Shaw Environmental & Infrastructure Engineering of New York, P.C.

13 British American Boulevard
Latham, NY 12110-1405
518.783.1996 (Phone)
518.783.8397 (Fax)

TRANSMITTAL

To: Mr. Saiban Endre Mahamooth
NYS Department of Environmental Conservation
Division of Environmental Remediation, Region 3
21 South Putt Corners Road
New Paltz, New York 12561-1696

Via: UPS 2nd Day

Subject: Operation Maintenance and Monitoring Report
Former Flagship Airlines Hangar Site, WappIngers Falls, NY
NYSDEC Site No. 3-14-101

Date: May 19, 2004

These are:

- ☒ Per your request
- ☒ For your files
- ☐ For your approval/signature
- ☐ For your review/comment
- ☒ For use on job
- ☐ _____

Remarks:

Attached are one hard copy and one electronic copy (per DEC requirement) of the Operation Maintenance and Monitoring Report for the December 2003 sampling event. If you have any questions I can be contacted at 518-783-1996 or email at jennifer.nafus@shawgrp.com.

Sincerely,
Shaw Environmental & Infrastructure Engineering of New York, P.C.

Jennifer Nafus
Environmental Scientist

cc: Alan Angers, American (1hard copy)
James Johnson, American (1hard copy)
Denise D'Ambrosia, NYSDEC (1hard copy)
Carol Bogle, Dutchess County (1hard copy)
Mr. Geraghty, NYSDOH (1 CD as requested)
Daniel Eaton, NYSDEC (1hard copy)
Ed Rose, Dutchess County Airport (1hard copy)
Eric Rothenberg (1hard copy)
File

Shaw Environmental & Infrastructure Engineering of New York, P.C.

13 British American Boulevard
Latham, NY 12110-1405
518.783.1996 (Phone)
518.783.8397 (Fax)

OPERATION MAINTENANCE AND MONITORING REPORT
(June 2003 – September 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

May 19, 2004

Prepared for:

Case Manager Division of Environmental Remediation
New York State Department of Environmental Conservation, Region III
21 South Putt Corners Road
New Paltz, New York 12561-1696

Prepared by:

Shaw Environmental and Infrastructure Engineering of New York, P.C.
13 British American Boulevard
Latham, New York 12110

Prepared By:

Jennifer Nafus
Scientist/Engineer

Reviewed/Submitted By:

Brian L. Neumann, PG, CPG
Project Manager/Hydrogeologist

TABLE OF CONTENTS:

TABLES:

FIGURES:

APPENDICES:

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 June 2003 through September 2003 and includes a discussion of the sampling event conducted on October 16, 2003 and four months of operation and maintenance completed by Shaw personnel.

The total run time for the air sparge (AS) and soil vapor extraction (SVE) systems during the reporting period was 100%. The soil vapor extraction (SVE) was repaired and reactivated during the previous reporting period as discussed in **Section 4.0**. The total run time for the SVE during this reporting period was 3,384 available hours, with 3,384 actual hours or 100%.

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 June 10, July 09, August 28 and September 03, 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.

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:

- Four month interval groundwater sampling was scheduled for September. However, in anticipation of the record of decision (ROD), interval groundwater sampling was conducted in October.
- Influent and effluent samples were not collected during this period.

4.0 SOIL VAPOR EXTRACTION SYSTEM

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

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

The SVE system operated at an average flow of 193.5 cubic feet per minute (cfm) during the previous reporting period as measured at the SVE blower effluent.

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

5.0 AIR SPARGE SYSTEM

The air sparging (AS) system was activated on August 7, 2000. The AS system is comprised of two 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 5.09 cfm (previous period = 3.36 cfm), with a total average system pressure of approximately 5.69 pounds per square inch (psi) as compared to previous period of 4.96 psi. The air sparge blower was fully operational and SP-2 through SP-7 are operating simultaneously. SP-1 was still inactive since being turned off during the April O&M visit of the previous reporting period.

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 shows 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 October 16, 2003 gauging event, groundwater elevations on the Flagship parcel ranged from 155.63 feet (ME-16) to 152.81 feet (ME-13). On the IBM parcel, groundwater elevations ranged from 152.94 feet (A-40S) to 150.59 feet (A-42S). Depth to groundwater measurements and elevations are presented in **Table 4**. Based on the calculated groundwater elevations on the former Flagship and IBM properties, groundwater flow is in a northwesterly direction (**Figure 3**). 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 October 16, 2003 sampling event, elevated laboratory detections of target analytes were recorded in samples collected from MW-9 and MW-10. PCE was detected at 84 ug/l (MW-9) and 63 ug/l (MW-10). These concentrations have shown only minor fluctuations over the past year. Cis-1,2-DCE was detected at 16 ug/l (MW-10). Total xylenes were detected at 17 ug/l (MW-9) and 10 ug/l (MW-10). 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 2ug/l (MW-6), 490 ug/l (MW-10) and 810 ug/l (MW-9). 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**, respectively. 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 12 ug/l (A-26S) was recorded. Vinyl chloride was detected at a concentration of 18 ug/l (A-42S) and 5 ug/l (A-43S). Cis-1,2-DCE was detected at a concentration of 7 ug/l (A-27S). Naphthalene was detected at a concentration of 350 ug/l (A-42S) and 2 ug/l (A-43S). 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, suggest 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 January 2004.
- 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.)
8/4/2000	0 /	0	0.00%	2942.5	256	2.2	0.01	0.00	0.00
8/9/2000	120 /	6	5.00%	3172.4	276	0.0	0.00	0.00	0.00
8/16/2000	168 /	168	100.00%	3103.4	270	0.0	0.00	0.00	0.00
8/24/2000	192 /	192	100.00%	3356.3	292	0.0	0.00	0.00	0.00
9/21/2000	672 /	261	38.84%	3678.2	320	0.0	0.00	0.00	0.00
10/9/2000	432 /	192	44.44%	3678.2	320	0.0	0.00	0.00	0.00
11/17/2000	936 /	542	57.91%	4046.0	352	0.0	0.00	0.00	0.00
12/6/2000	456 /	298	65.35%	4114.9	358	0.0	0.00	0.00	0.00
1/10/2001	840 /	120	14.29%	4000.0	348	0.0	0.00	0.00	0.00
2/19/2001	960 /	960	100.00%	3195.4	278	0.0	0.00	0.00	0.00
3/28/2001	888 /	72	8.11%	0.0	0	0.0	0.00	0.00	0.00
4/19/2001	528 /	270	51.14%	2580.0	224	0.0	0.00	0.00	0.00
5/16/2001	648 /	600	92.59%	2919.5	254	0.0	0.00	0.00	0.00
6/20/2001	840 /	792	94.29%	3185.0	277	0.0	0.00	0.00	0.00
7/30/2001	960 /	960	100.00%	3287.4	286	0.0	0.00	0.00	0.00
8/17/2001	432 /	432	100.00%	3310.3	288	0.0	0.00	0.00	0.00
9/11/2001	600 /	600	100.00%	3379.3	294	0.0	0.00	0.00	0.00
10/31/2001	1200 /	1200	100.00%	3595.0	313	0.0	0.00	0.00	0.00
11/29/2001	696 /	408	59.00%	3560.0	310	2.3	0.01	4.08	4.08
12/13/2001	336 /	336	100.00%	3580.0	311	2.0	0.01	3.36	7.44
1/17/2002	840 /	768	91.00%	2494.0	217	0.0	0.00	0.00	7.44
2/21/2002	840 /	840	100.00%	3678.2	320	0.0	0.00	0.00	7.44
3/20/2002	648 /	552	85.19%	4770.1	415	0.0	0.00	0.00	7.44
4/17/2002	672 /	672	100.00%	3804.6	331	0.0	0.00	0.00	7.44
5/22/2002	840 /	840	100.00%	4655.2	405	5.7	0.02	13.74	21.18
6/17/2002	624 /	384	61.54%	0.0	0	0.0	0.01	3.46	24.64
7/15/2002	672 /	312	46.43%	3379.3	294	0.0	0.00	0.00	24.64
8/28/2002	1056 /	576	54.55%	3183.9	277	0.0	0.00	0.00	24.64
9/24/2002	624 /	624	100.00%	3862.1	336	0.0	0.00	0.00	24.64
10/21/2002	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
1/18/2003	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	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
6/10/2003	312	0	0.00%	0.0	NM	0.0	0.00	0.00	24.64
7/9/2003	696 /	696	100.00%	2298.9	200.0	0.0	0.00	0.00	24.64
8/28/2003	1200 /	1200	100.00%	1597.7	139.0	0.0	0.00	0.00	24.64
9/3/2003	120 /	120	100.00%	2563.2	223	0.0	0.00	0.00	24.64
10/17/2003	1056 /	1056	100.00%	2436.8	212	0.0	0.00	0.00	24.64

October 2002 SVE shutdown due to high groundwater level
April 2003 SVE system Restarted
NM=Not Measured

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

Date	Compounds of Concern	SVE Influent South Leg (ppbv) / ug/m^3	SVE Influent North Leg (ppbv) / ug/m^3	Carbon Effluent South Leg (ppbv) / ug/m^3	Carbon Effluent North Leg (ppbv)/ ug/m^3	Carbon Efficiency South Leg (%)	Carbon Efficiency North Leg (%)	Total System Efficiency (%)
08/04/00	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	130 / 896.3	13 / 89.63	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	3.9 / 14.94	2.3 / 8.81	0.52 / 1.99	ND / ND	86.67	100.00	93.34
	1,1-Dichloroethane	1.4 / 5.76	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	13 / 72.1	1.5 / 8.32	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
10/9/00 (1)	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	100 / 689.46	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	0.82 / 3.14	ND / ND	100.00	100.00	100.00
	1,1-Dichloroethane	2.3 / 9.46	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	17 / 94.29	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
12/06/00	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	50 / 344.73	3.5 / 24.13	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	1.1 / 4.21	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1-Dichloroethane	5.9 / 24.27	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	6.7 / 37.16	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
05/16/01	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1-Dichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
06/20/01	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	40 / 275.78	7.0 / 48.26	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	0.98 / 3.75	ND / ND	NA	100.00	NA
	1,1-Dichloroethane	ND / ND	3.0 / 12.34	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	4.2 / 23.3	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
09/11/01	Trichloroethene	1.4 / 7.65	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	130 / 896.3	2.5 / 17.24	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	ND / ND	ND / ND	NA	100.00	NA
	1,1-Dichloroethane	14 / 57.6	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	88 / 488.09	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
01/17/02	Trichloroethene	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	NA	NA	1.5 / 5.74	ND / ND	NA	100.00	NA
	1,1-Dichloroethane	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
05/22/02	Trichloroethene	ND / ND	ND / ND	0.55 / 3	1 / 5.46	NA	NA	NA
	Tetrachloroethene	6.2 / 42.75	7.9 / 54.47	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	18 / 68.94	15 / 57.45	1.3 / 4.98	2.8 / 10.72	93.00	81.00	87.00
	1,1-Dichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	86 / 458.19	109 / 580.73	ND / ND	ND / ND	100.00	100.00	100.00
09/24/02	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1-Dichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	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
9/3/2003	1344	1344	100.00%	2560	223	NS	0.0	0.00000	0.00	3.61

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

NS - Not Sampled

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
7/9/2003	7.88	154.39	0.64	1.78	154.25	4.34	6.72	155.62	0.83	3.21	155.43	3.85	2.91	155.61	4.86	6.12	153.25	0.82
9/9/2003	8.55	153.72	0.71	1.85	154.18	1.03	6.81	155.53	1.11	3.3	155.34	1.43	2.96	155.56	0.98	5.97	153.40	1.14
10/16/2003	8.86	153.41	0.48	1.81	154.22	0.82	7.27	155.07	0.99	3.58	155.06	3.98	3.05	155.47	4.98	6.11	153.26	0.54

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
7/9/2003	3.48	155.39	2.2	3.26	155.46	0.6	3.95	155.29	5.5	3.73	155.14	10.39	6.44	153.06	0.75	4.59	155.39	0.79
9/3/2003	3.63	155.24	2.35	3.39	155.33	1.67	0.50	158.74	0.91	3.98	154.89	1.21	6.53	152.97	0.51	4.82	155.16	0.83
10/16/2003	3.44	155.43	0.62	3.62	155.10	0.44	4.64	154.60	6.15	4.00	154.87	0.99	6.69	152.81	1.56	4.71	155.27	0.92
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.

