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July 10, 2009

Mr. John Rashak, Environmental Engineer I
Division of Environmental Remediation
New York State Department of Environmental Conservation, Region III
21 South Putt Corners Road
New Paltz, New York 12561-1696

Re: Post System Closure - March 2009 Groundwater Results
Former Flagship Airlines Hangar Facility, Site #314101
Dutchess County Airport, Wappingers Falls, New York

Dear Mr. Rashak:

Shaw Environmental, Inc. (Shaw) is pleased to provide this Post System Closure Groundwater Report for the former Flagship Airlines Hangar Facility (Site). As outlined in the September 18, 2007 letter from the New York State Department of Environmental Conservation (NYSDEC) Shaw was requested to conduct a groundwater and indoor air/sub-slab vapor investigation at the Site, located at the Dutchess County Airport, in Wappingers Falls, Dutchess County, New York as part of post system closure monitoring. A site map is included as **Figure 1**. The following will summarize the sixth round of the six proposed groundwater sampling rounds conducted in accordance with the approved 2007-2009 *Final Post Shutdown Groundwater Monitoring and Indoor Air Sampling Work Plan*, dated November 16, 2007. No additional work is planned at this time.

1.0 Site Background

The former Flagship Airlines Hangar Facility at the Dutchess County Airport was used for washing aircraft and performing maintenance work. This maintenance work required the use of jet fuel, heating oil and various solvents. The NYSDEC became involved with the Site in 1988 when a leaking heating-oil tank was discovered. The initial investigation soon expanded into a multi-phased remedial investigation (RI) to determine potential volatile and semi-volatile organic compound (VOC and SVOC) impacts in the shallow groundwater. As a result of the RI, five underground storage tanks and a septic tank that were present at the Site were all removed prior to 1996. On March 19, 1999, American Eagle Airlines signed an Order on Consent with the NYSDEC, Index No. W3-0837-98-12.

1.1 Remedial History

A soil vapor extraction (SVE) system was installed in 1988 as an interim remedial measure (IRM) to reduce the elevated levels of benzene, toluene, ethylbenzene and xylene (BTEX) in the unsaturated soil in the vicinity of the fuel oil release. An RI conducted during installation of the SVE system indicated the occurrence of residual dissolved impacts in the groundwater. In 1992, 1,020 gallons of water were pumped from monitoring wells MW-9 and MW-10 located near the gravel bed which served as the overflow drainage system to the wash water tank, the wash water tank was removed in 1995.

The phased RI was conducted between 1990 and 1996. An IRM based on the November 1999 Remedial Investigation (RI) and Feasibility Study (FS) Reports was implemented in 2000. As part of the IRM, a SVE and air sparging (AS) system were installed and began operating during August of 2000. Quarterly groundwater samples have been collected since August 2000 to monitor the efficiency of this remedial measure. Data collected from the groundwater sampling events has been presented in the quarterly O&M reports for the Site. As of October 2005, groundwater sampling and O&M reporting were performed on a semi-annual basis.

The New York State Department of Health (NYSDOH) requested that indoor air samples be collected in order for the SVE/AS system to be decommissioned. Shaw performed the original indoor air/sub-slab vapor investigation on March 29, 2006 and subsequent investigations on March 8, 2007, and January 30, 2008.

Upon approval of the *Indoor Air Sampling Report*, dated September 5, 2007, as outlined in a letter from NYSDEC dated September 18, 2007 the NYSDEC granted permission to shut down the AS/SVE system. At that time, NYSDEC also stipulated the following requirements:

- 6 quarterly groundwater sampling events occur between December 2007 and March 2009.
- A work plan be submitted for annual sub-slab and indoor air monitoring for two consecutive heating seasons by October 15, 2007.

On November 16, 2007, Shaw submitted the 2007-2009 Final Post Shutdown Groundwater Monitoring and Indoor Air Sampling Work Plan which was approved in a November 23, 2007 letter from the NYSDEC.

2.0 Groundwater Results

The following section discusses the results of the sixth round of six quarterly post system closure groundwater sampling events. For a complete description and analysis of historical groundwater sampling results please refer to the previously submitted Operation Maintenance and Monitoring Reports from February 2002 through December 2008. A well location map is included as **Figure 2**.

2.1 Field Parameters/Groundwater Elevation

The water level measurements and field parameters collected on March 18 and March 19, 2008 from monitoring wells located on the former Flagship and former IBM hangar properties are shown in **Table 1**. Based upon depth to groundwater data obtained during the sampling event, the apparent groundwater flow is in a north/northwest direction as shown in **Figure 3**.

Groundwater elevations on the former Flagship property ranged from 155.56 feet (ME-16) to 152.80 feet (ME-13). On the former IBM property, groundwater elevations ranged from 153.67 feet (A-40S) to 151.03 feet (A-44S). Groundwater elevations observed during the March 2009 event were seasonably consistent when compared to historic groundwater elevations.

In December 2007, MW-1 was damaged by a snowplow. The roadbox had been removed and the exposed pvc was uncapped when Shaw personnel arrived at the site in March, 2008. Shaw has determined that MW-1 is not able to be repaired and thus will be abandoned at a later date.

Wells sampled on both properties included ME-12, ME-14, ME-18, ME-19, MW-2, MW-6, MW-8, MW-9/10R, MW-20, DG-1, A-26S, A-27S, A-42S and A-43S. The locations of these wells are shown on **Figure 2**.

Low flow sampling methodology was utilized in the collection of groundwater at the Site. This method is beneficial because; less disruption is caused to the water column, the agitation of suspended particles is less severe, potential aspiration of VOCs or other contaminants is minimized, and less volume of groundwater is removed. The method entails the removal of water by pumping the well at low enough flow rates to maintain minimal drawdown of the water column followed by in-line sample collection.

2.2 Groundwater Quality Results

Historical and current analytical results of the samples collected from the monitoring well network during the post system closure reporting period are presented in **Table 2**. A current summary of the analytical results is presented as **Figure 4**. Field data sheets from this period are included as **Appendix A**. The Chain of Custody is presented in **Appendix B**. The laboratory data packages are included as **Appendix C**.

The presence of dissolved concentrations of compounds of concern on the former Flagship property during the March 2009 sampling event occurred in ME-14, which yielded a value of 0.38 µg/L of Tetrachloroethene (PCE), in MW-8 and ME-19 which yielded a value of 0.27 µg/L and 0.25 µg/L, respectively for cis-1,2-dichloroethene. All three detections were well below the NYSDEC T.O.G.S (Technical & Operational Guidance Series) standard guidance value of 5 µg/L for these individual compounds. MW-9/10R did not contain any compounds of concerns above the laboratory quantitivation limits in the area of the former concrete drain the laboratories detection limits during this latest sampling event. This marks seventeen consecutive groundwater sampling events with no detections above the laboratory limits in the area of the former concrete drain.

The sample collected from the former IBM property monitoring well A-26S exhibited laboratory detections above the sample quantitation limits. A-26S located in the southwest portion of the former IBM Hangar Facility parking lot, east of the IBM hangar facility had detections of 1,1-Dichloroethane (DCA) at 9.4 µg/L, above the NYSDEC standard set at 5 µg/L. A-26S also contained trace amounts of cis-1,2 Dichloroethene (DCE) and Vinyl Chloride, at 0.40 µg/L and 0.42 µg/L, respectively.

The sample collected from A-27S located near the eastern corner of the IBM hangar facility exhibited detections above the sample quantitation limits but below NYSDEC Standards for 1,1-DCA (1.8 µg/L), cis-1,2 Dichloroethene (DCE) (4.9 µg/L), 1,2 DCE (total) (4.9 µg/L) and Vinyl Chloride (1.2 µg/L).

The sample collected from the former IBM property monitoring well A-42S exhibited laboratory detections above the sample quantitation limits. A-42-S located in the central portion of the well field, south of the IBM hangar facility had detections of cis-1,2 Dichloroethene (DCE) at 2.9 µg/L, 1,1-DCA at 0.78 µg/L, 1,2-dichloroethene (total) at 2.9 µg/L and vinyl chloride at 8.8 µg/L. These concentrations were at or below the NYSDEC limit set at 5 µg/L for 1,2 DCE, 1,1-

DCA, 1,2-dichloroethene (total) and cis-1,2 DCE, but exceeded limits set at 2 µg/l for Vinyl Chloride.

The sample collected from A-43S exhibited trace amounts of cis-1,2-Dichloroethene (0.41 µg/L) and 1,1-DCA (0.76 µg/L). A-43S is located 20 feet to the east of the before mentioned A-43S downgradient from former treatment compound.

1,1,1-Trichloroethane, trichloroethene (TCE), toluene and naphthalene were not detected at or above the sample quantitation limits in any of the former IBM property monitoring wells (A-26S, A-27S, A-42S, and A-43S) sampled during this sampling event.

3.0 Conclusion and Recommendation

The up-gradient wells on the former Flagship property have historically demonstrated reductions in total SVOC and VOC concentrations. The March 2009 sampling event yielded no compounds of concern at laboratory detection limits, other than a trace concentration of PCE in ME-14 at 0.38 µg/L.

The presence of the before mentioned compounds of concern in the former IBM property wells, combined with the lack of immediate up-gradient (former Flagship property) detections, suggest that an ongoing source of these remnant contaminants exists on the former IBM leased property near the northeastern area of the former IBM hangar facility. The MW-9/10R area of concern on the former Flagship property is approximately 160 feet up-gradient from this IBM well area. Historically, with the exception of low and infrequent detections in MW-6 and ME-19, no detections have been recorded between these two areas. Groundwater quality trends analysis supporting this conclusion are shown as **Figures 5, 6** and **7**.

Based on the remedial activity results to date, American Airlines requests that NYSDEC reclassify the Site as class 5 status or "Site property closed – does not require continued management". If you require further information please contact the undersigned at (518) 785-2354 (direct).

Sincerely,

Shaw Environmental, Inc.

Marc E. Flanagan
Project Geologist

Shaw Environmental, Inc.

Brian Neumann
Project Manager

Attachments: Tables
Figures
Appendix A – Field Data Sheets
Appendix B – Chain of Custody
Appendix C – Laboratory Data Packages

Cc: Alan Angers
John Parker, Regional Attorney
Anthony Perretta (CD only)
Edward Rose
James Johnson, Esq.
Carol Bogle, Esq.
Shaw, File

TABLES

Table 1
Groundwater Monitoring
Analytical Data Summary - Field Parameters and Measurement
AA Flagship, Wappingers Falls, NY

Monitoring Well Location	DG-1	MW-2	MW-6	MW-8	MW-9/10 R	MW-20
Sample Identification	DG-1	MW-2	MW-6	MW-8	MW-9/10 R	MW-20
Sample Date	19-Mar-09	18-Mar-09	18-Mar-09	18-Mar-09	18-Mar-09	18-Mar-09
Field Parameters	Result	Result	Result	Result	Result	Result
Color	Clear	Clear	Clear	Clear	Clear	Clear
pH (Standard Units)	5.99	6.65	6.79	7.71	6.85	6.54
Conductivity (mS/cm)	0.865	0.410	0.761	0.746	0.628	0.812
Turbidity (NTU)	0.0	0.8	0.7	45.3	0.9	0.0
Dissolved Oxygen (mg/L)	0.39	3.10	4.59	0.95	3.41	2.52
Temperature (^{o}C)	11.07	11.83	10.75	11.75	10.79	15.72
ORP (mv)	206.9	133.1	191.0	79.0	136	202.3
Field Measurements						
Depth to Water	9.00	7.05	3.49	6.52	3.00	5.07
Depth to Well Bottom	19.56	22.97	22.73	25.50	18.50	22.70
Air Monitoring Results (ppm)	0.0	0.0	0.0	0.0	0.0	0.0

Monitoring Well Location	ME-18	ME-19	A-26S	A-27S	A-42S	A-43S
Sample Identification	ME-18	ME-19	A-26S	A-27S	A-42S	A-43S
Sample Date	18-Mar-09	19-Mar-09	18-Mar-09	19-Mar-09	19-Mar-09	18-Mar-09
Field Parameters	Result	Result	Result	Result	Result	Result
Color	Clear	Clear	Clear	Clear	Clear	Clear
pH (Standard Units)	7.51	7.20	7.42	7.72	7.58	7.53
Conductivity (mS/cm)	0.750	0.714	0.937	0.747	0.717	0.890
Turbidity (NTU)	0.0	32.7	78.1*	128*	155*	73.1*
Dissolved Oxygen (mg/L)	7.32	0.49	0.20	0.26	0.60	0.25
Temperature (^{o}C)	9.88	12.44	12.59	12.04	11.74	13.19
ORP (mv)	230	192.1	-18.5	-46.7	11.7	35.6
Field Measurements						
Depth to Water	3.00	7.37	3.17	4.81	5.75	4.45
Depth to Well Bottom	21.90	25.33	23.15	26.15	25.10	25.40
Air Monitoring Results (ppm)	0.0	0.0	0.0	0.0	0.0	0..0