Red = corrected groundwater elevation measurement

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

TABLE 5
ANALYTICAL RESULTS OVERBURDEN MONITORING WELLS -October 16, 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	6.75	NS	6.41	NS	NS	7.50	7.59	NS	6.99	6.71	NS	7.58	6.58	6.59	7.89	7.17	NS	7.16
Temperature (deg Celcius)	--	15.78	NS	19.32	NS	NS	16.42	16.48	NS	17.26	18.22	NS	16.28	18.32	16.45	16.45	16.92	NS	14.96
Conductivity (umhos/cm)	--	0.733	NS	1.024	NS	NS	1.021	0.64	NS	0.519	0.709	NS	0.652	0.729	0.761	0.122	0.435	NS	0.58
Turbidity (NTU)	5	25.4	NS	11.3	NS	NS	18.3	NS	NS	8.6	0.2	NS	NS	22.8	16.6	NS	NS	NS	320.3
Dissolved Oxygen (ppm)	--	0.99	1.56	0.92	0.93	0.88	0.90	0.60	0.82	0.99	3.98	4.98	0.54	0.62	0.44	6.15	0.48	NS	0.55
Volatile Organic Compound by ASP/CLP Method (ug/L)																			
Vinyl Chloride	2	1U	NS	1U	NS	NS	1U	1U	NS	1U	1U	NS	1U	10U	10U	1U	1U	NS	**16**
Chloroethane	5	1U	NS	1U	NS	NS	1U	1U	NS	1U	1U	NS	1U	10U	10U	1U	1U	NS	5U
Acetone	--	5U	NS	5U	NS	NS	5U	5U	NS	5U	5U	NS	5U	50U	50U	5U	5U	NS	25U
Carbon Disulfide	--	1U	NS	1U	NS	NS	1U	1U	NS	1U	1U	NS	1U	4J	10U	1U	1U	NS	5U
1,1-Dichloroethane	5	1U	NS	1U	NS	NS	1U	0.3J	NS	1U	1U	NS	0.5J	4J	10U	1U	1U	NS	5U
cis-1,2-Dichloroethene	5	1U	NS	1U	NS	NS	1U	1U	NS	1U	1U	NS	1U	10U	**16**	1U	1U	NS	5U
trans-1,2-Dichloroethene	5	1U	NS	1U	NS	NS	1U	1U	NS	1U	1U	NS	1U	10U	10U	1U	1U	NS	5U
1,2-Dichloroethene, Total	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MEK (2-Butanone)	50	5U	NS	5U	NS	NS	5U	5U	NS	5U	5U	NS	5U	50U	50U	5U	5U	NS	25U
Toluene	5	1U	NS	1U	NS	NS	1U	1U	NS	1U	1U	NS	1U	10U	10U	1U	1U	NS	5U
Ethylbenzene	5	1U	NS	1U	NS	NS	1U	1U	NS	1U	1U	NS	1U	10U	10U	1U	1U	NS	5U
Total Xylenes	5	1U	NS	1U	NS	NS	1U	1U	NS	1U	1U	NS	1U	**17**	**10**	1U	1U	NS	5U
Tetrachloroethene	5	1U	NS	2	NS	NS	1U	1U	NS	1U	2	NS	1U	**84**	**63**	1U	1U	NS	5U
Semi-Volatile Organic Compound by ASP/CLP Method (ug/L)																			
Phenol	1 (3)	5U	NS	5U	NS	NS	5U	5U	NS	5U	5U	NS	5U	**25**	**4J**	5U	5U	NS	5U
2,4-Dimethylphenol	1 (3)		NS		NS	NS			NS			NS						NS	
4-Methylphenol	1 (3)	5U	NS	5U	NS	NS	5U	5U	NS	5U	5U	NS	5U	**200**	**63**	5U	5U	NS	5U
Naphthalene	--	5U	NS	5U	NS	NS	5U	5U	NS	5U	**2J**	NS	5U	**810**	**490**	5U	5U	NS	**190**
Phenanthrene	50		NS		NS	NS			NS			NS						NS	
Pyrene	50		NS		NS	NS			NS			NS						NS	
Acenaphthalene	20		NS		NS	NS			NS			NS						NS	
Fluoranthene	50		NS		NS	NS			NS			NS						NS	
Chrysene	0.002		NS		NS	NS			NS			NS						NS	
2-Methylnaphthalene	--		NS		NS	NS			NS			NS						NS	
Diethyl phthalate	50		NS		NS	NS			NS			NS						NS	
Butyl benzyl phthalate	50		NS		NS	NS			NS			NS						NS	
Di-n-butyl phthalate	50		NS		NS	NS			NS			NS						NS	
Di-n-octyl phthalate	50		NS		NS	NS			NS			NS						NS	
Bis (2-ethylhexyl) phthalate	50		NS		NS	NS			NS			NS						NS	

Notes:
Only compounds detected at one or more sampling locations are listed.
BOLD values indicate detections above NYSDEC Standards or Guidance Values.
(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 -October 16, 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	7.43	7.38	NS	7.16	7.21
Temperature (deg Celcius)	--	NS	15.33	14.97	NS	14.96	17.03
Conductivity (umhos/cm)	--	NS	0.83	0.54	NS	0.58	0.673
Turbidity (NTU)	5	NS	NS	NS	NS	320.3	47.3
Dissolved Oxygen (ppm)	--	1.03	0.76	0.41	0.62	0.55	0.76
Volatile Organic Compound by ASP/CLP Method (ug/L)							
Vinyl Chloride	2	NS	1	0.5J	NS	**18**	**5**
Chloroethane	5	NS	ND	ND	NS	ND	ND
1,1-Dichloroethane	5	NS	**12**	1	NS	ND	3
cis-1,2-Dichloroethene	5	NS	0.4J	**7**	NS	ND	3
trans-1,2-Dichloroethene	5	NS	ND	ND	NS	ND	ND
1,2-Dichloroethene, Total	5	NS	NS	NS	NS	NS	NS
Trichloroethene	5	NS	ND	0.5J	NS	ND	ND
Toluene	5	NS	ND	ND	NS	ND	ND
Ethylbenzene	5	NS	ND	ND	NS	ND	ND
Xylenes, Total	5	NS	ND	ND	NS	ND	ND
Semi-Volatile Organic Compound by ASP/CLP Method (ug/L)							
4-Methylphenol	1	NS	ND	ND	NS	ND	ND
2,4-Dimethylphenol	5	NS	ND	ND	NS	ND	ND
Naphthalene	--	NS	ND	ND	NS	**350**	2J
4-Chloroaniline	--	NS	ND	ND	NS	ND	ND
bis-2-Ethylhexyl phthalate	5	NS	ND	ND	NS	ND	ND
2-Methylnaphthalene	--	NS	ND	ND	NS	ND	ND
Di-n-octyl phthalate	--	NS	ND	ND	NS	ND	ND

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

Volatile Organic	**NYSDEC**	**ME-12**						**ME-13**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	NS	NS	10U	NS	NS	1U	NS	NS	10U	NS	NS	NS
1,1,1-Trichloroethane	5	NS	NS	10U	NS	NS	1U	NS	NS	10U	NS	NS	NS
Trichloroethene	5	NS	NS	10U	NS	NS	1U	NS	NS	10U	NS	NS	NS
Tetrachloroethene	5	NS	NS	10U	NS	NS	1U	NS	NS	10U	NS	NS	NS
Toluene	5	NS	NS	10U	NS	NS	1U	NS	NS	10U	NS	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	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**	**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	9/10/2001	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/28/2001	6/20/2001	9/10/2001
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Tetrachloroethene	5	**1J**	**6J**	**2J**	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Semi-Volatile Organic															
Compound of Concern															
Naphthalene	10	10U	9U	9U	10U	9U	10U	10U	10U	**0.7J**	9UJ	9U	10U	10U	10U

Volatile Organic	**NYSDEC**	**ME-14**						**ME-15**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	NS	NS	10U	NS	NS	1U	NS	NS	10U	NS	NS	NS
1,1,1-Trichloroethane	5	NS	NS	10U	NS	NS	1U	NS	NS	10U	NS	NS	NS
Trichloroethene	5	NS	NS	10U	NS	NS	1U	NS	NS	10U	NS	NS	NS
Tetrachloroethene	5	NS	NS	10U	NS	NS	**2**	NS	NS	10U	NS	NS	NS
Toluene	5	NS	NS	10U	NS	NS	1U	NS	NS	10U	NS	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	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**	**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	9/10/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001	9/10/2001
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	**6J**	10U	10U	10U	10U	5U	5U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Semi-Volatile Organic															
Compound of Concern															
Naphthalene	10	10U	10U	50U	10U	47U	10U	10U	**11**	**5J**	9U	10U	9U	10U	10U

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

Notes:

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

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

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

U = Indicates compound was analyzed for but not detected.

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

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

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

NS = Not Sampled.

ND = Not Detected.

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

Volatile Organic	**NYSDEC**	**ME-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	9/10/2001	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/29/2001	6/20/2001	9/10/2001
1,1-Dichloroethane	5	**11**	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Tetrachloroethene	5	**3J**	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Semi-Volatile Organic															
Compound of Concern															
Naphthalene	10	**30**	9U	**1J**	10U	**6J**	**10U**	**2J**	10U	9U	9U	10U	9U	10U	10U

Volatile Organic	**NYSDEC**	**ME-19**						**MW-1**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	10U	10U	10U	1U	1U	**0.3J**	NS	NS	10U	NS	NS	NS
1,1,1-Trichloroethane	5	10U	10U	10U	1U	1U	1U	NS	NS	10U	NS	NS	NS
Trichloroethene	5	10U	10U	10U	1U	1U	1U	NS	NS	10U	NS	NS	NS
Tetrachloroethene	5	10U	10U	10U	1U	1U	1U	NS	NS	10U	NS	NS	NS
Toluene	5	10U	10U	10U	1U	1U	1U	NS	NS	10U	NS	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	10U	10U	10U	10U	5U	NS	NS	10U	NS	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**	**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	9/10/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001	9/10/2001
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	**4J**	**5J**	**18**	10U	10U	5U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Semi-Volatile Organic															
Compound of Concern															
Naphthalene	10	10U	9U	9U	10U	10U	10U	10U	**39**	**10**	9U	10U	10U	10U	10U

Volatile Organic	**NYSDEC**	**MW-2**						**MW-6**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	NS	NS	10U	NS	NS	1U	10U	10U	10U	1U	1U	1U
1,1,1-Trichloroethane	5	NS	NS	10U	NS	NS	1U	10U	10U	10U	1U	1U	1U
Trichloroethene	5	NS	NS	10U	NS	NS	1U	10U	10U	10U	1U	1U	1U
Tetrachloroethene	5	NS	NS	10U	NS	NS	1U	**10**	10U	10U	1U	1U	**2**
Toluene	5	NS	NS	10U	NS	NS	1U	10U	10U	10U	1U	1U	1U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	NS	NS	10U	NS	NS	5U	**40**	10U	**62**	1U	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**	**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	9/10/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001	9/10/2001
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	**1J**	**2J**	**2J**	5U	**2J**
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	10U	**3J**	10U	10U	10U	5U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	5U	5U
Semi-Volatile Organic															
Compound of Concern															
Naphthalene	10	10U	9U	9U	10U	9U	10U	**1J**	10U	**7J**	9U	9U	10U	10U	10U

Volatile Organic	**NYSDEC**	**MW-7A**						**MW-8**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	NS	NS	10U	NS	NS	NS	10U	10U	10U	**0.6J**	**0.8J**	**0.5J**
1,1,1-Trichloroethane	5	NS	NS	10U	NS	NS	NS	10U	10U	10U	1U	1U	1U
Trichloroethene	5	NS	NS	10U	NS	NS	NS	10U	10U	10U	1U	1U	1U
Tetrachloroethene	5	NS	NS	10U	NS	NS	NS	10U	10U	10U	1U	1U	1U
Toluene	5	NS	NS	10U	NS	NS	NS	10U	10U	10U	1U	1U	1U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	NS	NS	10U	NS	NS	NS	10U	10U	10U	10U	10U	5U

Notes:

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

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

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

U = Indicates compound was analyzed for but not detected.

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

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

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

NS = Not Sampled.

ND = Not Detected.

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

Volatile Organic	**NYSDEC**	**MW-9**							**MW-10**						
Compounds of Concern	**Standard (1)**	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001	9/10/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001	9/10/2001
1,1-Dichloroethane	5	**530**	**99**	**170J**	**160J**	**20J**	**210**	**190**	**61**	**39J**	**8J**	**5J**	**10J**	**11**	**27**
1,1,1-Trichloroethane	5	**150**	**24**	**45J**	**25J**	200U	**61**	**27**	**29**	40U	40U	40U	**5J**	25U	**1J**
Trichloroethene	5	10U	**2J**	200U	200U	200U	25U	5U	**13J**	40U	40U	40U	40U	25U	25U
Tetrachloroethene	5	**490**	**56D**	**680**	**260**	**210**	**340**	**240**	**250**	40U	**36J**	**52**	**44**	**53**	**97**
Toluene	5	40U	**9J**	**25J**	200U	200U	**30**	**22**	10U	40U	40U	10U	40U	**3J**	**5**
Semi-Volatile Organic															
Compound of Concern															
Naphthalene	10	**1100D**	**710D**	**9600D**	**2200D**	**1000D**	**3300UR**	**1200**	**19**	**88**	**140**	**410**	52U	**3200J**	**430**

Volatile Organic	**NYSDEC**	**MW-9**						**MW-10**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	200U	**7J**	10U	**7J**	**3J**	**4J**	**7J**	10U	10U	**3J**	10U	10U
1,1,1-Trichloroethane	5	200U	10U	10U	10U	10U	10U	**4J**	10U	10U	10U	10U	10U
Trichloroethene	5	200U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Tetrachloroethene	5	**280**	**74**	**70**	**95**	**34**	**84**	**74**	**43**	**26**	**54**	**71**	**63**
Toluene	5	200U	2J	10U	4J	10U	10U	10U	10U	10U	10U	10U	10U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	**170**	**340D**	**260**	**1200D**	**96U**	**810E**	**55**	**8JD**	10U	**530D**	**1200D**	**490E**

Notes:

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

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

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

U = Indicates compound was analyzed for but not detected.

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

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

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

NS = Not Sampled.

ND = Not Detected.

NI = Monitoring well not installed as of this date.

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

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

Volatile Organic	**NYSDEC**	**MW-20**						**DG-1**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	10U	10U	10U	1U	1U	1U	NS	NS	10U	NS	NS	1U
1,1,1-Trichloroethane	5	10U	10U	10U	1U	1U	1U	NS	NS	10U	NS	NS	1U
Trichloroethene	5	10U	10U	10U	1U	1U	1U	NS	NS	10U	NS	NS	1U
Tetrachloroethene	5	10U	10U	10U	1U	1U	1U	NS	NS	10U	NS	NS	1U
Toluene	5	10U	10U	10U	1U	1U	1U	NS	NS	10U	NS	NS	1U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	10U	**60**	10U	10U	5U	NS	NS	10U	NS	NS	5U

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

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

Volatile Organic	**NYSDEC**	**A-26S**						**A-27S**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	**14**	**17**	10U	1U	**14**	**12**	**2J**	10U	10U	**2**	**2**	**1**
1,1,1-Trichloroethane	5	10U	10U	10U	1U	1U	1U	10U	10U	10U	1U	1U	1U
Trichloroethene	5	10U	10U	10U	1U	1U	1U	10U	10U	10U	1U	1U	**0.5J**
Tetrachloroethene	5	10U	10U	10U	1U	1U	1U	10U	10U	10U	1U	1U	1U
Toluene	5	10U	10U	10U	1U	1U	1U	10U	10U	10U	1U	1U	1U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	12U	10U	10U	10U	10U	5U	**4J**	**6J**	10U	10U	**2J**	5U

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	9/10/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/28/2001	6/20/2001	9/10/2001
1,1-Dichloroethane	5	NI	10U	10U	10U	10U	5U	5U	NI	40U	**11**	**16J**	**4J**	**2J**	**11**
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	5U	NI	40U	10U	40U	10U	5U	5U
Trichloroethene	5	NI	10U	10U	10U	10U	5U	5U	NI	40U	10U	10U	10U	5U	5U
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	5U	NI	40U	10U	40U	10U	5U	5U
Toluene	5	NI	10U	10U	10U	10U	5U	5U	NI	**8J**	**22**	**15J**	**2J**	**4J**	**8**
Semi-Volatile Organic															
Compound of Concern															
Naphthalene	10	NI	10U	9UJ	10U	9U	10U	10U	NI	**760D**	**1200D**	**1100D**	**550**	**770**	**480**

Volatile Organic	**NYSDEC**	**A-41S**						**A-42S**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	NS	NS	NS	NS	NS	NS	**21**	**11**	**5J**	**5**	4U	5U
1,1,1-Trichloroethane	5	NS	NS	NS	NS	NS	NS	10U	10U	10U	1U	4U	5U
Trichloroethene	5	NS	NS	NS	NS	NS	NS	10U	10U	10U	1U	4U	5U
Tetrachloroethene	5	NS	NS	NS	NS	NS	NS	10U	10U	10U	1U	4U	5U
Toluene	5	NS	NS	NS	NS	NS	NS	**10J**	**10**	10U	**3**	**6**	5U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	NS	NS	NS	NS	NS	NS	**1200**	**1300D**	**870**	**250D**	**1000D**	**350**

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	9/10/2001
1,1-Dichloroethane	5	NI	**2J**	**1J**	**1J**	**2J**	5U	**2J**
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	5U
Trichloroethene	5	NI	10U	10U	10U	10U	5U	5U
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	5U
Toluene	5	NI	10U	10U	10U	10U	5U	5U
Semi-Volatile Organic								
Compound of Concern								
Naphthalene	10	NI	9U	9UJ	10U	10U	10U	10U

Volatile Organic	**NYSDEC**	**A-43S**					
Compounds of Concern	**Standard (1)**	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	10/16/2003
1,1-Dichloroethane	5	**3J**	**4J**	10U	**5**	**3**	**3**
1,1,1-Trichloroethane	5	10U	10U	10U	1U	1U	1U
Trichloroethene	5	10U	10U	10U	1U	1U	1U
Tetrachloroethene	5	10U	10U	10U	1U	1U	1U
Toluene	5	10U	10U	10U	1U	1U	1U
Semi-Volatile Organic							
Compound of Concern							
Naphthalene	10	10U	**10UJ**	10U	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.

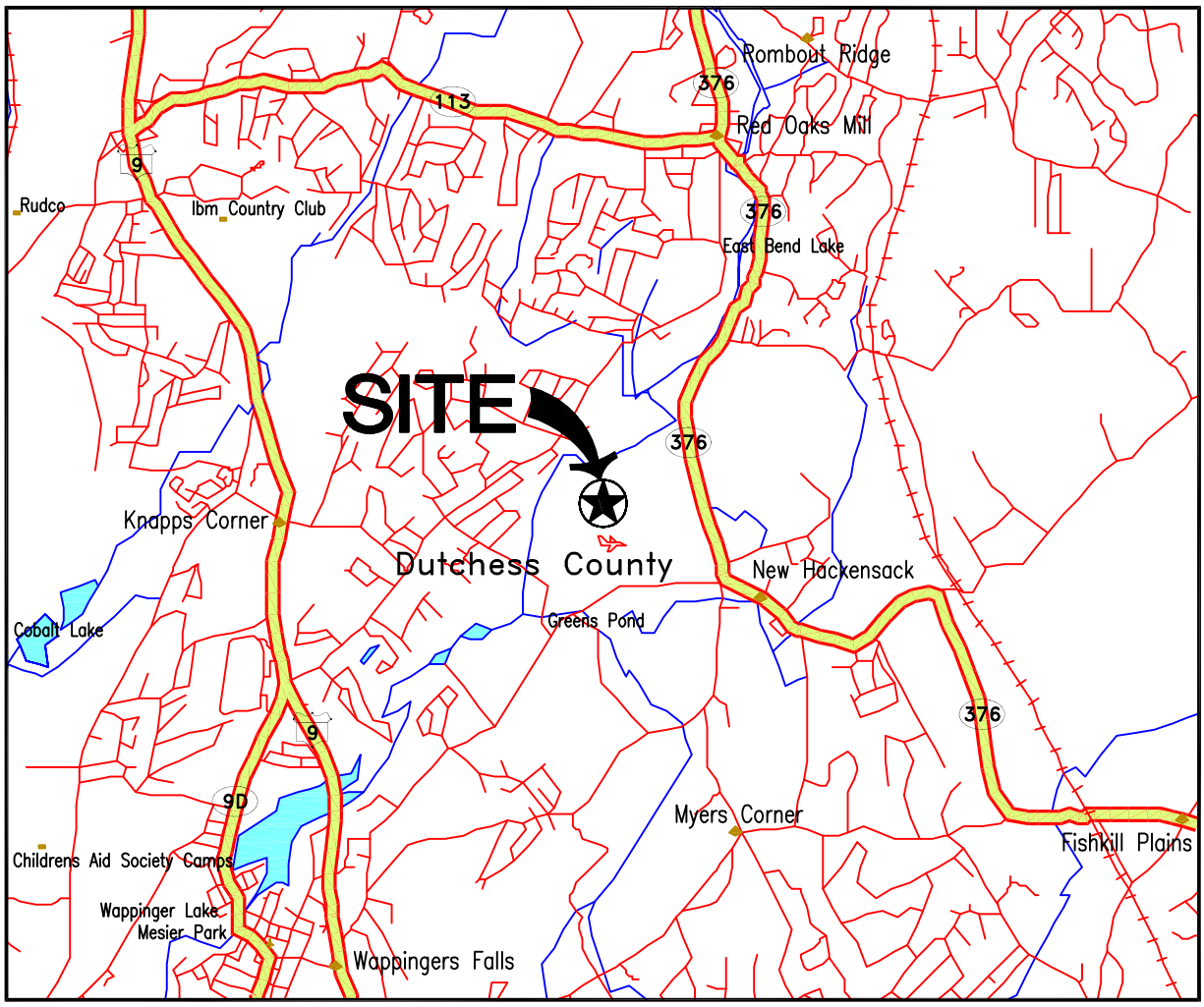
R =Data unusable (compound may or may not be present).