NOTES:
- NM indicates Not Measured.
Depth to groundwater collected at time of sampling
*- Turbidity Sensor Malfunction

Table 1
Groundwater Monitoring
Analytical Data Summary - Field Parameters and Measurement
AA Flagship, Wappingers Falls, NY

Monitoring Well Location	ME-12	ME-14
Sample Identification	ME-12	ME-14
Sample Date	18-Mar-09	18-Mar-09
Field Parameters	Result	Result
Color	Clear	Clear
pH (Standard Units)	6.82	6.51
Conductivity (mS/cm)	0.636	0.672
Turbidity (NTU)	0.0	-7.4
Dissolved Oxygen (mg/L)	1.53	0.26
Temperature (^{o}C)	13.38	11.62
ORP (mv)	214.1	140.2
Field Measurements		
Depth to Water	4.02	4.88
Depth to Well Bottom	24.37	20.60
Air Monitoring Results (ppm)	0.0	0.0

NOTES:
- NM indicates Not Measured.
* - indicates meter anamoly

Table 2
Groundwater Analytical Results
March 18, 2009
Former Flagship Airlines Hangar Dutchess County Airport

Laboratory Analysis	NYSDEC Standard (1)	ME-12	ME-14	ME-18	ME-19	MW-2	MW-6	MW-8	MW-9/10R	MW-20	DG-1	Duplicate (A-43S)	A-26S	A-27S	A-42S	A-43S
Volatile Organic Compound by ASP/CLP Method (µg/L)																
1,1-Dichloroethane	5	U	U	U	U	U	U	U	U	U	U	**0.78**	**9.4**	**1.8**	**0.78**	**0.76**
1,1-Dichloroethene (3)	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-Dichloroethene (3)	5	U	U	U	**0.25**	U	U	**0.27**	U	U	U	**0.4**	**0.4**	**4.9**	**2.9**	**0.41**
trans-1,2-Dichloroethene (3)	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethene, Total	5	U	U	U	U	U	U	U	U	U	U	U	U	**4.9**	**2.9**	U
Chlorobenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloroethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Tetrachloroethene	5	U	**0.38**	U	U	U	U	U	U	U	U	U	U	U	U	U
Trichloroethene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Vinyl Chloride	2	U	U	U	U	U	U	U	U	U	U	U	**0.42**	**1.2**	**8.8**	U
Semi-Volatile Organic Compound by ASP/CLP Method (µg/L)																
Phenol	1(2)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Methylphenol	1(2)	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

Notes:

BOLD values indicate detections above laboratory detection limit.

= Compound detected above NYSDEC standard

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

(2) - The collective sum of all phenol compounds should not exceed 1 µg/L.

(3) - Additional analyte reported as per request by IBM.

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

U = Indicates compound was analyzed for, but not detected.

B = Indicates analyte was found in the associated blank, as well as in the sample.

NA = Not Available

NS = Not Sampled due to snow / ice

* =DO meter malfunction

Table 3
Groundwater Analytical Results
December 18, 2007 to March 18, 2009
Former Flagship Airlines Hangar Dutchess County Airport

Field Parameters	NYSDEC Standard (1)	ME-12			(ME-12) DUP 1	(ME-12) DUP 1		ME-14						(ME-18) DUP 1	ME-18					ME-19					
		12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09
Volatile Organic Compound by ASP/CLP Method (µg/L)																									
1,1-Dichloroethane	5	1U	1 U	0.3 U	0.3 U	0.8U	0.75U	1U	1 U	0.3 U	0.3 U	0.8U	0.75U	1U	1 U	0.3 U	0.3 U	0.8U	0.75U	1U	1 U	0.3 U	0.3 U	0.8U	0.75U
1,1-Dichloroethene (3)	5	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U
cis-1,2-Dichloroethene (3)	5	1U	1 U	0.4 U	0.2 U	0.2U	0.16U	1U	1 U	0.4 U	0.2 U	0.2U	0.16U	1U	1 U	0.4 U	0.2 U	0.2U	0.16U	1U	0.3 J	0.4 U	0.2 U	0.2U	**0.25**
trans-1,2-Dichloroethene (3)	5	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U
1,2-Dichloroethene, Total	5	2U	2 U	0.7 U	0.7 U	0.7U	0.70U	2U	2 U	0.7 U	0.7 U	0.7U	0.70U	2U	2 U	0.7 U	0.7 U	0.7U	0.70U	2U	2 U	0.7 U	0.7 U	0.7U	0.70U
Chlorobenzene	5	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	1 U	0.3 U	0.2 U	0.2U	0.32U
Chloroethane	5	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U
1,1,1-Trichloroethane	5	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U
Tetrachloroethene	5	0.3J	1 U	0.4 U	0.4 U	0.4U	0.36U	0.4J	0.3 J	0.4 U	**0.5**	**0.5**	**0.38**	1U	1 U	0.4 U	0.4 U	0.4U	0.36U	1U	1 U	0.4 U	0.4 U	0.4U	0.36U
Trichloroethene	5	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	1U	1 U	0.3 U	0.2 U	0.2U	0.18U
Toluene	5	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U
Vinyl Chloride	2	1U	1 U	0.2 U	0.2 U	0.2U	0.24U	1U	1 U	0.2 U	0.2 U	0.2U	0.24U	1U	1 U	0.2 U	0.2 U	0.2U	0.24U	1U	1 U	0.2 U	0.2 U	0.2U	0.24U
Semi-Volatile Organic Compound by ASP/CLP Method (µg/L)																									
Phenol	1(2)	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U
4-Methylphenol	1(2)	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U
Naphthalene	10	5U	5 U	0.2 J	5 U	5U	5U	5U	5 U	0.2 J	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	0.6 J	5 U	5 U	5U	5U

Notes:

BOLD values indicate detections above laboratory detection limit.

= Compound detected above NYSDEC standard

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

(2) - The collective sum of all phenol compounds should not exceed 1 µg/L.

(3) - Additional analyte reported as per request by IBM.

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

U = Indicates compound was analyzed for, but not detected.

B = Indicates analyte was found in the associated blank, as well as in the sample.

* =DO meter malfunc

Table 3
Groundwater Analytical Results
December 18, 2007 to March 18, 2009
Former Flagship Airlines Hangar Dutchess County Airport

Field Parameters	NYSDEC Standard (1)	MW-2						MW-6						MW-8						MW-9/10R	------ DUP 1	----- DUP 1	MW-9/10R		
		12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09
Volatile Organic Compound by ASP/CLP Method (µg/L)																									
1,1-Dichloroethane	5	1U	1 U	0.3 U	0.3 U	0.8U	0.75U	1U	1 U	0.3 U	0.3 U	0.8U	0.75U	1U	1 U	0.3 U	0.3 U	0.8U	0.75U	1U	1 U	0.3 U	0.3 U	0.8U	0.75U
1,1-Dichloroethene (3)	5	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U
cis-1,2-Dichloroethene (3)	5	1U	1 U	0.4 U	0.2 U	0.2U	0.16U	1U	1 U	0.4 U	0.2 U	0.2U	0.16U	0.3J	0.3 J	0.4 U	0.2 U	0.2U	**0.27**	1U	1 U	0.4 U	0.2 U	0.2U	0.16U
trans-1,2-Dichloroethene (3)	5	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U
1,2-Dichloroethene, Total	5	2U	2 U	0.7 U	0.7 U	0.7U	0.70U	2U	2 U	0.7 U	0.7 U	0.7U	0.70U	2U	2 U	0.7 U	0.7 U	0.7U	0.70U	2U	2 U	0.7 U	0.7 U	0.7U	0.70U
Chlorobenzene	5	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	1 U	0.3 U	0.2 U	0.2U	0.32U
Chloroethane	5	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U
1,1,1-Trichloroethane	5	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U
Tetrachloroethene	5	1U	1 U	0.4 U	0.4 U	0.4U	0.36U	1U	1 U	0.4 U	0.4 U	0.4U	0.36U	1U	1 U	0.4 U	0.4 U	0.4U	0.36U	1U	1 U	0.4 U	0.4 U	0.4U	0.36U
Trichloroethene	5	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	1U	1 U	0.3 U	0.2 U	0.2U	0.18U
Toluene	5	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U
Vinyl Chloride	2	1U	1 U	0.2 U	0.2 U	0.2U	0.24U	1U	1 U	0.2 U	0.2 U	0.2U	0.24U	1U	1 U	0.2 U	0.2 U	0.2U	0.24U	1U	1 U	0.2 U	0.2 U	0.2U	0.24U
Semi-Volatile Organic Compound by ASP/CLP Method (µg/L)																									
Phenol	1 (2)	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U
4-Methylphenol	1 (2)	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U
Naphthalene	10	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	0.2 J/ 5 U	5 U	5U	5U

Notes:

BOLD values indicate detections above laboratory detection limit.

= Compound detected above NYSDEC standard

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

(2) - The collective sum of all phenol compounds should not exceed 1 µg/L.

(3) - Additional analyte reported as per request by IBM.

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

U = Indicates compound was analyzed for, but not detected.

B = Indicates analyte was found in the associated blank, as well as in the sample.

* =DO meter malfun

Table 3
Groundwater Analytical Results
December 18, 2007 to March 18, 2009
Former Flagship Airlines Hangar Dutchess County Airport

Field Parameters	NYSDEC Standard (1)	MW-20						DG-1						A-26S					
		12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09
Volatile Organic Compound by ASP/CLP Method (µg/L)																			
1,1-Dichloroethane	5	1U	1 U	0.3 U	0.3 U	0.8U	0.75U	1U	1 U	0.3 U	0.3 U	0.8U	0.75U	**8**	1 U	**6**	**7**	**8**	**9.4**
1,1-Dichloroethene (3)	5	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U
cis-1,2-Dichloroethene (3)	5	1U	1 U	0.4 U	0.2 U	0.2U	0.16U	1U	1 U	0.4 U	0.2 U	0.2U	0.16U	0.3J	1 U	0.4 U	**0.4**	0.2U	**0.40**
trans-1,2-Dichloroethene (3)	5	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U
1,2-Dichloroethene, Total	5	2U	2 U	0.7 U	0.7 U	0.7U	0.70U	2U	2 U	0.7 U	0.7 U	0.7U	0.70U	2U	2 U	0.7 U	0.7 U	0.7U	0.70U
Chlorobenzene	5	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	1 U	0.3 U	0.2 U	0.2U	0.32U
Chloroethane	5	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U
1,1,1-Trichloroethane	5	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U
Tetrachloroethene	5	1U	1 U	0.4 U	0.4 U	0.4U	0.36U	1U	1 U	0.4 U	0.4 U	0.4U	0.36U	1U	1 U	0.4 U	0.4 U	0.4U	0.36U
Trichloroethene	5	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	1U	1 U	0.3 U	0.2 U	0.2U	0.18U
Toluene	5	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U
Vinyl Chloride	2	1U	1 U	0.2 U	0.2 U	0.2U	0.24U	1U	1 U	0.2 U	0.2 U	0.2U	0.24U	1U	1 U	0.2 U	**0.4**	0.2U	**0.42**
Semi-Volatile Organic Compound by ASP/CLP Method (µg/L)																			
Phenol	1(2)	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U
4-Methylphenol	1(2)	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U
Naphthalene	10	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	0.3 J	5 U	5 U	5U	5U

Notes:

BOLD values indicate detections above laboratory detection limit.

= Compound detected above NYSDEC standard

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

(2) - The collective sum of all phenol compounds should not exceed 1 µg/L.

(3) - Additional analyte reported as per request by IBM.

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

U = Indicates compound was analyzed for, but not detected.

B = Indicates analyte was found in the associated blank, as well as in the sample.

* =DO meter malfunctic

Table 3
Groundwater Analytical Results
December 18, 2007 to March 18, 2009
Former Flagship Airlines Hangar Dutchess County Airport

Field Parameters	NYSDEC Standard (1)	A-27S						A-42S						A-43S						Duplicate A-43S
		12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/08	3/18/09	12/18/07	3/6/08	6/11/08	9/17/08	12/4/2008	3/18/2009	3/18/2009
Volatile Organic Compound by ASP/CLP Method (µg/L)																				
1,1-Dichloroethane	5	**1**	**1**	**1**	**1**	**1**	**1.8**	1U	0.9 J	**0.7**	**1.0**	0.8U	**0.78**	0.5J	1 U	0.3 U	0.8 U	0.8U	**0.76**	**0.78**
1,1-Dichloroethene (3)	5	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	1U	1 U	0.3 U	0.3 U	0.3U	0.29U	0.29U
cis-1,2-Dichloroethene (3)	5	**3**	**4**	**3**	**4**	**4**	**4.9**	0.5J	**6**	**3**	**5**	**3**	**2.9**	0.3J	0.6 J	0.4 U	**0.4**	0.2U	**0.41**	**0.40**
trans-1,2-Dichloroethene (3)	5	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	1U	1 U	0.3 U	0.1 U	0.1U	0.13U	0.13U
1,2-Dichloroethene, Total	5	**3**	**4**	**3**	**4**	**4**	**4.9**	2U	**6**	**3**	**5**	**3**	**2.9**	2U	2 U	0.7 U	0.7 U	0.7U	0.70U	0.70U
Chlorobenzene	5	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	1 U	0.3 U	0.2 U	0.2U	0.32U	1U	0.4 J	0.3 U	0.2 U	0.2U	0.32U	0.32U
Chloroethane	5	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	1U	1 U	0.3 U	0.3 U	0.3U	0.32U	0.32U
1,1,1-Trichloroethane	5	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	1U	1 U	0.3 U	0.3 U	0.3U	0.26U	0.26U
Tetrachloroethene	5	1U	0.3 J	0.4 U	0.4 U	0.4U	0.36U	1U	0.5 J	**0.5**	**0.4**	0.4U	0.36U	1U	1 U	0.4 U	0.4 U	0.4U	0.36U	0.36U
Trichloroethene	5	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	1U	0.3 J	0.3 U	0.2 U	0.2U	0.18U	1U	1 U	0.3 U	0.2 U	0.2U	0.18U	0.18U
Toluene	5	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	1U	1 U	0.5 U	0.5 U	0.5U	0.51U	0.51U
Vinyl Chloride	2	1U	0.5 J	**0.6**	**1**	0.2U	**1.2**	1U	**10**	**15**	**21**	**9**	**8.8**	1U	1 U	0.2 U	**0.7**	0.2U	0.24U	0.24U
Semi-Volatile Organic Compound by ASP/CLP Method (µg/L)																				
Phenol	1 (2)	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U
4-Methylphenol	1 (2)	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U
Naphthalene	10	5U	**0.3 J**	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U	5 U	5 U	5 U	5U	5U	5U

Notes:

BOLD values indicate detections above laboratory detection limit.

= Compound detected above NYSDEC standard

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

(2) - The collective sum of all phenol compounds should not exceed 1 µg/L.

(3) - Additional analyte reported as per request by IBM.

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

U = Indicates compound was analyzed for, but not detected.

B = Indicates analyte was found in the associated blank, as well as in the sample.

* =DO meter malfunc

FIGURES

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
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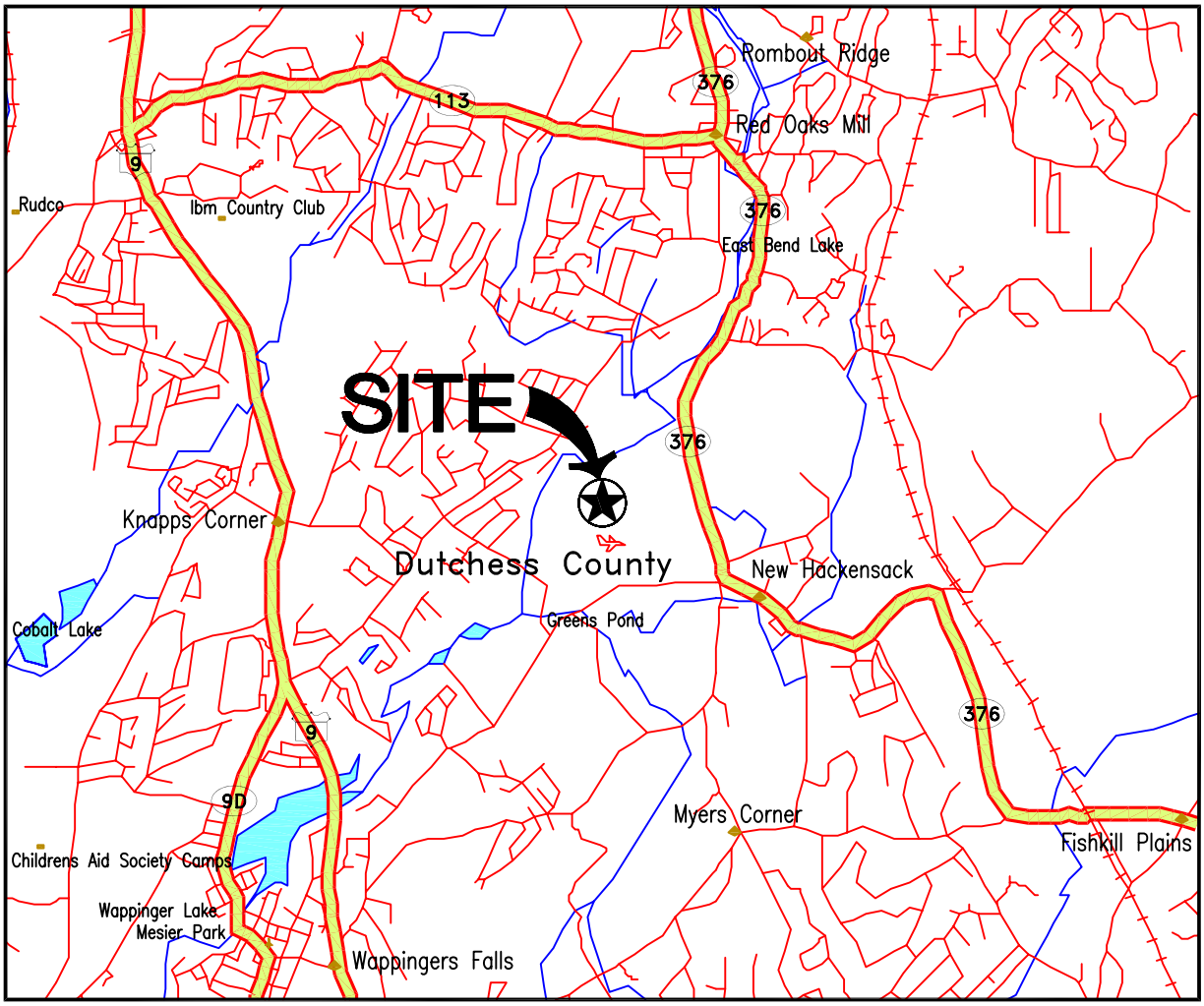

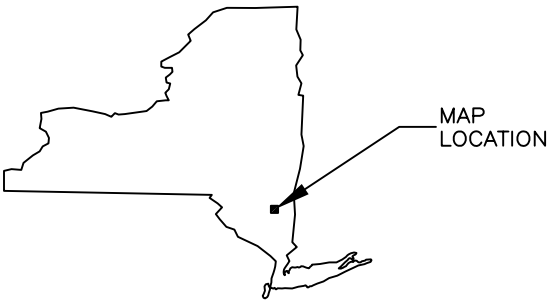

SCALE 1:62,500

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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	DESIGNED BY
820131D98			S. SHKOLNIK	T. PERRETTA

OFFICE	DATE
ALBANY, NY	07/01/05

Xref: .
Image: .

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Plot Date/Time: 05/08/09 10:08am
Plotted by: Samuil.Shkolnik

N

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

ME-13
A-39S
A-8S
ME-15
A-16S
DG-1
A-19S
A-36S
A-41S
A-27S
A-44S
A-20S
EW-4
SP-6
A-40S
A-26S
MW-20
ME-19
SP-8
EW-6
A-42S
SP-5
MW-4
MW-8
A-43S
PZ-1
SP-4
EW-3
ME-18
MW-1
MW-3
ME-14
EW-5
SP-7
ME-17
ME-16
MW-2
EW-7
SP-2
EW-2
ME-11
SP-3
ME-12
SP-1A
EW-1
MW-9/10R
MW-6
MW-7A
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.

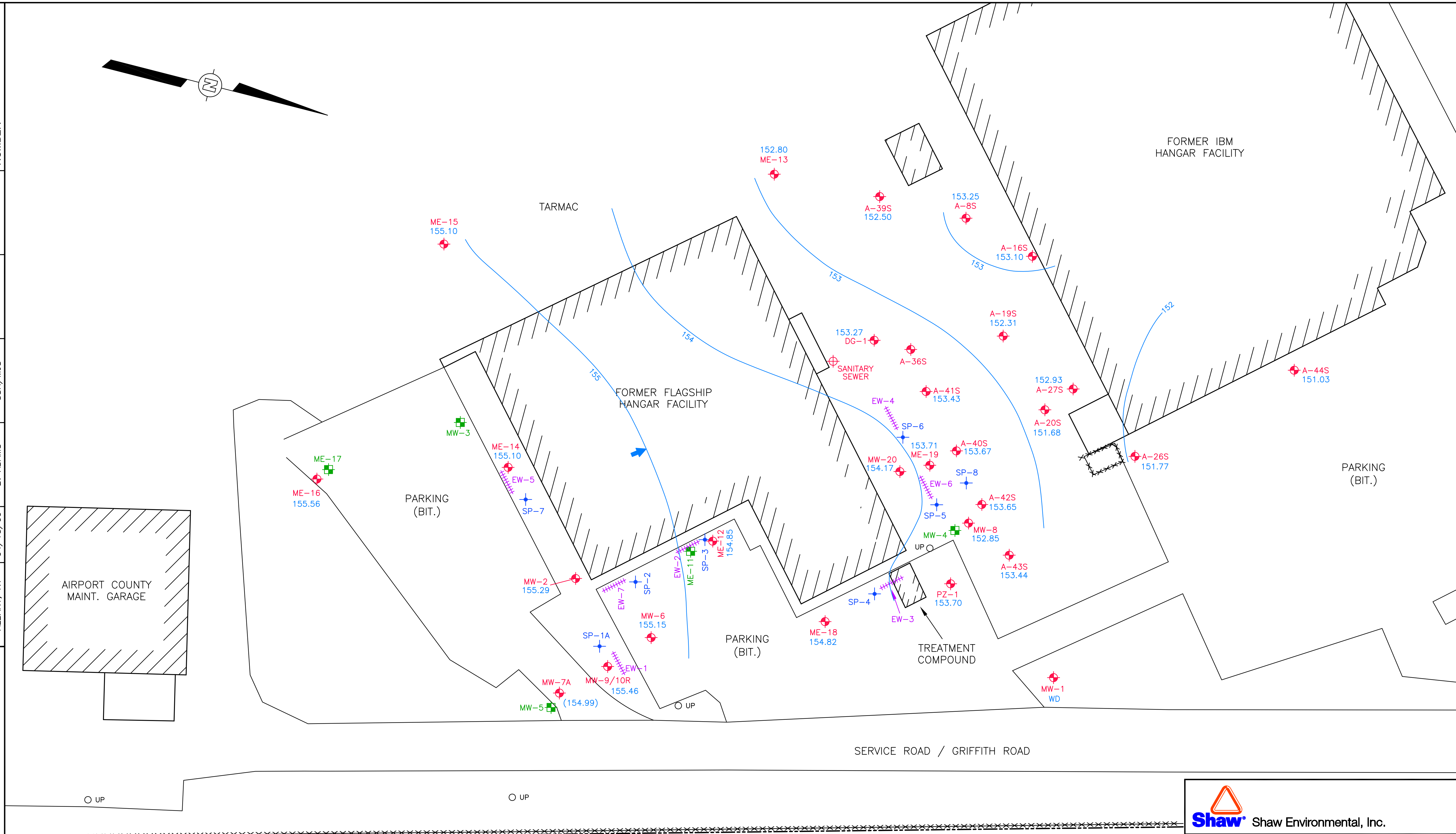
Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 2
WELL LOCATION MAP
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

OFFICE ALBANY, NY | DATE 04/15/09 | DESIGNED BY B. ADAMS | DRAWN BY SSH/MJS | CHECKED BY | APPROVED BY | DRAWING NUMBER 820131D141



NOTE: MW-7A WERE NOT USED FOR CONTOURING.