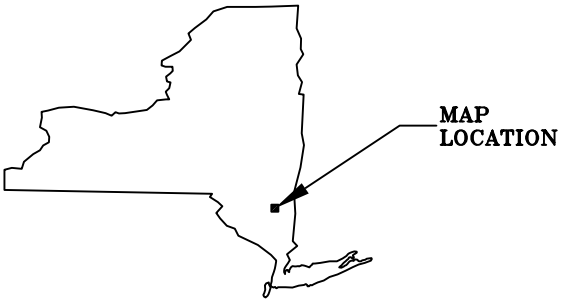
NS = Not Sampled.

ND = Not Detected.

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

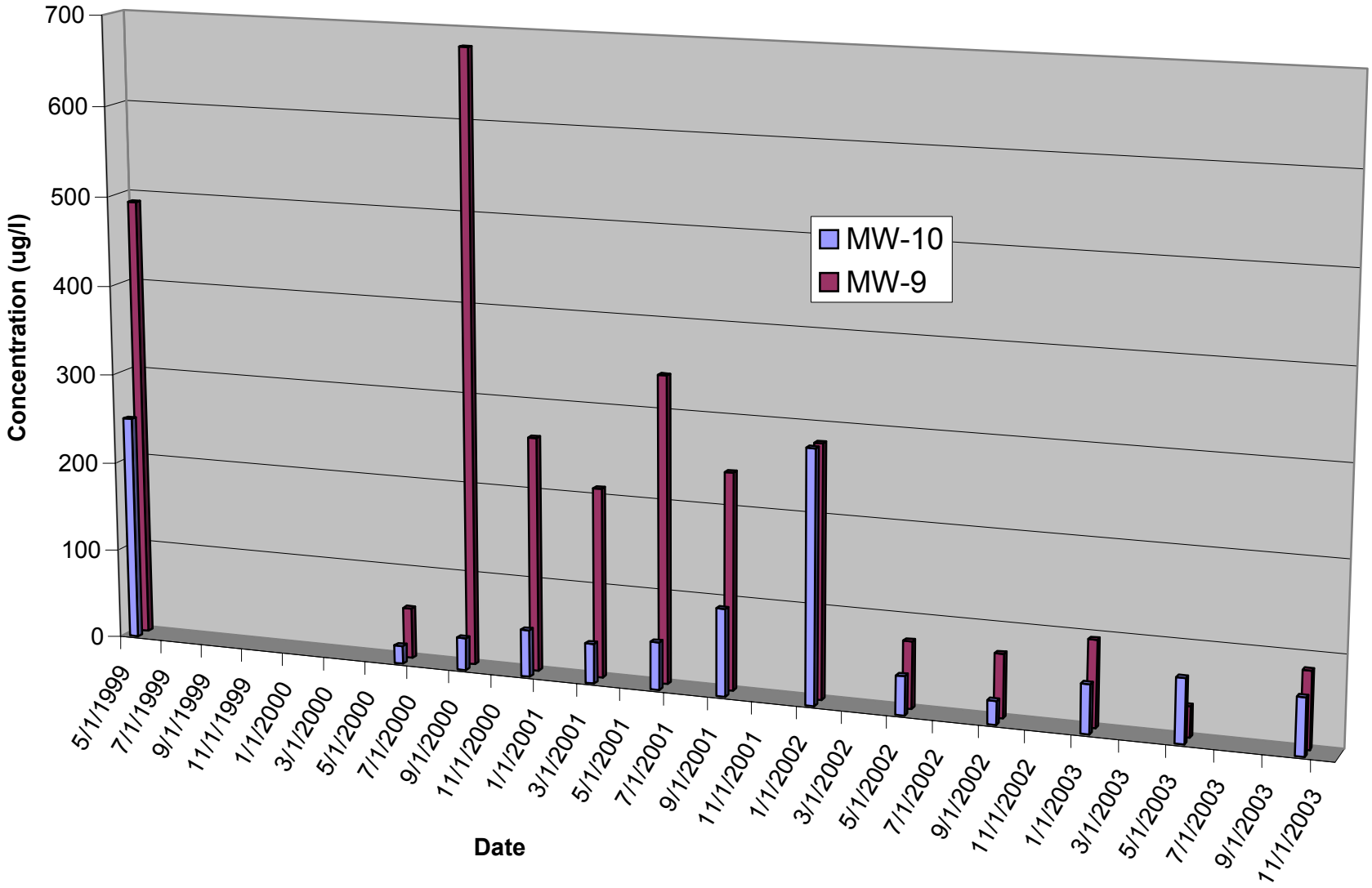


Figure 9
Dissolved 1,1-Dichloroethane Trends, MW-9, MW-10 & A-42S

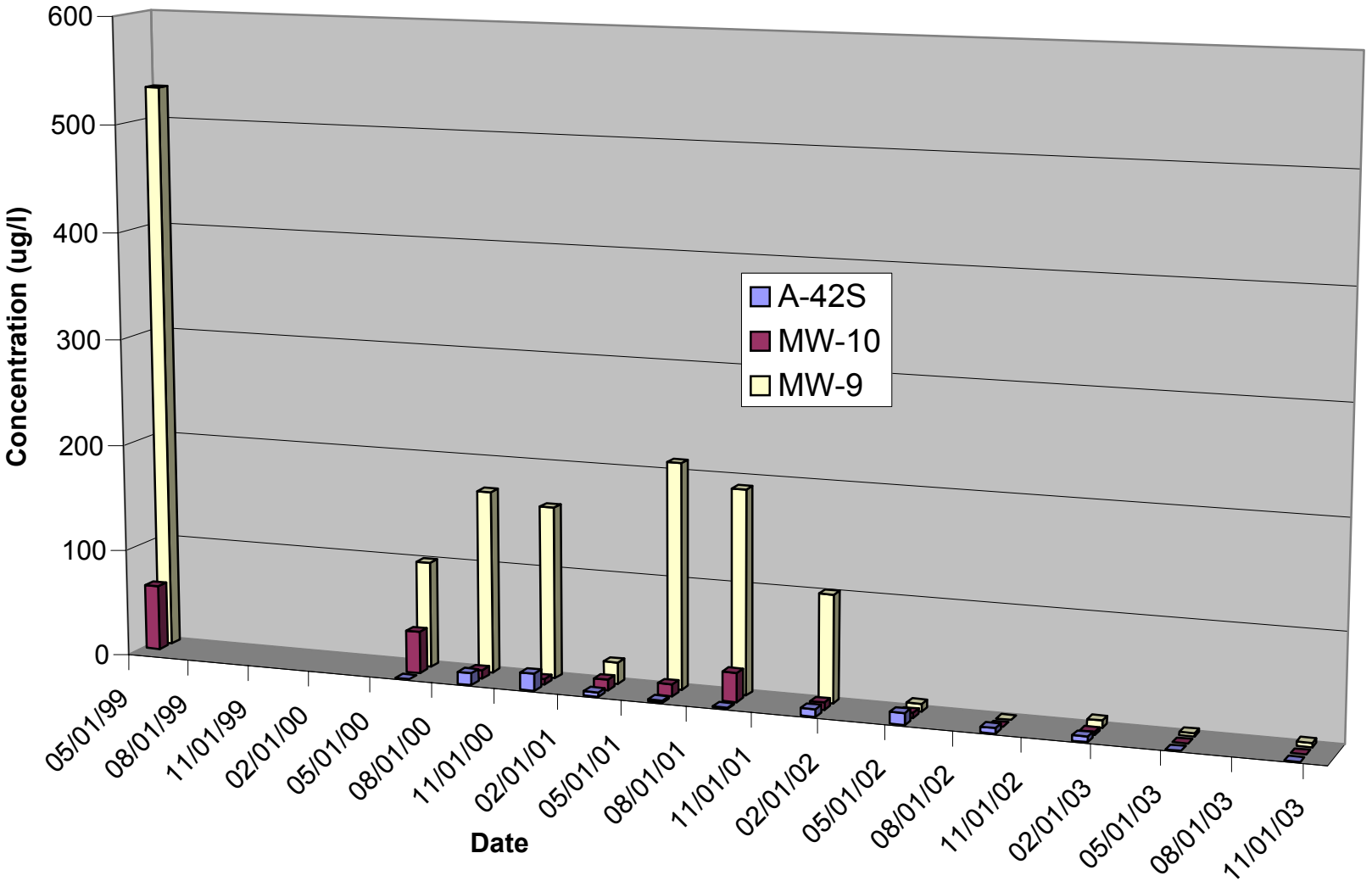
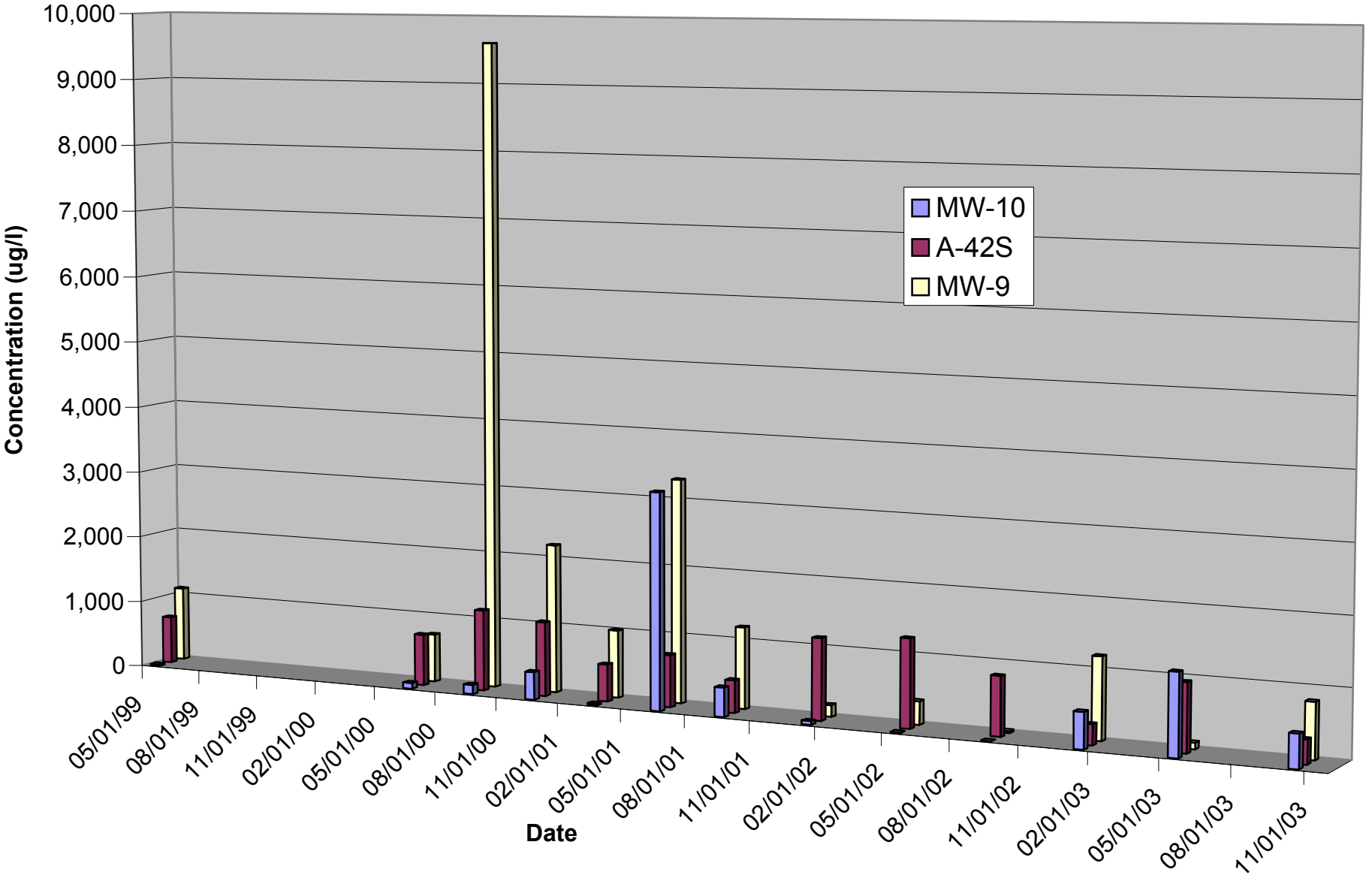


Figure 10
Dissolved Naphthalene Trends, MW-9, MW-10 & A-42S



APPENDIX A

ANALYTICAL RESULTS – GROUNDWATER
(October 16, 2003)

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A03-A107

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES
Task: AMERICAN AIRLINES - DUTCHESS COUNTY

Mr. Brian Neuman
Shaw E&I Inc.
13 British American Blvd.
Latham, NY 12110-1405

STL Buffalo

Lisa Shaffer
for Candace L. Fox
Project Manager

10/30/2003

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arizona	SDWA, CWA, RCRA	AZ0525
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon	NELAP,SDWA, CWA, RCRA	NY200001
Pennsylvania	NELAP, SDWA, CWA, Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	2970
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390
Wyoming UST	UST	NA

SAMPLE DATA SUMMARY PACKAGE

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A3A10709	A-42S	10/16/2003	17:15	10/18/2003	10:45
A3A10708	A-43S	10/16/2003	16:50	10/18/2003	10:45
A3A10715	A26S	10/16/2003	16:45	10/18/2003	10:45
A3A10716	A27S	10/16/2003	17:20	10/18/2003	10:45
A3A10711	DG-1	10/16/2003	14:27	10/18/2003	10:45
A3A10710	DUPLICATE	10/16/2003		10/18/2003	10:45
A3A10704	ME-12	10/16/2003	14:50	10/18/2003	10:45
A3A10701	ME-14	10/16/2003	12:30	10/18/2003	10:45
A3A10701MS	ME-14	10/16/2003	12:30	10/18/2003	10:45
A3A10701SD	ME-14	10/16/2003	12:30	10/18/2003	10:45
A3A10707	ME-18	10/16/2003	16:10	10/18/2003	10:45
A3A10712	ME-19	10/16/2003	15:00	10/18/2003	10:45
A3A10706	MW-10	10/16/2003	15:45	10/18/2003	10:45
A3A10702	MW-2	10/16/2003	13:12	10/18/2003	10:45
A3A10713	MW-20	10/16/2003	13:30	10/18/2003	10:45
A3A10703	MW-6	10/16/2003	14:20	10/18/2003	10:45
A3A10714	MW-8	10/16/2003	16:20	10/18/2003	10:45
A3A10705	MW-9	10/16/2003	15:30	10/18/2003	10:45
A3A10717	TRIP BLANK	10/16/2003		10/18/2003	10:45

METHODS SUMMARY

Job#: A03-A107

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES

PARAMETER	ANALYTICAL METHOD	
ASP 2000 CLP - VOLATILES	ASP00	ASP00-4
ASP 2000 - METHOD 8270 SELECT LIST	ASP00	8270

References:

ASP00 "Analytical Services Protocol", New York State Department of Conservation, June 2000.

NON-CONFORMANCE SUMMARY

Job#: A03-A107

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-A107
Sample Cooler(s) were received at the following temperature(s); 3 @ 2.0 °C
One sample bottle was received broken for sample MW-9 and DG-1 for analysis by Method 8270. Sufficient volume remained to complete the analysis.

GC/MS Volatile Data

The recovery of the analyte Benzene in the Matrix Spike and Matrix Spike Duplicate of sample ME-14 exceeded QC limits. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

All samples were preserved to a PH less than 2.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Lisa Shaffer

for Candace L. Fox
Project Manager

10/30/2003
Date

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
A-42S	A3A10709	ASP00	ASP00					
A-43S	A3A10708	ASP00	ASP00					
A26S	A3A10715	ASP00	ASP00					
A27S	A3A10716	ASP00	ASP00					
DG-1	A3A10711	ASP00	ASP00					
DUPLICATE	A3A10710	ASP00	ASP00					
ME-12	A3A10704	ASP00	ASP00					
ME-14	A3A10701	ASP00	ASP00					
ME-18	A3A10707	ASP00	ASP00					
ME-19	A3A10712	ASP00	ASP00					
MW-10	A3A10706	ASP00	ASP00					
MW-2	A3A10702	ASP00	ASP00					
MW-20	A3A10713	ASP00	ASP00					
MW-6	A3A10703	ASP00	ASP00					
MW-8	A3A10714	ASP00	ASP00					
MW-9	A3A10705	ASP00	ASP00					

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
A-42S	WATER	10/16/2003	10/18/2003		10/27/2003
A-43S	WATER	10/16/2003	10/18/2003		10/27/2003
A26S	WATER	10/16/2003	10/18/2003		10/27/2003
A27S	WATER	10/16/2003	10/18/2003		10/27/2003
DG-1	WATER	10/16/2003	10/18/2003		10/27/2003
DUPLICATE	WATER	10/16/2003	10/18/2003		10/27/2003
ME-12	WATER	10/16/2003	10/18/2003		10/27/2003
ME-14	WATER	10/16/2003	10/18/2003		10/27/2003
ME-18	WATER	10/16/2003	10/18/2003		10/27/2003
ME-19	WATER	10/16/2003	10/18/2003		10/27/2003
MW-10	WATER	10/16/2003	10/18/2003		10/28/2003
MW-2	WATER	10/16/2003	10/18/2003		10/27/2003
MW-20	WATER	10/16/2003	10/18/2003		10/27/2003
MW-6	WATER	10/16/2003	10/18/2003		10/27/2003
MW-8	WATER	10/16/2003	10/18/2003		10/27/2003
MW-9	WATER	10/16/2003	10/18/2003		10/28/2003

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
A-42S	WATER	10/16/2003	10/18/2003	10/21/2003	10/24/2003
A-43S	WATER	10/16/2003	10/18/2003	10/21/2003	10/22/2003
A26S	WATER	10/16/2003	10/18/2003	10/21/2003	10/24/2003
A27S	WATER	10/16/2003	10/18/2003	10/21/2003	10/24/2003
DG-1	WATER	10/16/2003	10/18/2003	10/21/2003	10/24/2003
DUPLICATE	WATER	10/16/2003	10/18/2003	10/21/2003	10/24/2003
ME-12	WATER	10/16/2003	10/18/2003	10/21/2003	10/22/2003
ME-14	WATER	10/16/2003	10/18/2003	10/21/2003	10/22/2003
ME-18	WATER	10/16/2003	10/18/2003	10/21/2003	10/22/2003
ME-19	WATER	10/16/2003	10/18/2003	10/21/2003	10/24/2003
MW-10	WATER	10/16/2003	10/18/2003	10/21/2003	10/22/2003
MW-2	WATER	10/16/2003	10/18/2003	10/21/2003	10/22/2003
MW-20	WATER	10/16/2003	10/18/2003	10/21/2003	10/24/2003
MW-6	WATER	10/16/2003	10/18/2003	10/21/2003	10/22/2003
MW-8	WATER	10/16/2003	10/18/2003	10/21/2003	10/24/2003
MW-9	WATER	10/16/2003	10/18/2003	10/21/2003	10/22/2003

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
A-42S	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
A-43S	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
A26S	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
A27S	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
DG-1	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
DUPLICATE	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
ME-12	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
ME-14	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
ME-18	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
ME-19	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-10	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-2	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-20	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-6	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-8	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-9	WATER	ASP00	SEPF	AS REQUIRED	AS REQUIRED

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
MW-9	A3A10705	8270	5.00	002
MW-9	A3A10705	ASP00-4	10.00	004
MW-10	A3A10706	ASP00-4	10.00	004
A-42S	A3A10709	8270	5.00	002
A-42S	A3A10709	ASP00-4	5.00	004
DUPLICATE	A3A10710	ASP00-4	5.00	004

)ilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A-42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10709

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2970.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	18	
75-00-3	Chloroethane	5	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
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	U
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	U
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	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A-42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10709

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2970.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	5	U
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

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A-42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10709

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2970.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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

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

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	19.28	53	J
2.		BENZENE DERIVATIVE	19.69	14	J
3.		BENZENE DERIVATIVE	19.99	95	J
4.		TETRAMETHYLBENZENE ISOMER	20.58	73	J
5.		AROMATIC DERIVATIVE	21.05	15	J
6.		UNKNOWN	21.28	91	J
7.	91-20-3	NAPHTHALENE	22.24	27	JN

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10708

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2961.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	5	
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	U
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	3	
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
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

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10708

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2961.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A-43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10708

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2961.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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: A3A10715

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2966.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	12	
156-59-2	cis-1,2-Dichloroethene	0.4	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
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

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: A3A10715

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2966.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

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: A3A10715

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2966.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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: A3A10716

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2967.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	0.5	J
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	
156-59-2	cis-1,2-Dichloroethene	7	
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
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	0.5	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	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

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: A3A10716

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2967.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

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: A3A10716

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2967.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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	19.26	9	J
2.	BENZENE DERIVATIVE	19.96	7	J
3.	TETRAMETHYLBENZENE ISOMER	20.55	16	J
4.	UNKNOWN	21.26	17	J
5.	BENZENE DERIVATIVE	21.83	8	J

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

DG-1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10711

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2962.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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
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
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

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

DG-1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10711

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2962.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

DG-1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10711

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2962.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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.