LEGEND:

SANITARY SEWER	EXTRACTION WELL
SHALLOW WELL	PROPERTY LINE (APPROXIMATE)
BEDROCK WELL	GROUNDWATER CONTOUR IN FEET (DASHED WHERE INFERRED)
SPARGE WELL	
151.03 GROUNDWATER ELEVATION	
GROUNDWATER FLOW DIRECTION	
WD WELL DAMAGED	

SCALE
0 20 40 60 FEET

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

Xref: . Image: .

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Plot Date/Time: 05/08/09 10:09am
Plotted by: Samuil.Shkolnik

Shaw® Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 3
GROUNDWATER CONTOUR MAP (03/18/09)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
B. NEUMANN	SSH/MJS			820131D142

OFFICE	DATE
ALBANY, NY	04/20/09

Xref: .
Image: .

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Plotted by: Samuil.Shkolnik

N

TARMAC

FORMER IBM HANGER FACILITY

FORMER FLAGSHIP HANGER FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SERVICE ROAD / GRIFFITH ROAD

SANITARY SEWER

ME-13
A-39S
A-8S
ME-15
A-16S
DG-1: U, U, U, U, U, U
DG-1
A-19S
A-36S
A-41S
A-27S: 1.8, U, U, U, U, 1.2
A-27S
A-20S
A-44S
A-26S: 9.4, U, U, U, U, 0.42
ME-14: U, U, U, 0.38, U, U
MW-3
ME-14
ME-12: U, U, U, U, U, U
MW-2: U, U, U, U, U, U
EW-4
SP-6
ME-19: U, U, U, U, U, U
A-40S
MW-20
ME-19
A-26S
ME-17
ME-16
EW-5
SP-7
MW-20: U, U, U, U, U, U
EW-6
SP-8
A-42S: 1.8, U, U, U, U, 1.2
SP-5
MW-4
MW-8
A-42S
MW-8: U, U, U, U, U, U
A-43S
PZ-1
EW-2
ME-11
SP-3
ME-12
EW-7
SP-2
MW-2
SP-4
EW-3
MW-6: U, U, U, U, U, U
MW-6
SP-1A
EW-1
MW-9/10R
ME-18
ME-18: U, U, U, U, U, U
MW-7A
MW-5
MW-1
UP
UP
UP
MW-9/10R: U, U, U, U, U, U
A-43S: 0.76, U, U, U, U, U

S C A L E
0 20 40 60 FEET

LEGEND:

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

MW-9/10R	WELL ID
U	DCA
U	1,1,1-TCA
U	TCE
U	PCE
U	NAPHTHALENE
U	VINYL CHLORINE

U NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS

REFERENCE:

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

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 4
ANALYTICAL SUMMARY MAP (03/18/09)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

Figure 5
Dissolved Tetrachloroethene (PCE)

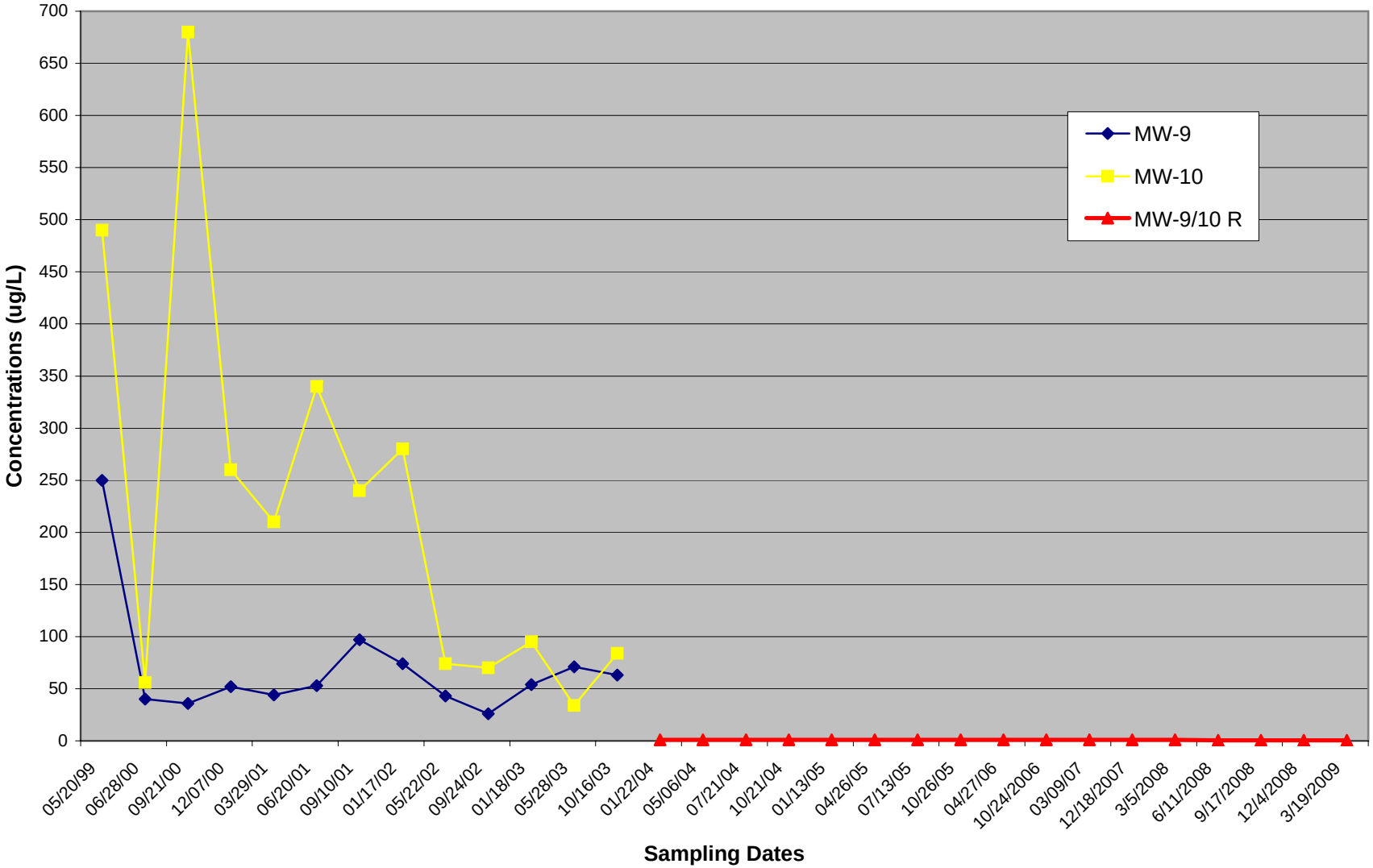

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Figure 6
Dissolved 1,1-Dichloroethane

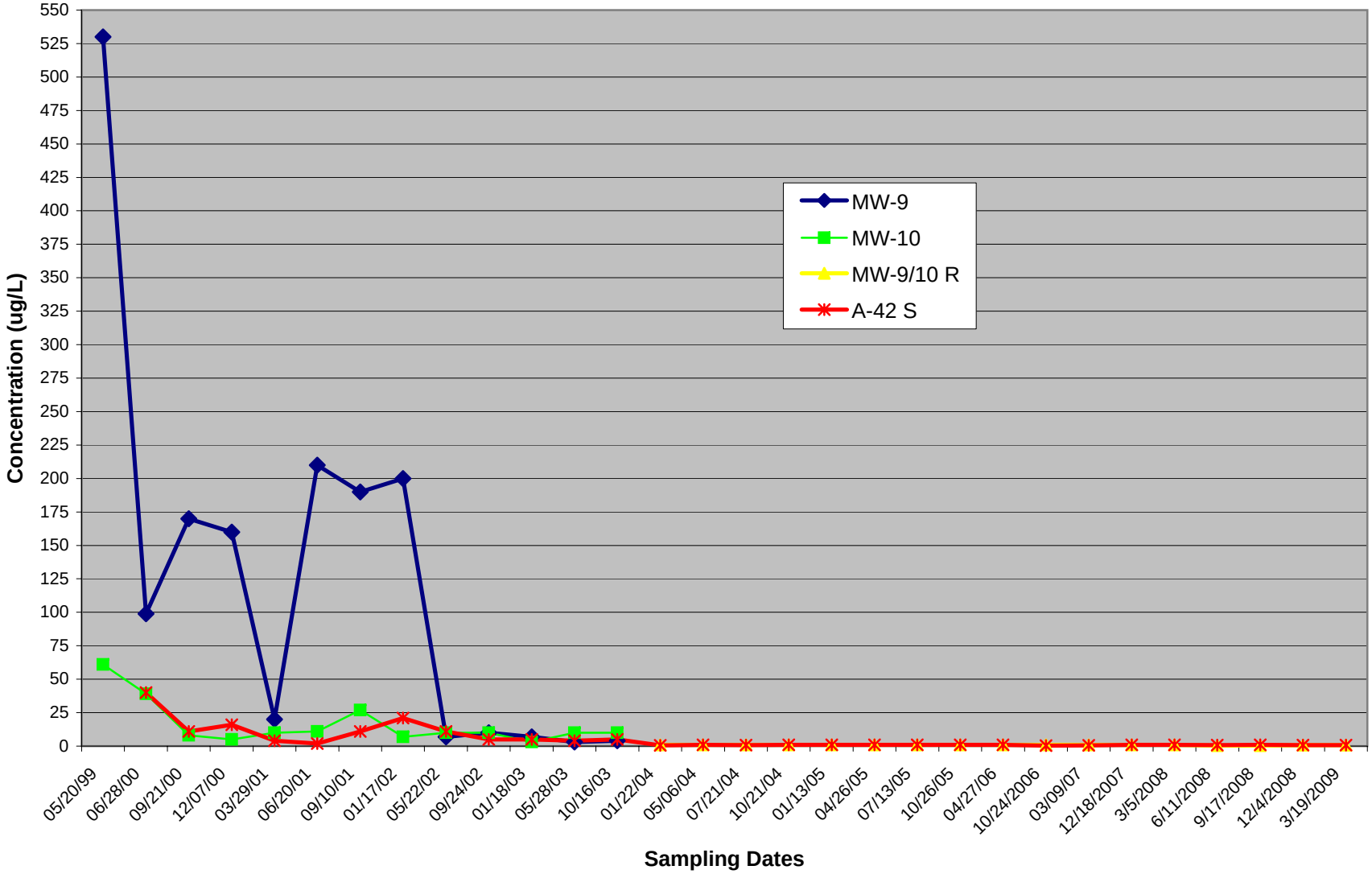

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Figure 7
Dissoved Naphthalene Trends

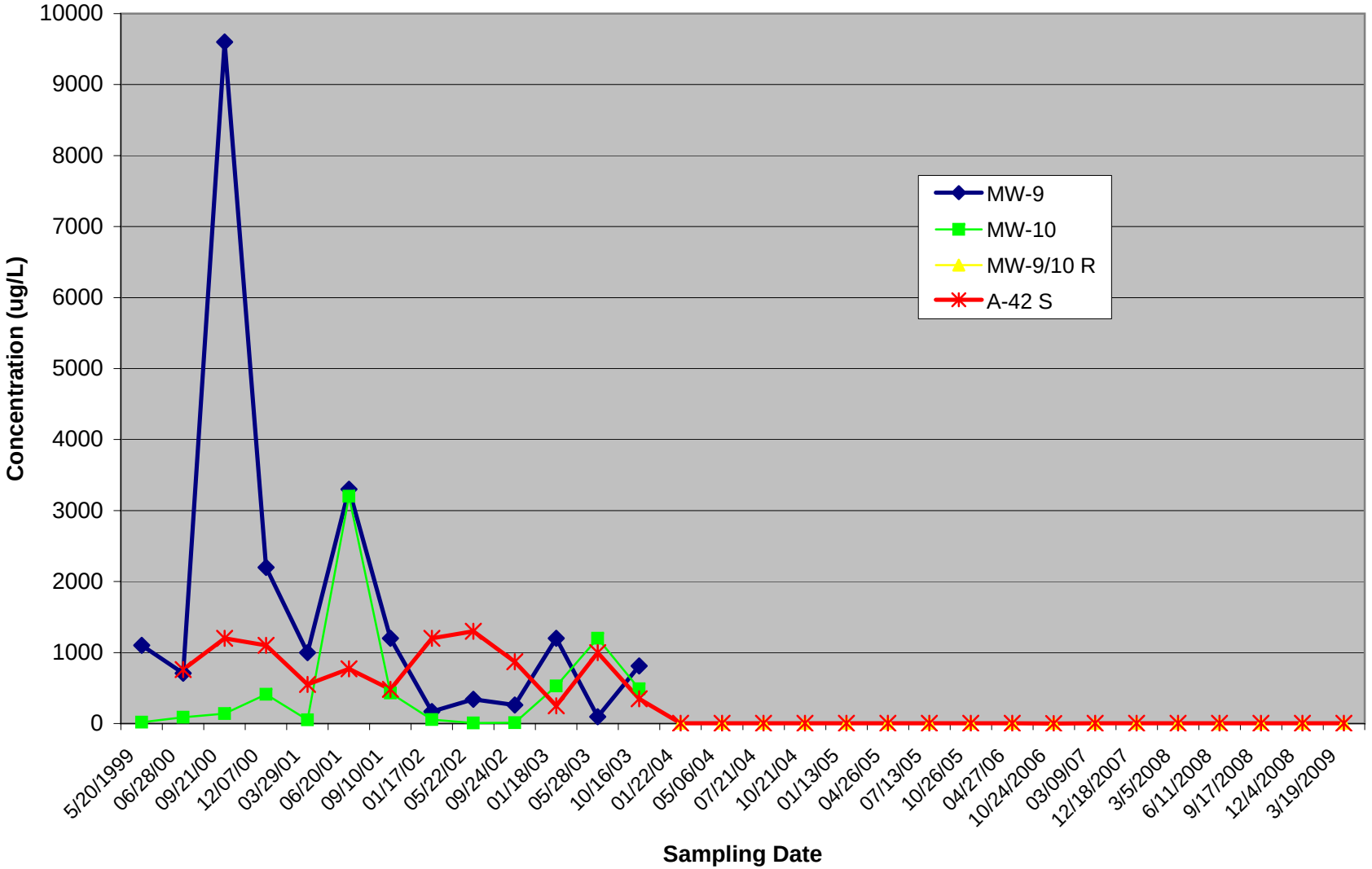
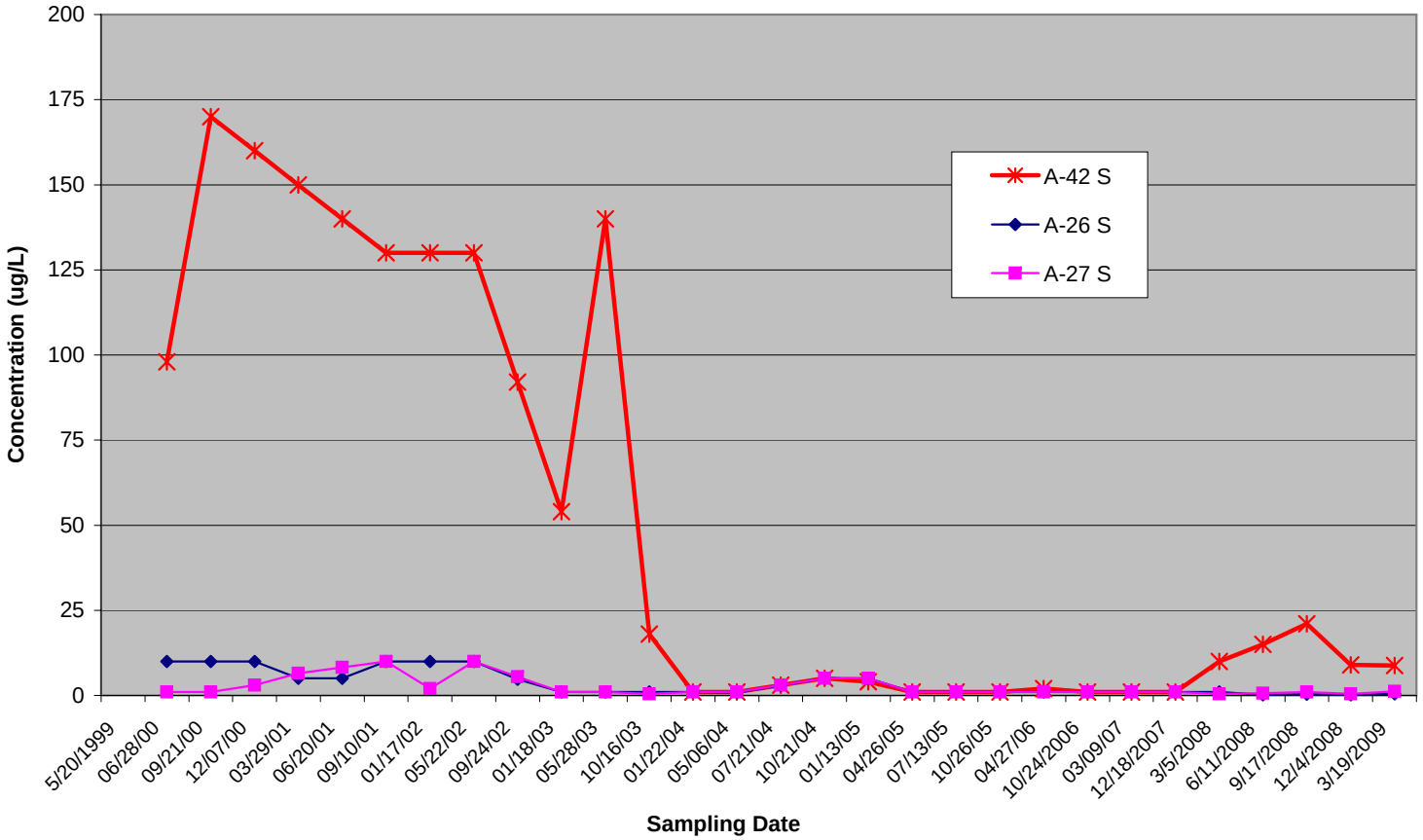


Figure 8
Dissoved Vinyl Chloride Trends



APPENDIX A

FIELD DATA SHEETS

Groundwater Sample Event Field Data Sheet

Project Name: Project Number:

Water Level Data

Date: 3/19/09 Start Time: 924 **Well ID:** ME-19

Initial Total Casing Length 25.33 (feet)

Depth to Water (from top of casing) 7.37 (feet)

a) Height of Water Column 17.96 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
(4)inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = 17.96 (feet) x .653 gallons/foot = 11.7 gallons

Purge Data

Date: 3/19/09 Time: 926 (start) 946 (finish)

Method: __ Peristaltic pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): _____ Low Flow Sampling

Time	926	929	932	935	938	942	945
Volume	1	1.3	2.7	4.0	5.8	7.0	8.3
Specific Conductivity	.697	.708	.709	.717	.713	.714	.714
pH	7.04	7.19	7.19	7.19	7.19	7.20	7.20
Turbidity	70.7	53.0	50.7	40.6	31.5	34.7	32.7
Temperature	11.32	11.95	12.09	12.21	1230	12.41	12.44
ORP	212.7	204.7	199.0	196.3	193.7	192.7	192.1
DO	0.32	.90	.81	.68	.55	.50	.49

Did well dry out? (If yes, how many times) Actual Volume Removed _____ (gallons)

Sampling Data

Sample Date: 3/19/09 Sample Time: 1000

Appearance (visual) Clear Color - Odor -

Sampling Method: Lo-Flow

Constituents Sampled	Container Discription	Perservative
VOCs	40ml	HCl
SVOCs	1LGA	—

Personnel: _____

COMMENTS: 926 927
.8 adjusted lower to .45

Groundwater Sample Event Field Data Sheet

Project Name: AA Flagship Project Number: 820131

Water Level Data

Date: 3.19.09 Start Time: 915 **Well ID:** A 42-5

Initial Total Casing Length 25.10 (feet)

Depth to Water (from top of casing) 5.75 (feet)

a) Height of Water Column 19.35 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = .163 (feet) x 19.35 gallons/foot = 3.15 gallons

Purge Data

Date: 3.19.09 Time: 915 (start) 930 (finish)

Method: ✓ Peristaltic pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): _____ Low Flow Sampling

Time	915	918	922	925	929		
Volume	1	1.3	2.8	4.3	5.9		
Specific Conductivity	.691	.709	.710	.716	.720	.717	
pH	7.84	7.74	7.73	7.60	7.58		
Turbidity	50.0	64.3	62.5	137	155		
Temperature	11.47	11.74	11.73	11.76	11.74		
ORP	11.8	-2.0	-.4	9.5	11.7		
DO	2.45	.74	.72	.61	.60		

Did well dry out? (If yes, how many times) Actual Volume Removed 2 (gallons)

Sampling Data

Sample Date: 03.19.09 Sample Time: 935

Appearance (visual) Clear Color Clear Odor NO

Sampling Method: _____

Constituents Sampled	Container Discription	Perservative
VOCs	40mL	HCl
SVOCs	1LGA	—

Personnel: JFM

COMMENTS:

MS/MSD

Groundwater Sample Event Field Data Sheet

Project Name: AA Flagship Project Number: 820131

Water Level Data

Date: 3-19-09 Start Time: 840 Well ID: A 27-5

Initial Total Casing Length 26.15 (feet)

Depth to Water (from top of casing) 4.81 (feet)

a) Height of Water Column 21.34 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = .163 (feet) x 21.34 gallons/foot = 3.48 gallons

Purge Data

Date: 3-19-09 Time: 842 (start) 855 (finish)

Method: ✓ Peristaltic pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): _____ Low Flow Sampling

Time	840	843	846	850	854		
Volume	0	1.3	2.7	4.2	5.5		
Specific Conductivity	.735	.740	.742	.745	.747		
pH	8.26	8.05	7.93	7.81	7.72		
Turbidity	143.1	148.6	194	303	128		
Temperature	11.61	11.88	11.93	12.04	12.04		
ORP	-63.1	-58.3	-55.3	-47.0	-46.7		
DO	.85	.61	.56	.32	.26		

Did well dry out? (If yes, how many times) Actual Volume Removed 2 (gallons)

Sampling Data

Sample Date: 3-19-09 Sample Time: 0900

Appearance (visual) clear w/ orange flecks Color clear Odor NO

Sampling Method: _____

Constituents Sampled	Container Discription	Perservative
VOCs	40mL	HCl
SVOCs	1 L GA	—

Personnel: JFM

COMMENTS:

Groundwater Sample Event Field Data Sheet

Project Name: AA FLAGSHIP Project Number: 820131

Water Level Data

Date: 3.18.09 Start Time: 1328 Well ID: MW-8

Initial Total Casing Length 25.50 (feet)

Depth to Water (from top of casing) 6.52 (feet)

a) Height of Water Column 18.98 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = .653 (feet) x 18.98 gallons/foot = 12.4 gallons

Purge Data

Date: 3.18.09 Time: 1328 (start) 1341 (finish)

Method: Perri. pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): ✓ Low Flow Sampling

Time	1328	1331	1334	1338	1341		
Volume	I	1.5	3.2	4.8	6.2		
Specific Conductivity	.763	.754	.748	.750	.746		
pH	7.70	7.75	7.74	7.71	7.71		
Turbidity	39.2	41.6	48	56.2	45.3		
Temperature	12.35	12.01	11.73	11.92	11.75		
ORP	87.2	71.6	73.5	77.8	79.0		
DO	5.09	2.28	.96	.95	.95		

Did well dry out? (If yes, how many times) Actual Volume Removed 2.5 ✓ (gallons)

Sampling Data

Sample Date: 3.18.09 Sample Time: 1345

Appearance (visual) clear Color _____ Odor _____

Sampling Method:

Constituents Sampled	Container Discription	Perservative
VOCs	40mL	HCl
SVOCs	1 LGA	-

Personnel: JCM

COMMENTS:

Groundwater Sample Event Field Data Sheet

Project Name: Project Number:

Water Level Data

Date: 3.18.09 Start Time: 12:35 **Well ID:** A43S

Initial Total Casing Length 25.40 (feet)

Depth to Water (from top of casing) 4.45 (feet)

a) Height of Water Column 20.95 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = .163 (feet) x 20.95 gallons/foot = 3.4 gallons

Purge Data

Date: 3.18.09 Time: 12:42 (start) 1305 (finish)

Method: perri. pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): ✓ Low Flow Sampling

Time	1242	1245	1248	1252	1256		
Volume	I	2	4	5.2	6.5		
Specific Conductivity	.865	.859	.873	.876	.890		
pH	7.69	7.67	7.57	7.56	7.53		
Turbidity	-2.3	-2.8	32.5	69.5	73.1		
Temperature	13.75	13.40	13.19	15.21	13.19		
ORP	53.2	54.9	54.5	46.7	35.6		
DO	4.73	1.11	.26	.25	.25		

Did well dry out? (If yes, how many times) Actual Volume Removed 2.5 (gallons)

Sampling Data

Sample Date: 3.18.09 Sample Time: 1300

Appearance (visual) clear Color clear Odor NO

Sampling Method:

Constituents Sampled	Container Discription	Perservative
VOCs	40ml	HCl
SVOCs	1LGA	—

Personnel: JFM

COMMENTS:

DUP.