DUPLICATE

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10710

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2971.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	16	
75-00-3	Chloroethane	5	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
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	U
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	U
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	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

DUPLICATE

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10710

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2971.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	5	U
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

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

DUPLICATE

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10710

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2971.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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

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

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	19.28	43	J
2.	BENZENE DERIVATIVE	19.69	12	J
3.	BENZENE DERIVATIVE	19.98	77	J
4.	TETRAMETHYLBENZENE ISOMER	20.56	59	J
5.	AROMATIC DERIVATIVE	21.04	12	J
6.	UNKNOWN	21.28	76	J
7. 91-20-3	NAPHTHALENE	22.23	23	JN

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-12

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10704

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2959.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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
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
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

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-12

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10704

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2959.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

ME-12

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10704

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2959.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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.

ME-14

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10701

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2956.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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
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
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	2	
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-14

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10701

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2956.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

ME-14

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10701

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2956.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10707

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2960.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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
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
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

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10707

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2960.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10707

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2960.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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.

ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10712

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2963.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	0.3	J
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
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

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: A3A10712

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2963.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

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: A3A10712

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2963.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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-10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10706

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2982.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/28/2003

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	20	U
67-64-1	Acetone	50	U
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	16	
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	U
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	U
127-18-4	Tetrachloroethene	63	
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

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: A3A10706

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2982.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/28/2003

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	U
120-82-1	1,2,4-Trichlorobenzene	10	U

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: A3A10706

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2982.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/28/2003

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

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.	BENZENE DERIVATIVE	18.96	390	J
2.	BENZENE DERIVATIVE	19.28	670	J
3.	BENZENE DERIVATIVE	19.83	990	J
4.	BENZENE DERIVATIVE	19.96	1000	J
5.	BENZENE DERIVATIVE	20.41	310	J
6.	TETRAMETHYLBENZENE ISOMER	20.64	2000	J
7.	AROMATIC DERIVATIVE	21.03	360	J
8.	UNKNOWN	21.25	1200	J
9.	BENZENE DERIVATIVE	21.83	180	J
10. 91-20-3	NAPHTHALENE	22.20	440	JN

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10702

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2957.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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
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
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

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10702

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2957.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10702

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2957.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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-20

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10713

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2964.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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
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
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

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: A3A10713

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2964.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

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: A3A10713

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2964.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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: A3A10703

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2958.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	0.4	J
67-64-1	Acetone	5	U
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
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	2	
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.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10703

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2958.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

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: A3A10703

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2958.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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

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

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	BENZENE DERIVATIVE	19.43	4	J
2.	BENZENE DERIVATIVE	19.85	2	J
3.	BENZENE DERIVATIVE	19.99	4	J
4.	BENZENE DERIVATIVE	20.44	2	J
5.	TETRAMETHYL BENZENE ISOMER	20.65	6	J
6.	AROMATIC DERIVATIVE	21.28	5	J

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: A3A10714

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2965.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	0.5	J
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
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

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: A3A10714

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2965.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

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: A3A10714

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2965.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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: A3A10705

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2981.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/28/2003

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	20	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	4	J
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	4	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	U
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	U
127-18-4	Tetrachloroethene	84	
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

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: A3A10705

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2981.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/28/2003

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	17	
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	U
120-82-1	1,2,4-Trichlorobenzene	10	U

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: A3A10705

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2981.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/28/2003

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	18.96	50	J
2.	BENZENE DERIVATIVE	19.41	220	J
3.	BENZENE DERIVATIVE	19.84	120	J
4.	BENZENE DERIVATIVE	20.43	48	J
5.	TETRAMETHYLBENZENE ISOMER	20.65	260	J
6.	AROMATIC DERIVATIVE	21.03	49	J
7.	UNKNOWN	21.26	170	J
8.	BENZENE DERIVATIVE	21.84	26	J
9. 91-20-3	NAPHTHALENE	22.21	56	JN

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: A3A10717

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2979.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/28/2003

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
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
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

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: A3A10717

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2979.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/28/2003

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	U

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: A3A10717

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2979.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: not dec. _____ Date Analyzed: 10/28/2003

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 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10709

Sample wt/vol: 980.00 (g/mL) ML Lab File ID: Z59108.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

Injection Volume: 2.00 (uL) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	26	U
106-44-5	4-Methylphenol	26	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10708

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59091.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
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: A3A10715

Sample wt/vol: 1015.0 (g/mL) ML Lab File ID: Z59114.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
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: A3A10716

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59115.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

DG-1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10711

Sample wt/vol: 1025.0 (g/mL) ML Lab File ID: Z59110.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

DUPLICATE

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10710

Sample wt/vol: 990.00 (g/mL) ML Lab File ID: Z59109.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-12

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10704

Sample wt/vol: 1030.0 (g/mL) ML Lab File ID: Z59087.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-14

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10701

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z59082.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10707

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59090.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
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: A3A10712

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59111.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
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: A3A10706

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z59089.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	4	J
106-44-5	4-Methylphenol	63	

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10702

Sample wt/vol: 1010.0 (g/mL) ML Lab File ID: Z59085.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
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: A3A10713

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z59112.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
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: A3A10703

Sample wt/vol: 1015.0 (g/mL) ML Lab File ID: Z59086.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
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: A3A10714

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59113.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 - METHOD 8270 SELECT LIST
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: A3A10705

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z59088.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

Injection Volume: 2.00 (uL) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	25	
106-44-5	4-Methylphenol	200	

ASP 2000 CLP - VOLATILES
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

	Client Sample ID	BFB %REC	#							TOT OUT
1	A-42S	94								0
2	A-43S	88								0
3	A26S	92								0
4	A27S	96								0
5	DG-1	94								0
6	DUPLICATE	100								0
7	ME-12	98								0
8	ME-14	98								0
9	ME-14	100								0
10	ME-14	99								0
11	ME-18	97								0
12	ME-19	98								0
13	MSB24	102								0
14	MSB25	103								0
15	MW-10	103								0
16	MW-2	98								0
17	MW-20	91								0
18	MW-6	98								0
19	MW-8	99								0
20	MW-9	92								0
21	TRIP BLANK	99								0
22	VBLK24	97								0
23	VBLK25	90								0
24	VHB	90								0

QC LIMITS

BFB = p-Bromofluorobenzene (80-120)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

ASP 2000 - METHOD 8270 SELECT LIST
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

	Client Sample ID	2CP %REC	#	2FP %REC	#	DCB %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#	TOT OUT
1	A-42S	60		34		58		56		56		24		92		81		0
2	A-43S	76		38		74		93		83		20		99		79		0
3	A26S	70		41		65		84		75		26		78		72		0
4	A27S	68		38		63		74		68		25		83		80		0
5	DG-1	66		39		59		77		67		27		83		88		0
6	DUPLICATE	75		46		65		58		70		34		99		85		0
7	Matrix Spike Blank	74		44		65		86		75		31		113		92		0
8	ME-12	64		37		60		83		66		27		94		90		0
9	ME-14	69		37		69		96		75		28		97		90		0
10	ME-14	57		31		58		82		67		24		56		81		0
11	ME-14	64		32		64		86		75		26		67		86		0
12	ME-18	49		20	*	64		88		74		13		71		85		1
13	ME-19	64		34		66		81		71		22		76		75		0
14	MW-10	64		35		53		44		54		28		95		71		0
15	MW-2	70		41		66		85		71		29		93		82		0
16	MW-20	64		40		60		77		69		26		87		81		0
17	MW-6	75		42		72		98		78		30		107		86		0
18	MW-8	67		39		65		83		74		25		84		87		0
19	MW-9	60		31		58		20	*	58		24		79		61		1
20	S Blank	80		45		72		92		81		31		107		92		0

		QC LIMITS
2CP	= 2-Chlorophenol-d4	(33-110)
2FP	= 2-Fluorophenol	(21-110)
DCB	= 1,2-Dichlorobenzene-d4	(16-110)
FBP	= 2-Fluorobiphenyl	(43-116)
NBZ	= Nitrobenzene-D5	(35-114)
PHL	= Phenol-D5	(10-110)
TBP	= 2,4,6-Tribromophenol	(10-123)
TPH	= p-Terphenyl-d14	(33-141)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

ASP 2000 CLP - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A3A10719

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

Matrix Spike - Client Sample No.: ~~VBLK24~~ MSB24 10/29/2003

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Vinyl chloride	5.0	5.2	105	60 - 140
1,2-Dichloroethane	5.0	6.1	123	60 - 140
Carbon Tetrachloride	5.0	5.0	100	60 - 140
1,2-Dichloropropane	5.0	5.1	103	60 - 140
cis-1,3-Dichloropropene	5.0	5.2	105	60 - 140
Trichloroethene	5.0	5.0	101	60 - 140
1,1,2-Trichloroethane	5.0	5.2	106	60 - 140
Benzene	5.0	6.4	129	60 - 140
Bromoform	5.0	5.3	108	60 - 140
Tetrachloroethene	5.0	5.2	104	60 - 140
1,2-Dibromoethane	5.0	5.3	106	60 - 140
1,4-Dichlorobenzene	5.0	5.1	102	60 - 140

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

* Values outside of QC limits

Spike recovery: 0 out of 12 outside limits

Comments: _____

_____

ASP 2000 CLP - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A3A10721

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

Matrix Spike - Client Sample No.: ~~VBLK25~~ MSB25 10/29/2003

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Vinyl chloride	5.0	4.2	86	60 - 140
1,2-Dichloroethane	5.0	5.8	118	60 - 140
Carbon Tetrachloride	5.0	4.4	90	60 - 140
1,2-Dichloropropane	5.0	4.6	92	60 - 140
cis-1,3-Dichloropropene	5.0	4.7	94	60 - 140
Trichloroethene	5.0	4.4	89	60 - 140
1,1,2-Trichloroethane	5.0	4.7	94	60 - 140
Benzene	5.0	5.5	111	60 - 140
Bromoform	5.0	4.9	99	60 - 140
Tetrachloroethene	5.0	4.4	89	60 - 140
1,2-Dibromoethane	5.0	4.9	98	60 - 140
1,4-Dichlorobenzene	5.0	4.7	95	60 - 140

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

* Values outside of QC limits

Spike recovery: 0 out of 12 outside limits

Comments: _____

ASP 2000 CLP - VOLATILES
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A3A10701