Groundwater Sample Event Field Data Sheet

Project Name: Flagship Project Number: 820131

Water Level Data

Date: 3.18.09 Start Time: 1155 Well ID: A26S

Initial Total Casing Length 23.15 (feet)

Depth to Water (from top of casing) 3.17 (feet)

a) Height of Water Column 19.98 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = .163 (feet) x 19.98 gallons/foot = 3.26 gallons

Purge Data

Date: 3.18.09 Time: 1200 (start) 1212 (finish)

Method: perci pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): ✓ Low Flow Sampling

Time	1200	1203	1206	1209	1212		
Volume L	1	1.4	2.8	4.1	5.7		
Specific Conductivity	.955	.952	.944	.941	.937		
pH	7.31	7.32	7.36	7.39	7.42		
Turbidity	52.3	52	15.5	41.8	78.1		
Temperature	13.05	13.04	12.88	12.73	12.59		
ORP	+31.7	+30.5	-26.1	-21.0	-18.5		
DO	.27	.24	.21	.20	.20		

Did well dry out? (If yes, how many times) Actual Volume Removed X (gallons)

Sampling Data

Sample Date: 3.18.09 Sample Time: 1215

Appearance (visual) clear Color clear Odor No

Sampling Method:

Constituents Sampled	Container Discription	Perservative
VOCs	40mL	HCl
SVOCs	1 LGA	—

Personnel: JGA

COMMENTS:

Groundwater Sample Event Field Data Sheet

Project Name: Flagship Project Number: 320131

Water Level Data

Date: 3-18-09 Start Time: 1000 Well ID: MW9/10-R

Initial Total Casing Length 18.50 (feet)

Depth to Water (from top of casing) 3.00 (feet)

a) Height of Water Column 15.00 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = .653 (feet) x 15 gallons/foot = 9.8 gallons

Purge Data

Date: 3.18.09 Time: 1008 (start) 1022 (finish)

Method: pert. pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): ✓ Low Flow Sampling

Time	1008	1011	1014	1017	1020		
Volume	I	1.5	3.2	4.7	6.1		
Specific Conductivity	.598	.610	.621	.625	.628		
pH	7.17	7.05	6.95	6.88	6.85		
Turbidity	~.8	.7	1.4	1.0	.9		
Temperature	10.97	10.9	10.83	10.76	10.79		
ORP	127.7	130.3	134.1	136	136		
DO	4.08	3.81	3.54	3.42	3.41		

Did well dry out? (If yes, how many times) NO

Actual Volume Removed 2.5 (gallons)

Sampling Data

Sample Date: 3.18.09 Sample Time: 1025

Appearance (visual) clear Color clear Odor NO

Sampling Method:

Constituents Sampled	Container Discription	Perservative
VOCs	40mL	HCl
SVOCs	1LGA	—

Personnel: JFM

COMMENTS:

Groundwater Sample Event Field Data Sheet

Project Name: AA Flagship Project Number:

Water Level Data

Date: 3/18/09 Start Time: 1140 **Well ID:** ME-18

Initial Total Casing Length 21.90 (feet)

Depth to Water (from top of casing) 3.00 (feet)

a) Height of Water Column 18.90 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
(4)-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = 18.90 (feet) x .653 gallons/foot = 12 gallons

Purge Data

Date: ~~3/23/08~~ 3/18/09 Time: 1142 (start) 1157 (finish)

Method: __ Peristaltic pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): _____ Low Flow Sampling

Time	1142	1145	1148	1151	1154	1157	
Volume |L	1	.7	2.0	3.2	4.5	6	
Specific Conductivity	.767	.753	.752	.748	.751	.750	
pH	7.68	7.48	7.49	7.48	7.50	7.51	
Turbidity	0.9	0.0	12.1	10.1	7.0	0.0	
Temperature	10.52	9.95	9.98	9.91	9.90	9.86	
ORP	244.9	236.7	235.1	232.9	230.0	230.0	
DO	7.07	7.42	7.39	7.39	7.39	7.32	

Did well dry out? (If yes, how many times) Actual Volume Removed \ (gallons)

Sampling Data

Sample Date: 3/18/09 Sample Time: 1200

Appearance (visual) Clear Color — Odor —

Sampling Method: Lo-Flow

Constituents Sampled	Container Discription	Perservative
VOCs	40mL	HCl
SVOCs	1 LGA	—

Personnel: _____

COMMENTS:

Initial FR = .7 lowed to .4 @ 1143

Added "New" Gripper Plug

Groundwater Sample Event Field Data Sheet

Project Name: Flagship Project Number: 820131

Water Level Data

Date: 3-18-09 Start Time: 1105 **Well ID:** ME-14

Initial Total Casing Length 20.60 (feet)

Depth to Water (from top of casing) 4.88 (feet)

a) Height of Water Column 15.72 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = .163 (feet) x 15.72 gallons/foot = 2.56 gallons

Purge Data

Date: 3-18-09 Time: 1105 (start) 1122 (finish)

Method: perri. pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): ✓ Low Flow Sampling

Time	1110	1113	1116	1119	1122		
Volume L	1	1.3	2.8	4.4	6.0		
Specific Conductivity	.681	.680	.678	.672	.672		
pH	6.58	6.57	6.55	6.53	6.51		
Turbidity	-2.0	-2.1	-3.4	-7.6	-7.4		
Temperature	12.07	12.04	12.03	11.60	11.62		
ORP	137.6	138.2	138.5	140	140.2		
DO	.35	.32	.31	.25	.26		

Did well dry out? (If yes, how many times) Actual Volume Removed ~~2~~ (gallons)

Sampling Data

Sample Date: 3-18-09 Sample Time: 1125

Appearance (visual) clear Color clear Odor NO

Sampling Method:

Constituents Sampled	Container Discription	Perservative
VOCs	40mL	HCl
SVOCs	1LGA	—

Personnel: JFM

COMMENTS:

Groundwater Sample Event Field Data Sheet

Project Name: Project Number:

Water Level Data

Date: 3/18/09 Start Time: 1055 Well ID: ME-12

Initial Total Casing Length 24.37 (feet)

Depth to Water (from top of casing) 4.02 (feet)

a) Height of Water Column 20.35 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = 20.35 (feet) x .163 gallons/foot = 12 gallons

Purge Data

Date: 3/18/09 Time: 1100 (start) 1119 (finish)

Method: __ Peristaltic pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): _____ Low Flow Sampling

.7 to with .4

Time	1101	1104	1107	1110	1113	1116	1119
Volume L	1	1.8	3.0	4.2	5.4	6.6	7.3
Specific Conductivity	.754	.676	.653	.652	.645	.640	.636
pH	7.23	6.96	6.88	6.84	6.83	6.83	6.82
Turbidity	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Temperature	13.40	13.57	13.53	13.49	13.43	13.39	13.38
ORP	220.9	218.7	217.M	217.1	216.2	214.7	214.1
DO	4.24	1.40	1.72	1.72	1.60	1.54	1.53

Did well dry out? (If yes, how many times) Actual Volume Removed \ (gallons)

Sampling Data

Sample Date: 3/18/09 Sample Time: 1120

Appearance (visual) Clear Color — Odor —

Sampling Method: Lo-Flow

Constituents Sampled	Container Discription	Perservative
VOCs	40mL Vial	HCl
SVOCs	1LGA	

Personnel: RAdams

COMMENTS:

Groundwater Sample Event Field Data Sheet

Project Name: Project Number:

Water Level Data

Date: 3/18/09 Start Time: 1310 Well ID: MW-20

Initial Total Casing Length 22.70 (feet)

Depth to Water (from top of casing) 5.07 (feet)

a) Height of Water Column 17.63 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = 17.63 (feet) x .163 gallons/foot = 2.8 gallons

Purge Data

Date: 3/18/09 Time: 1313 (start) 1335 (finish)

Method: __ Peristaltic pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): _____ Low Flow Sampling

Time	1313	1316	1319	1322	1325	1328	1331	1335
Volume	.4	1.2	2.8	4.2	6.0	7.6	8.8	10.0
Specific Conductivity	.403	.388	.388	.391	.457	.791	.801	.812
pH	7.98	7.73	7.69	7.65	7.27	6.55	6.54	6.54
Turbidity	13.9	6.4	2.0	1.2	0.5	0.0	0.0	0.0
Temperature	15.36	15.37	15.50	15.49	15.57	15.63	15.70	15.72
ORP	165.3	175.2	180.2	184.4	190.6	200.8	202.7	202.3
DO	~~10.47~~ 10.30	10.00	10.06	9.99	9.72	2.70	2.60	2.52

Did well dry out? (If yes, how many times) Actual Volume Removed 1 (gallons)

Sampling Data

Sample Date: 3/18/09 Sample Time: 1340

Appearance (visual) clear Color — Odor —

Sampling Method: Lo-Flow

Constituents Sampled	Container Discription	Perservative
VOCs	40mL Voa	HCl
SVOCs	VOA	—

Personnel: _____

COMMENTS:

@ 1316 lowered to
.150 L/min & .140 L/min

Groundwater Sample Event Field Data Sheet

Project Name: AA Flagship Project Number: 820131

Water Level Data

Date: 3/18/09 Start Time: 1005 **Well ID:** MW-6

Initial Total Casing Length 22.73 (feet)

Depth to Water (from top of casing) 3.49 (feet)

a) Height of Water Column 19.24 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
(4)-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = _____ (feet) x .653 gallons/foot = 12.5 gallons

Purge Data

Date: 3/18/09 Time: 1022 (start) 1037 (finish)

Method: __ Peristaltic pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): _____ Low Flow Sampling

.7 Lowered to .3

Time	1022	1025	1028	1031	1034	1037	1040
Volume |L	1.	1.7L	2.7	3.6	6.0	7.2	
Specific Conductivity	.803	.761	.762	.759	.760	0.761	
pH	7.45	6.81	6.79	6.79	6.75	6.79	
Turbidity	8.1	1.4	0.4	0.7	0.0	0.7	
Temperature	11.36	10.60	10.73	10.65	10.69	10.75	
ORP	178.0	183.1	185.6	187.7	190.3	191.0	
DO	7.02	4.87	4.78	4.70	4.61	4.59	

Did well dry out? (If yes, how many times) Actual Volume Removed ____ (gallons)

Sampling Data

Sample Date: 3/18/09 Sample Time: 1045

Appearance (visual) clear Color — Odor —

Sampling Method: Lo-Flow

Constituents Sampled	Container Discription	Perservative
VOCs	40mL Vial	HCl
SVOCs	1L Gl	—

Personnel: R. Adams, J. Moyer

COMMENTS:

Groundwater Sample Event Field Data Sheet

Project Name: Flagship Project Number: 920131

Water Level Data

Date: 3-18-09 Start Time: 1035 **Well ID:** MW-2

Initial Total Casing Length 22.97 (feet)

Depth to Water (from top of casing) 7.05 (feet)

a) Height of Water Column 15.92 (feet)

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Well Volume ([a] x volume factor *) = .163 (feet) x 15.92 gallons/foot = 2.6 gallons

Purge Data

Date: 03/18/09 Time: 1035 (start) 1050 (finish)

Method: perci. pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): ✓ Low Flow Sampling

Time	1037	1040	1043	1046	1049		
Volume L	.4LPM	1.2	2.5	3.8	5.1		
Specific Conductivity	.427	.413	.413	.410	.410		
pH	6.94	6.73	6.72	6.65	6.65		
Turbidity	-1.5	5.8	-.8	-.9	.8		
Temperature	12.24	11.88	11.91	11.90	11.83		
ORP	114.5	127.8	129	132	133.1		
DO	4.58	3.22	3.20	3.15	3.10		

Did well dry out? (If yes, how many times) NO

Actual Volume Removed ~~2~~ (gallons)

Sampling Data

Sample Date: 3.18.09 Sample Time: 1050

Appearance (visual) clear Color clear Odor NO

Sampling Method:

Constituents Sampled	Container Discription	Perservative
SVOCs	1LGA	None
VOCs	40mL	HCl

Personnel: JFM

COMMENTS:

Groundwater Sample Event Field Data Sheet

Project Name: Project Number:

Water Level Data

Date: 3/19/09 Start Time: 835 **Well ID:** DG-1

Initial Total Casing Length 19.56 (feet)

Depth to Water (from top of casing) 9.00 (feet)

a) Height of Water Column 10.56 (feet)

Well Volume ([a] x volume factor *) = 10.56 (feet) x .163 gallons/foot = 1.7 gallons

*Volume Factors:
1-inch well = 0.041 gal/ft
1.5-inch well = 0.092 gal/ft
2-inch well = 0.163 gal/ft
3-inch well = 0.367 gal/ft
4-inch well = 0.653 gal/ft
6-inch well = 1.468 gal/ft

Purge Data

Date: 3/19/09 Time: 836 (start) 858 (finish)

Method: __ Peristaltic pump
(Waterra, bailer, submersible pump, etc.)