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

Matrix Spike - Client Sample No.: ME-14

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
Vinyl chloride	5.0	0	6.5	132	60 - 140
1,2-Dichloroethane	5.0	0	6.2	124	60 - 140
Carbon Tetrachloride	5.0	0	5.6	113	60 - 140
1,2-Dichloropropane	5.0	0	5.6	113	60 - 140
cis-1,3-Dichloropropene	5.0	0	5.1	102	60 - 140
Trichloroethene	5.0	0	5.4	109	60 - 140
1,1,2-Trichloroethane	5.0	0	5.5	111	60 - 140
Benzene	5.0	0	7.1	144 *	60 - 140
Bromoform	5.0	0	5.4	108	60 - 140
Tetrachloroethene	5.0	1.5	7.7	124	60 - 140
1,2-Dibromoethane	5.0	0	5.3	108	60 - 140
1,4-Dichlorobenzene	5.0	0	5.2	106	60 - 140

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl chloride	5.0	5.9	118	11	20	60 - 140
1,2-Dichloroethane	5.0	6.5	131	5	20	60 - 140
Carbon Tetrachloride	5.0	5.7	116	3	20	60 - 140
1,2-Dichloropropane	5.0	5.8	118	4	20	60 - 140
cis-1,3-Dichloropropene	5.0	5.4	108	6	20	60 - 140
Trichloroethene	5.0	5.7	115	5	20	60 - 140
1,1,2-Trichloroethane	5.0	5.7	115	4	20	60 - 140
Benzene	5.0	8.4	169 *	16	20	60 - 140
Bromoform	5.0	5.8	117	8	20	60 - 140
Tetrachloroethene	5.0	7.3	117	6	20	60 - 140
1,2-Dibromoethane	5.0	5.6	113	4	20	60 - 140
1,4-Dichlorobenzene	5.0	5.4	109	3	20	60 - 140

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

* Values outside of QC limits

RPD: 0 out of 12 outside limits
Spike recovery: 2 out of 24 outside limits

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A3A10701

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

Matrix Spike - Client Sample No.: ME-14

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
Phenol	78.9	0	19.4	25	12 - 110

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	78.9	20.6	26	4	42	12 - 110

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

* Values outside of QC limits

RPD: 0 out of 1 outside limits
Spike recovery: 0 out of 2 outside limits

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
WATER MATRIX SPIKE BLANK RECOVERY

ab Name: STL Buffalo Contract: _____ Lab Samp ID: A3B1196102

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

atrix Spike - Client Sample No.: S Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	75.0	23.5	31	12 - 110

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

Values outside of QC limits

pike recovery: 0 out of 1 outside limits

omments: _____

ASP 2000 CLP - VOLATILES
METHOD BLANK SUMMARY

Client No.: VBLK24

Lab Name: STL Buffalo Contract: _____

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

Lab File ID: L2954.RR Lab Sample ID: A3A10719

Date Analyzed: 10/27/2003 Time Analyzed: 14:31

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: I50L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	A-42S	A3A10709	L2970.RR	22:42
2	A-43S	A3A10708	L2961.RR	18:07
3	A26S	A3A10715	L2966.RR	20:40
4	A27S	A3A10716	L2967.RR	21:10
5	DG-1	A3A10711	L2962.RR	18:37
6	DUPLICATE	A3A10710	L2971.RR	23:12
7	ME-12	A3A10704	L2959.RR	17:06
8	ME-14	A3A10701	L2956.RR	15:34
9	ME-14	A3A10701MS	L2968.RR	21:41
10	ME-14	A3A10701SD	L2969.RR	22:11
11	ME-18	A3A10707	L2960.RR	17:36
12	ME-19	A3A10712	L2963.RR	19:08
13	MSB24	A3A10720	L2955.RR	15:01
14	MW-2	A3A10702	L2957.RR	16:04
15	MW-20	A3A10713	L2964.RR	19:38
16	MW-6	A3A10703	L2958.RR	16:35
17	MW-8	A3A10714	L2965.RR	20:09

Comments: _____

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK24

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10719

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2954.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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
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
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

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK24

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10719

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2954.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/27/2003

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	U

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK24

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10719

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2954.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 10/27/2003

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
METHOD BLANK SUMMARY

Client No.: VBLK25

Lab Name: STL Buffalo Contract: _____

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

Lab File ID: L2977.RR Lab Sample ID: A3A10721

Date Analyzed: 10/28/2003 Time Analyzed: 10:46

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: I50L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB25	A3A10722	L2978.RR	11:17
2	MW-10	A3A10706	L2982.RR	13:23
3	MW-9	A3A10705	L2981.RR	12:52
4	TRIP BLANK	A3A10717	L2979.RR	11:51
5	VHB	A3A10718	L2980.RR	12:22

Comments: _____

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK25

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10721

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2977.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/28/2003

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
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
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

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK25

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10721

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2977.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/28/2003

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	U

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK25

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3A10721

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L2977.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 10/28/2003

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 - METHOD 8270 SELECT LIST
METHOD BLANK SUMMARY

Client No.: S Blank

Lab Name: STL Buffalo Contract: _____

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

Lab File ID: Z59081.RR Lab Sample ID: A3B1196102

Instrument ID: I50Z-A Date Extracted: 10/21/2003

Matrix: (soil/water) WATER Date Analyzed: 10/22/2003

Level: (low/med) LOW Time Analyzed: 15:52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	A-42S	A3A10709	Z59108.RR	10/24/2003
2	A-43S	A3A10708	Z59091.RR	10/22/2003
3	A26S	A3A10715	Z59114.RR	10/24/2003
4	A27S	A3A10716	Z59115.RR	10/24/2003
5	DG-1	A3A10711	Z59110.RR	10/24/2003
6	DUPLICATE	A3A10710	Z59109.RR	10/24/2003
7	Matrix Spike Blank	A3B1196101	Z59080.RR	10/22/2003
8	ME-12	A3A10704	Z59087.RR	10/22/2003
9	ME-14	A3A10701	Z59082.RR	10/22/2003
10	ME-14	A3A10701MS	Z59083.RR	10/22/2003
11	ME-14	A3A10701SD	Z59084.RR	10/22/2003
12	ME-18	A3A10707	Z59090.RR	10/22/2003
13	ME-19	A3A10712	Z59111.RR	10/24/2003
14	MW-10	A3A10706	Z59089.RR	10/22/2003
15	MW-2	A3A10702	Z59085.RR	10/22/2003
16	MW-20	A3A10713	Z59112.RR	10/24/2003
17	MW-6	A3A10703	Z59086.RR	10/22/2003
18	MW-8	A3A10714	Z59113.RR	10/24/2003
19	MW-9	A3A10705	Z59088.RR	10/22/2003

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

S Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3B1196102

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z59081.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U

ASP 2000 CLP - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A3C0006259

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

Lab File ID (Standard): L2953.RR Date Analyzed: 10/27/2003

Instrument ID: I50L Time Analyzed: 13:41

GC Column(1): DB-624 ID: 0.530 (mm) Heated Purge: (Y/N) N

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	313993		15.24		270671		18.88		294719		9.73	
	UPPER LIMIT	439590		15.57		378939		19.21		412607		10.06	
	LOWER LIMIT	188396		14.91		162403		18.55		176831		9.40	
	CLIENT SAMPLE												
1	A-42S	304311		15.24		228321		18.88		329814		9.73	
2	A-43S	283324		15.24		208709		18.89		294329		9.74	
3	A26S	284088		15.24		206881		18.88		304238		9.73	
4	A27S	281578		15.23		218886		18.86		299865		9.71	
5	DG-1	282480		15.24		207588		18.88		303779		9.74	
6	DUPLICATE	293254		15.23		227690		18.86		344218		9.74	
7	ME-12	276498		15.25		207373		18.89		290150		9.74	
8	ME-14	285169		15.25		211100		18.90		304190		9.74	
9	ME-14	320014		15.23		272477		18.86		305355		9.71	
10	ME-14	323433		15.23		272601		18.86		319706		9.73	
11	ME-18	281922		15.24		207350		18.88		294452		9.74	
12	ME-19	282748		15.24		215888		18.88		299151		9.73	
13	MSB24	313942		15.26		270644		18.90		286617		9.76	
14	MW-2	284967		15.24		208240		18.89		301771		9.73	
15	MW-20	278287		15.23		203956		18.88		292841		9.73	
16	MW-6	278112		15.24		214434		18.89		295339		9.73	
17	MW-8	270463		15.24		201134		18.88		288208		9.73	
18	VBLK24	285373		15.25		206558		18.89		303373		9.74	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(60-140)	-0.33 / +0.33 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(60-140)	-0.33 / +0.33 min
IS3 (DFB) = 1,4-Difluorobenzene	(60-140)	-0.33 / +0.33 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

ASP 2000 CLP - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A3C0006260

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

Lab File ID (Standard): L2976.RR Date Analyzed: 10/28/2003

Instrument ID: I50L Time Analyzed: 10:03

GC Column(1): DB-624 ID: 0.530(mm) Heated Purge: (Y/N) N

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	292673		15.20		245056		18.85		303939		9.68	
	UPPER LIMIT	409742		15.53		343078		19.18		425515		10.01	
	LOWER LIMIT	175604		14.87		147034		18.52		182363		9.35	
	CLIENT SAMPLE												
1	MSB25	292286		15.21		249060		18.85		282505		9.69	
2	MW-10	331994		15.21		283940		18.85		392931		9.69	
3	MW-9	268848		15.23		258848		18.86		282039		9.70	
4	TRIP BLANK	257159		15.23		186971		18.86		290066		9.68	
5	VBLK25	267924		15.21		189717		18.85		304689		9.68	
6	VHB	264472		15.23		186923		18.88		263864		9.71	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(60-140)	-0.33 / +0.33 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(60-140)	-0.33 / +0.33 min
IS3 (DFB) = 1,4-Difluorobenzene	(60-140)	-0.33 / +0.33 min

Column to be used to flag recovery values
* Values outside of contract required QC limits

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A3C0006195

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

Lab File ID (Standard): Z59072.RR Date Analyzed: 10/22/2003

Instrument ID: I50Z-A Time Analyzed: 10:27

		IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	748814		14.65		1182778		21.35		344548		7.67	
	UPPER LIMIT	1497628		15.15		2365556		21.85		689096		8.17	
	LOWER LIMIT	374407		14.15		591389		20.85		172274		7.17	
	CLIENT SAMPLE												
1	A-43S	628742		14.65		1177474		21.35		269868		7.67	
2	Matrix Spike Blank	585902		14.67		1067466		21.35		283485		7.68	
3	ME-12	554757		14.65		998258		21.35		265227		7.68	
4	ME-14	555068		14.65		1033292		21.35		261808		7.68	
5	ME-14	585384		14.65		1063464		21.35		265206		7.68	
6	ME-14	580215		14.65		1051723		21.35		255365		7.68	
7	ME-18	571077		14.65		1079504		21.35		274204		7.67	
8	MW-10	1115569		14.77		1216582		21.35		281560		7.68	
9	MW-2	526735		14.65		1023158		21.35		243477		7.68	
10	MW-6	516262		14.65		993313		21.35		240614		7.67	
11	MW-9	3168627	*	14.90		1588841		21.35		325049		7.68	
12	S Blank	573200		14.65		1117565		21.35		281246		7.68	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A3C0006195