Purge Volume (3 to 5 well volumes): _____ Low Flow Sampling

Time	838	841	844	847	850	853	858
Volume L	1	1.2	2.5	3.75	4.95	6.2	7.7
Specific Conductivity	.866	.876	.869	.870	.868	.867	.865
pH	6.03	6.02	5.99	5.95	5.95	5.99	5.99
Turbidity	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temperature	10.90	11.50	11.12	11.20	11.12	11.13	11.07
ORP	181.7	191.1	199.7	201.7	204.1	205.1	206.9
DO	4.61	.70	.60	.52	.46	.36	.39

Did well dry out? (If yes, how many times) Actual Volume Removed \ (gallons)

Sampling Data

Sample Date: 3/19/09 Sample Time: 910

Appearance (visual) Clear Color _____ Odor _____

Sampling Method: Lo-Flow

Constituents Sampled	Container Discription	Perservative
VOCs	40mL	HCl
SVOCs	1LGA	—

Personnel: _____

COMMENTS:

FR@ .42 L/min

APPENDIX B

CHAIN OF CUSTODY

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Shaw Environmental, Inc.	B. Neumann	3/18/09	098597
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 **of** 1
13 British American Blvd.	(518) 783-1996 / (518) 783		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Latham / NY / 12110	R. Adams	C. Fox	
Project Name and Location (State)	**Carrier/Waybill Number**		
AA Flagship Lippingers Falls, NY			
Contract/Purchase Order/Quote No.			

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	Analysis: 8260 VOCs	8270 Select list	Special Instructions/ Conditions of Receipt
ME-18	3/18/09	1200		X			2			3			X	X	
ME-12		1120											X	X	
MW-6		1045											X	X	
MW-20		1340											X	X	
ME-14		1125											X	X	
MW-2		1050											X	X	
MW-9/10R		1025											X	X	
A-26S		1215											X	X	
A-43S		1300											X	X	
MW-8		1345											X	X	
Duplicate	—	—								3			X	X	
Trip Blank	—	—					—			2			X		

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 Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Tarit Adak	3/18/09	1530	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

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

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Shaw Environmental, Inc.	B. Neumann	3/19/09	093596
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 **of** 1
13 British American Blvd.	(518) 783-1996 / (518) 783-8397		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Latham / NY / 12110	R. Adams	C. Fox	
Project Name and Location (State)	**Carrier/Waybill Number**		
AA Flagship Wappingers Falls, NY			
Contract/Purchase Order/Quote No.			

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	Analysis: 8260 VOCs	8270 SVOCs List	Special Instructions/ Conditions of Receipt
DG-1	3/19/09	910		X			2		3				X	X	
ME-19		1000											X	X	
A-27S		900											X	X	
A-42S		935											X	X	
A-42S MS		935											X	X	
A-42S MSD		935											X	X	
Trip Blank	—	—							2				X		

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 Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Chad Adams	3/19/09	1530	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

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

APPENDIX C

LABORATORY DATA PACKAGES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSC0678

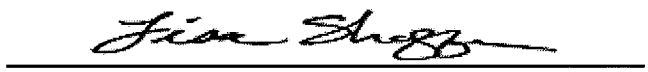
Project Description

AMERICAN AIRLINES - DUTCHESS COUNTY
AMERICAN AIRLINES - DUTCHESS COUNTY

For:

Project Manager

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405



Lisa Shaffer For Candace Fox

Project Manager

lisa.shaffer@testamericainc.com

Wednesday, April 15, 2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

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Project Number: SHAW

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Reported: 04/15/09 11:02

Case Narrative

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

There are pertinent documents appended to this report, 2 pages, are included and are an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

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Project Number: SHAW

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Reported: 04/15/09 11:02

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to the lab MDL. It must be noted that results reported below lab standard quantitation limits (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

SpecificMethod	Analyte	Units	Client RL	Lab PQL
8260B	1,1,1-Trichloroethane	ug/L	0.26	1
8260B	1,1-Dichloroethane	ug/L	0.75	1
8260B	1,1-Dichloroethene	ug/L	0.29	1
8260B	1,2-Dichloroethene, Total	ug/L	0.70	2
8260B	Chlorobenzene	ug/L	0.32	1
8260B	Chloroethane	ug/L	0.32	1
8260B	cis-1,2-Dichloroethene	ug/L	0.16	1
8260B	Tetrachloroethene	ug/L	0.36	1
8260B	Toluene	ug/L	0.51	1
8260B	trans-1,2-Dichloroethene	ug/L	0.13	1
8260B	Trichloroethene	ug/L	0.18	1
8260B	Vinyl chloride	ug/L	0.24	1
8270C	3 & 4 Methylphenol	ug/L	5.0	9.433963

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
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Project Number: SHAW

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Reported: 04/15/09 11:02

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
Z6	Surrogate recovery was below acceptance limits.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-05 (ME-14 - Water)					**Sampled: 03/18/09 11:25**		**Recvd: 03/19/09 09:00**			
Volatile Organic Compounds by EPA 8260B										
Tetrachloroethene	0.38		0.36	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
Sample ID: RSC0678-08 (A-26S - Water)					**Sampled: 03/18/09 12:15**		**Recvd: 03/19/09 09:00**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	9.4		0.75	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
cis-1,2-Dichloroethene	0.40		0.16	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
Vinyl chloride	0.42		0.24	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
Sample ID: RSC0678-09 (A-43S - Water)					**Sampled: 03/18/09 13:00**		**Recvd: 03/19/09 09:00**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	0.76		0.75	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
cis-1,2-Dichloroethene	0.41		0.16	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
Sample ID: RSC0678-10 (MW-8 - Water)					**Sampled: 03/18/09 13:45**		**Recvd: 03/19/09 09:00**			
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	0.27		0.16	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
Sample ID: RSC0678-11 (DUPLICATE - Water)					**Sampled: 03/18/09**		**Recvd: 03/19/09 09:00**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	0.78		0.75	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
cis-1,2-Dichloroethene	0.40		0.16	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
Sample ID: RSC0728-02 (ME-19 - Water)					**Sampled: 03/19/09 10:00**		**Recvd: 03/20/09 09:00**			
Volatile Organic Compounds by EPA 8260B										
cis-1,2-Dichloroethene	0.25		0.16	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
Sample ID: RSC0728-03 (A-27S - Water)					**Sampled: 03/19/09 09:00**		**Recvd: 03/20/09 09:00**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	1.8		0.75	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
1,2-Dichloroethene, Total	4.9		0.70	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
cis-1,2-Dichloroethene	4.9		0.16	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
Vinyl chloride	1.2		0.24	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
Sample ID: RSC0728-04 (A-42S - Water)					**Sampled: 03/19/09 09:35**		**Recvd: 03/20/09 09:00**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	0.78		0.75	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
1,2-Dichloroethene, Total	2.9		0.70	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
cis-1,2-Dichloroethene	2.9		0.16	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
Vinyl chloride	8.8		0.24	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Sample Summary

SAMPLE IDENTIFICATION	LAB NUMBER	Client Matrix	Date/Time Sampled	Date/Time Received
ME-18	RSC0678-01	Water	03/18/09 12:00	03/19/09 09:00
ME-12	RSC0678-02	Water	03/18/09 11:20	03/19/09 09:00
MW-6	RSC0678-03	Water	03/18/09 10:45	03/19/09 09:00
MW-20	RSC0678-04	Water	03/18/09 13:40	03/19/09 09:00
ME-14	RSC0678-05	Water	03/18/09 11:25	03/19/09 09:00
MW-2	RSC0678-06	Water	03/18/09 10:50	03/19/09 09:00
MW-9/10R	RSC0678-07	Water	03/18/09 10:25	03/19/09 09:00
A-26S	RSC0678-08	Water	03/18/09 12:15	03/19/09 09:00
A-43S	RSC0678-09	Water	03/18/09 13:00	03/19/09 09:00
MW-8	RSC0678-10	Water	03/18/09 13:45	03/19/09 09:00
DUPLICATE	RSC0678-11	Water	03/18/09	03/19/09 09:00
TRIP BLANK	RSC0678-12	Water	03/18/09	03/19/09 09:00
VOLATILE HOLDING BLANK	RSC0678-13	Water	03/18/09	03/19/09 09:00

SAMPLE IDENTIFICATION	LAB NUMBER	Client Matrix	Date/Time Sampled	Date/Time Received
DG-1	RSC0728-01	Water	03/19/09 09:10	03/20/09 09:00
ME-19	RSC0728-02	Water	03/19/09 10:00	03/20/09 09:00
A-27S	RSC0728-03	Water	03/19/09 09:00	03/20/09 09:00
A-42S	RSC0728-04	Water	03/19/09 09:35	03/20/09 09:00
TRIP BLANK	RSC0728-07	Water	03/19/09	03/20/09 09:00
VOLATILE HOLDING BLANK	RSC0728-08	Water	03/19/09	03/20/09 09:00

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-01 (ME-18 - Water)						**Sampled: 03/18/09 12:00**		**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/27/09 18:37	MKP	9C19085	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/27/09 18:37	MKP	9C19085	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/27/09 18:37	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*99 %*						03/27/09 18:37	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*84 %*						03/27/09 18:37	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*37 %*						03/27/09 18:37	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*81 %*						03/27/09 18:37	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*27 %*						03/27/09 18:37	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*56 %*						03/27/09 18:37	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/25/09 16:51	TRB	9C25010	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*97 %*						03/25/09 16:51	TRB	9C25010	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*95 %*						03/25/09 16:51	TRB	9C25010	8260B
Surr: Toluene-d8 (71-126%)	*101 %*						03/25/09 16:51	TRB	9C25010	8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-02 (ME-12 - Water)					**Sampled: 03/18/09 11:20**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.8	NA	ug/L	1.00	03/27/09 19:01	MKP	9C19085	8270C
Naphthalene	ND		4.8	NA	ug/L	1.00	03/27/09 19:01	MKP	9C19085	8270C
Phenol	ND		4.8	NA	ug/L	1.00	03/27/09 19:01	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*98 %*						03/27/09 19:01	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*83 %*						03/27/09 19:01	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*38 %*						03/27/09 19:01	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*80 %*						03/27/09 19:01	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*27 %*						03/27/09 19:01	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*55 %*						03/27/09 19:01	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/25/09 17:15	TRB	9C25010	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*97 %*						03/25/09 17:15	TRB	9C25010	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*92 %*						03/25/09 17:15	TRB	9C25010	8260B
Surr: Toluene-d8 (71-126%)	*99 %*						03/25/09 17:15	TRB	9C25010	8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-03 (MW-6 - Water)					**Sampled: 03/18/09 10:45**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/27/09 19:26	MKP	9C19085	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/27/09 19:26	MKP	9C19085	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/27/09 19:26	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*96 %*						03/27/09 19:26	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*82 %*						03/27/09 19:26	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*34 %*						03/27/09 19:26	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*78 %*						03/27/09 19:26	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*25 %*						03/27/09 19:26	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*49 %*						03/27/09 19:26	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/25/09 17:38	TRB	9C25010	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*99 %*						03/25/09 17:38	TRB	9C25010	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*93 %*						03/25/09 17:38	TRB	9C25010	8260B
Surr: Toluene-d8 (71-126%)	*100 %*						03/25/09 17:38	TRB	9C25010	8260B