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

Lab File ID (Standard): Z59072.RR Date Analyzed: 10/22/2003

Instrument ID: I50Z-A Time Analyzed: 10:27

		IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1322334		10.53		1245608		17.42		1100993		23.82	
	UPPER LIMIT	2644668		11.03		2491216		17.92		2201986		24.32	
	LOWER LIMIT	661167		10.03		622804		16.92		550497		23.32	
	CLIENT SAMPLE												
1	A-43S	1024708		10.53		1012546		17.42		1313557		23.82	
2	Matrix Spike Blank	1040172		10.53		966383		17.42		1292561		23.82	
3	ME-12	971618		10.53		963648		17.42		1149444		23.82	
4	ME-14	980801		10.53		975643		17.42		1185310		23.82	
5	ME-14	992008		10.53		991495		17.42		1187702		23.82	
6	ME-14	960249		10.53		970627		17.42		1186469		23.82	
7	ME-18	1034468		10.53		983302		17.42		1209716		23.82	
8	MW-10	1157308		10.57		1099786		17.42		1342423		23.83	
9	MW-2	898710		10.53		952053		17.42		1165339		23.82	
10	MW-6	890187		10.53		890796		17.42		1119944		23.82	
11	MW-9	1385179		10.55		1406909		17.42		1681876		23.83	
12	S Blank	1035015		10.53		981314		17.42		1298999		23.82	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A3C0006249

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

Lab File ID (Standard): Z59107.RR Date Analyzed: 10/24/2003

Instrument ID: I50Z-A Time Analyzed: 08:07

		IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	618239		14.62		1091850		21.32		290992		7.62	
	UPPER LIMIT	1236478		15.12		2183700		21.82		581984		8.12	
	LOWER LIMIT	309120		14.12		545925		20.82		145496		7.12	
	CLIENT SAMPLE												
1	A-42S	1121828		14.62		1330245		21.32		326284		7.63	
2	A26S	693345		14.62		1337047		21.32		312115		7.63	
3	A27S	723507		14.60		1250733		21.32		313679		7.63	
4	DG-1	629296		14.62		1153496		21.32		299587		7.63	
5	DUPLICATE	1066344		14.62		1221952		21.32		289769		7.63	
6	ME-19	639119		14.62		1259494		21.32		284644		7.63	
7	MW-20	585996		14.62		1081608		21.32		289331		7.63	
8	MW-8	614701		14.62		1171398		21.32		287328		7.63	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A3C0006249

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

Lab File ID (Standard): Z59107.RR Date Analyzed: 10/24/2003

Instrument ID: I50Z-A Time Analyzed: 08:07

		IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1077272		10.48		1042265		17.38		910607		23.77	
	UPPER LIMIT	2154544		10.98		2084530		17.88		1821214		24.27	
	LOWER LIMIT	538636		9.98		521133		16.88		455304		23.27	
	CLIENT SAMPLE												
1	A-42S	1332691		10.48		1383777		17.38		1136486		23.77	
2	A26S	1126452		10.48		1284214		17.38		1236990		23.77	
3	A27S	1198838		10.48		1319548		17.38		1195006		23.77	
4	DG-1	1088817		10.48		1134907		17.38		1102145		23.77	
5	DUPLICATE	1188939		10.50		1197312		17.38		1206773		23.77	
6	ME-19	1066882		10.48		1157002		17.38		1185610		23.77	
7	MW-20	1022623		10.48		1069925		17.38		1033789		23.77	
8	MW-8	1046346		10.48		1117678		17.38		1091318		23.77	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

SAMPLE DATA PACKAGE

SDG NARRATIVE

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A3A10709	A-42S	10/16/2003	17:15	10/18/2003	10:45
A3A10708	A-43S	10/16/2003	16:50	10/18/2003	10:45
A3A10715	A26S	10/16/2003	16:45	10/18/2003	10:45
A3A10716	A27S	10/16/2003	17:20	10/18/2003	10:45
A3A10711	DG-1	10/16/2003	14:27	10/18/2003	10:45
A3A10710	DUPLICATE	10/16/2003		10/18/2003	10:45
A3A10704	ME-12	10/16/2003	14:50	10/18/2003	10:45
A3A10701	ME-14	10/16/2003	12:30	10/18/2003	10:45
A3A10701MS	ME-14	10/16/2003	12:30	10/18/2003	10:45
A3A10701SD	ME-14	10/16/2003	12:30	10/18/2003	10:45
A3A10707	ME-18	10/16/2003	16:10	10/18/2003	10:45
A3A10712	ME-19	10/16/2003	15:00	10/18/2003	10:45
A3A10706	MW-10	10/16/2003	15:45	10/18/2003	10:45
A3A10702	MW-2	10/16/2003	13:12	10/18/2003	10:45
A3A10713	MW-20	10/16/2003	13:30	10/18/2003	10:45
A3A10703	MW-6	10/16/2003	14:20	10/18/2003	10:45
A3A10714	MW-8	10/16/2003	16:20	10/18/2003	10:45
A3A10705	MW-9	10/16/2003	15:30	10/18/2003	10:45
A3A10717	TRIP BLANK	10/16/2003		10/18/2003	10:45

METHODS SUMMARY

Job#: A03-A107

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES

PARAMETER	ANALYTICAL METHOD	
ASP 2000 CLP - VOLATILES	ASP00	ASP00-4
ASP 2000 - METHOD 8270 SELECT LIST	ASP00	8270

References:

ASP00 "Analytical Services Protocol", New York State Department of Conservation, June 2000.

NON-CONFORMANCE SUMMARY

Job#: A03-A107

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-A107
Sample Cooler(s) were received at the following temperature(s); 3 @ 2.0 °C
One sample bottle was received broken for sample MW-9 and DG-1 for analysis by Method 8270. Sufficient volume remained to complete the analysis.

GC/MS Volatile Data

The recovery of the analyte Benzene in the Matrix Spike and Matrix Spike Duplicate of sample ME-14 exceeded QC limits. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

All samples were preserved to a PH less than 2.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Candace L. Fox
Project Manager

10/30/2003
Date

Date: 10/30/2003
Time: 14:30:57

Dilution Log w/Code Information
For Job A03-A107

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
MW-9	A3A10705	8270	5.00	002
MW-9	A3A10705	ASP00-4	10.00	004
MW-10	A3A10706	ASP00-4	10.00	004
A-42S	A3A10709	8270	5.00	002
A-42S	A3A10709	ASP00-4	5.00	004
DUPLICATE	A3A10710	ASP00-4	5.00	004

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

CHAIN OF CUSTODY DOCUMENTATION

Chain of Custody Record

STL-4124 (0901)

SEVERN TRENT SERVICES **Severn Trent Laboratories, Inc.**

Client: Shaw E&I	Project Manager: Brian Neumann	Date: 10/16/03	Chain of Custody Number: 133453
Address: 13 British American BLVD	Telephone Number (Area Code)/Fax Number: 518-783-1996 - 518 783-8397	Lab Number	Page ___ of 2
City: Latham / State: NY / Zip Code: 12110	Site Contact / Lab Contact		
Project Name and Location (State): FLAGSHIP	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		8041	8260
ME-14	10/16/03	12:30		✓				3			3				✓	✓
ME-14 MS	10/16/03	12:30						2			2				✓	✓
ME-14 MSD	10/16/03	12:30						2			2				✓	✓
MW-2	10/16/03	13:12		✓				2			2				✓	✓
MW-6	10/16/03	14:20		✓				2			2				✓	✓
ME-12	10/16/03	14:50		✓				2			2				✓	✓
MW-9	10/16/03	15:30		✓				2			2				✓	✓
MW-10	10/16/03	15:45		✓				2			2				✓	✓
ME-18	10/16/03	16:10		✓				2			2				✓	✓
A-43S	10/16/03	16:50		✓				2			2				✓	✓
A-42S	10/16/03	17:15		✓				2			2				✓	✓
Duplicate	10/16/03	[illegible]		✓				2			2				✓	✓

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other Normal Cat B

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	10/17/03		1. Received By: [signature] STL	10/18/03	1045
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: MW-9 + 10 use Defoaming agent 3@2.0°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

1/628

ANALYTICAL REPORT
Revised

Job#: A03-A107

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES
Task: AMERICAN AIRLINES - DUTCHESS COUNTY

Mr. Brian Neuman
Shaw E&I Inc.
13 British American Blvd.
Latham, NY 12110-1405

STL Buffalo

for Candace L. Fox
Project Manager

12/02/2003

6/628

NON-CONFORMANCE SUMMARY

Job#: A03-A107

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-A107
Sample Cooler(s) were received at the following temperature(s); 3 @ 2.0 °C
One sample bottle was received broken for sample MW-9 and DG-1 for analysis by Method 8270. Sufficient volume remained to complete the analysis.

GC/MS Volatile Data

The recovery of the analyte Benzene in the Matrix Spike and Matrix Spike Duplicate of sample ME-14 exceeded QC limits. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

All samples were preserved to a PH less than 2.

Revision Comments

GC/MS Semivolatile Data (Revision)

This report has been revised to include napthalene results.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Lisa Shoffner

for Candace L. Fox
Project Manager

12/2/2003
Date

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

65/628
Client No.

A-42S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10709

ample wt/vol: 980.00 (g/mL) ML Lab File ID: Z59108.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

njection Volume: 2.00 (uL) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	26	U
106-44-5	4-Methylphenol	26	U
91-20-3	Naphthalene	350	

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

66/628

Client No.

A-43S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10708

ample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59091.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	2	J

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

67/628

Client No.

A26S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10715

ample wt/vol: 1015.0 (g/mL) ML Lab File ID: Z59114.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

68/628

Client No.

A27S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10716

ample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59115.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

69/628

Client No.

DG-1

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10711

ample wt/vol: 1025.0 (g/mL) ML Lab File ID: Z59110.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

70/628
Client No.

DUPLICATE

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10710

ample wt/vol: 990.00 (g/mL) ML Lab File ID: Z59109.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	190	E

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

71/628

Client No.

ME-12

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10704

ample wt/vol: 1030.0 (g/mL) ML Lab File ID: Z59087.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

72/628
Client No.

ME-14

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10701

ample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z59082.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

73/628
Client No.

ME-18

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10707

ample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59090.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

: Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

74/628

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: A3A10712

ample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59111.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

75/628

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: A3A10706

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z59089.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	4	J
106-44-5	4-Methylphenol	63	
91-20-3	Naphthalene	490	E

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

76/628

Client No.

MW-2

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3A10702

ample wt/vol: 1010.0 (g/mL) ML Lab File ID: Z59085.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

77/628

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: A3A10713

ample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z59112.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

78/628

Client No.

MW-6

ab Name: STL Buffalo Contract: _____

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

latrix: (soil/water) WATER Lab Sample ID: A3A10703

ample wt/vol: 1015.0 (g/mL) ML Lab File ID: Z59086.RR

evel: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

: Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	2	J

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

79/628

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: A3A10714

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z59113.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

80/628

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: A3A10705

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z59088.RR

Level: (low/med) LOW Date Samp/Recv: 10/16/2003 10/18/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

Injection Volume: 2.00 (uL) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	25	
106-44-5	4-Methylphenol	200	
91-20-3	Naphthalene	810	E

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

97/628

Client No.

S Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3B1196102

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z59081.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/21/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/2003

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
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U