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Work Order: RSC0678

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Project Number: SHAW

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-04 (MW-20 - Water)					**Sampled: 03/18/09 13:40**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.8	NA	ug/L	1.00	03/27/09 19:51	MKP	9C19085	8270C
Naphthalene	ND		4.8	NA	ug/L	1.00	03/27/09 19:51	MKP	9C19085	8270C
Phenol	ND		4.8	NA	ug/L	1.00	03/27/09 19:51	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*107 %*						03/27/09 19:51	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*87 %*						03/27/09 19:51	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*38 %*						03/27/09 19:51	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*80 %*						03/27/09 19:51	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*28 %*						03/27/09 19:51	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*58 %*						03/27/09 19:51	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 00:02	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*102 %*						03/26/09 00:02	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*99 %*						03/26/09 00:02	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*107 %*						03/26/09 00:02	MF	9C25090	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-05 (ME-14 - Water)					**Sampled: 03/18/09 11:25**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/27/09 20:15	MKP	9C19085	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/27/09 20:15	MKP	9C19085	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/27/09 20:15	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*99 %*						03/27/09 20:15	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*79 %*						03/27/09 20:15	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*34 %*						03/27/09 20:15	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*76 %*						03/27/09 20:15	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*24 %*						03/27/09 20:15	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*47 %*						03/27/09 20:15	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
Tetrachloroethene	**0.38**		0.36	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 00:26	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*101 %*						03/26/09 00:26	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*97 %*						03/26/09 00:26	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*105 %*						03/26/09 00:26	MF	9C25090	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-06 (MW-2 - Water)					**Sampled: 03/18/09 10:50**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/27/09 20:40	MKP	9C19085	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/27/09 20:40	MKP	9C19085	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/27/09 20:40	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*95 %*						03/27/09 20:40	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*78 %*						03/27/09 20:40	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*35 %*						03/27/09 20:40	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*73 %*						03/27/09 20:40	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*25 %*						03/27/09 20:40	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*60 %*						03/27/09 20:40	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 00:49	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*101 %*						03/26/09 00:49	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*96 %*						03/26/09 00:49	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*104 %*						03/26/09 00:49	MF	9C25090	8260B

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THE LEADER IN ENVIRONMENTAL TESTING

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-07 (MW-9/10R - Water)					**Sampled: 03/18/09 10:25**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/27/09 21:04	MKP	9C19085	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/27/09 21:04	MKP	9C19085	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/27/09 21:04	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*95 %*						03/27/09 21:04	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*82 %*						03/27/09 21:04	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*33 %*						03/27/09 21:04	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*76 %*						03/27/09 21:04	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*25 %*						03/27/09 21:04	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*50 %*						03/27/09 21:04	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 01:13	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*102 %*						03/26/09 01:13	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*99 %*						03/26/09 01:13	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*106 %*						03/26/09 01:13	MF	9C25090	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-08 (A-26S - Water)					**Sampled: 03/18/09 12:15**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/27/09 21:29	MKP	9C19085	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/27/09 21:29	MKP	9C19085	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/27/09 21:29	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*111 %*						03/27/09 21:29	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*87 %*						03/27/09 21:29	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*41 %*						03/27/09 21:29	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*83 %*						03/27/09 21:29	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*28 %*						03/27/09 21:29	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*81 %*						03/27/09 21:29	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
1,1-Dichloroethane	**9.4**		0.75	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
cis-1,2-Dichloroethene	**0.40**		0.16	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
Vinyl chloride	**0.42**		0.24	NA	ug/L	1.00	03/26/09 01:37	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*103 %*						03/26/09 01:37	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*96 %*						03/26/09 01:37	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*105 %*						03/26/09 01:37	MF	9C25090	8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-09 (A-43S - Water)					**Sampled: 03/18/09 13:00**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/27/09 21:54	MKP	9C19085	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/27/09 21:54	MKP	9C19085	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/27/09 21:54	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*104 %*						03/27/09 21:54	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*79 %*						03/27/09 21:54	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*34 %*						03/27/09 21:54	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*76 %*						03/27/09 21:54	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*23 %*						03/27/09 21:54	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*76 %*						03/27/09 21:54	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
1,1-Dichloroethane	**0.76**		0.75	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
cis-1,2-Dichloroethene	**0.41**		0.16	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 02:01	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*102 %*						03/26/09 02:01	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*97 %*						03/26/09 02:01	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*104 %*						03/26/09 02:01	MF	9C25090	8260B

Shaw E & I, Inc. - Latham, NY
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Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-10 (MW-8 - Water)					**Sampled: 03/18/09 13:45**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/27/09 22:18	MKP	9C19085	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/27/09 22:18	MKP	9C19085	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/27/09 22:18	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*89 %*						03/27/09 22:18	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*77 %*						03/27/09 22:18	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*23 %*						03/27/09 22:18	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*73 %*						03/27/09 22:18	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*14 %*	*Z6*					03/27/09 22:18	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*77 %*						03/27/09 22:18	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
cis-1,2-Dichloroethene	**0.27**		0.16	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 02:25	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*104 %*						03/26/09 02:25	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*95 %*						03/26/09 02:25	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*104 %*						03/26/09 02:25	MF	9C25090	8260B

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Latham, NY 12110-1405

Work Order: RSC0678

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Project Number: SHAW

Received: 03/19/09-03/20/09
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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-11 (DUPLICATE - Water)					**Sampled: 03/18/09**			**Recvd: 03/19/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/27/09 22:43	MKP	9C19085	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/27/09 22:43	MKP	9C19085	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/27/09 22:43	MKP	9C19085	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*102 %*						03/27/09 22:43	MKP	9C19085	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*69 %*						03/27/09 22:43	MKP	9C19085	8270C
Surr: 2-Fluorophenol (20-120%)	*31 %*						03/27/09 22:43	MKP	9C19085	8270C
Surr: Nitrobenzene-d5 (46-120%)	*64 %*						03/27/09 22:43	MKP	9C19085	8270C
Surr: Phenol-d5 (16-120%)	*20 %*						03/27/09 22:43	MKP	9C19085	8270C
Surr: p-Terphenyl-d14 (24-136%)	*73 %*						03/27/09 22:43	MKP	9C19085	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
1,1-Dichloroethane	**0.78**		0.75	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
cis-1,2-Dichloroethene	**0.40**		0.16	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 02:48	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*104 %*						03/26/09 02:48	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*97 %*						03/26/09 02:48	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*105 %*						03/26/09 02:48	MF	9C25090	8260B

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Latham, NY 12110-1405

Work Order: RSC0678

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Project Number: SHAW

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-12 (TRIP BLANK - Water)					**Sampled: 03/18/09**			**Recvd: 03/19/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 03:12	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*107 %*						03/26/09 03:12	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*99 %*						03/26/09 03:12	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*108 %*						03/26/09 03:12	MF	9C25090	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0678-13 (VOLATILE HOLDING BLANK - Water)					**Sampled: 03/18/09**			**Recvd: 03/19/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 03:35	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*105 %*						03/26/09 03:35	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*97 %*						03/26/09 03:35	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*103 %*						03/26/09 03:35	MF	9C25090	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0728-01 (DG-1 - Water)						**Sampled: 03/19/09 09:10**		**Recvd: 03/20/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/28/09 16:39	MKP	9C22002	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/28/09 16:39	MKP	9C22002	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/28/09 16:39	MKP	9C22002	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*102 %*						03/28/09 16:39	MKP	9C22002	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*79 %*						03/28/09 16:39	MKP	9C22002	8270C
Surr: 2-Fluorophenol (20-120%)	*38 %*						03/28/09 16:39	MKP	9C22002	8270C
Surr: Nitrobenzene-d5 (46-120%)	*73 %*						03/28/09 16:39	MKP	9C22002	8270C
Surr: Phenol-d5 (16-120%)	*30 %*						03/28/09 16:39	MKP	9C22002	8270C
Surr: p-Terphenyl-d14 (24-136%)	*62 %*						03/28/09 16:39	MKP	9C22002	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 05:33	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*95 %*						03/26/09 05:33	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*102 %*						03/26/09 05:33	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*104 %*						03/26/09 05:33	MF	9C25090	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0728-02 (ME-19 - Water)					**Sampled: 03/19/09 10:00**			**Recvd: 03/20/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/28/09 17:04	MKP	9C22002	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/28/09 17:04	MKP	9C22002	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/28/09 17:04	MKP	9C22002	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*106 %*						03/28/09 17:04	MKP	9C22002	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*95 %*						03/28/09 17:04	MKP	9C22002	8270C
Surr: 2-Fluorophenol (20-120%)	*38 %*						03/28/09 17:04	MKP	9C22002	8270C
Surr: Nitrobenzene-d5 (46-120%)	*90 %*						03/28/09 17:04	MKP	9C22002	8270C
Surr: Phenol-d5 (16-120%)	*27 %*						03/28/09 17:04	MKP	9C22002	8270C
Surr: p-Terphenyl-d14 (24-136%)	*64 %*						03/28/09 17:04	MKP	9C22002	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
cis-1,2-Dichloroethene	**0.25**		0.16	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 05:57	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*97 %*						03/26/09 05:57	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*100 %*						03/26/09 05:57	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*103 %*						03/26/09 05:57	MF	9C25090	8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0728-03 (A-27S - Water)						**Sampled: 03/19/09 09:00**		**Recvd: 03/20/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/28/09 17:29	MKP	9C22002	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/28/09 17:29	MKP	9C22002	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/28/09 17:29	MKP	9C22002	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*117 %*						03/28/09 17:29	MKP	9C22002	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*90 %*						03/28/09 17:29	MKP	9C22002	8270C
Surr: 2-Fluorophenol (20-120%)	*45 %*						03/28/09 17:29	MKP	9C22002	8270C
Surr: Nitrobenzene-d5 (46-120%)	*83 %*						03/28/09 17:29	MKP	9C22002	8270C
Surr: Phenol-d5 (16-120%)	*34 %*						03/28/09 17:29	MKP	9C22002	8270C
Surr: p-Terphenyl-d14 (24-136%)	*54 %*						03/28/09 17:29	MKP	9C22002	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
1,1-Dichloroethane	**1.8**		0.75	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
1,2-Dichloroethene, Total	**4.9**		0.70	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
cis-1,2-Dichloroethene	**4.9**		0.16	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
Vinyl chloride	**1.2**		0.24	NA	ug/L	1.00	03/26/09 06:20	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*98 %*						03/26/09 06:20	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*100 %*						03/26/09 06:20	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*102 %*						03/26/09 06:20	MF	9C25090	8260B

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Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0728-04 (A-42S - Water)					**Sampled: 03/19/09 09:35**			**Recvd: 03/20/09 09:00**		
Semivolatile Organics by GC/MS										
3 & 4 Methylphenol	ND		4.7	NA	ug/L	1.00	03/28/09 17:54	MKP	9C22002	8270C
Naphthalene	ND		4.7	NA	ug/L	1.00	03/28/09 17:54	MKP	9C22002	8270C
Phenol	ND		4.7	NA	ug/L	1.00	03/28/09 17:54	MKP	9C22002	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*115 %*						03/28/09 17:54	MKP	9C22002	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*90 %*						03/28/09 17:54	MKP	9C22002	8270C
Surr: 2-Fluorophenol (20-120%)	*45 %*						03/28/09 17:54	MKP	9C22002	8270C
Surr: Nitrobenzene-d5 (46-120%)	*84 %*						03/28/09 17:54	MKP	9C22002	8270C
Surr: Phenol-d5 (16-120%)	*34 %*						03/28/09 17:54	MKP	9C22002	8270C
Surr: p-Terphenyl-d14 (24-136%)	*56 %*						03/28/09 17:54	MKP	9C22002	8270C
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
1,1-Dichloroethane	**0.78**		0.75	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
1,2-Dichloroethene, Total	**2.9**		0.70	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
cis-1,2-Dichloroethene	**2.9**		0.16	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
Vinyl chloride	**8.8**		0.24	NA	ug/L	1.00	03/26/09 10:41	TRB	9C26010	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*101 %*						03/26/09 10:41	TRB	9C26010	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*100 %*						03/26/09 10:41	TRB	9C26010	8260B
Surr: Toluene-d8 (71-126%)	*105 %*						03/26/09 10:41	TRB	9C26010	8260B

TestAmerica
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Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0728-07 (TRIP BLANK - Water)					**Sampled: 03/19/09**			**Recvd: 03/20/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 06:44	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*98 %*						03/26/09 06:44	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*99 %*						03/26/09 06:44	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*104 %*						03/26/09 06:44	MF	9C25090	8260B

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Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0728-08 (VOLATILE HOLDING BLANK - Water)					**Sampled: 03/19/09**			**Recvd: 03/20/09 09:00**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		0.26	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
1,1-Dichloroethane	ND		0.75	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
1,1-Dichloroethene	ND		0.29	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
1,2-Dichloroethene, Total	ND		0.70	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
Chlorobenzene	ND		0.32	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
Chloroethane	ND		0.32	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
cis-1,2-Dichloroethene	ND		0.16	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
Tetrachloroethene	ND		0.36	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
Toluene	ND		0.51	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
trans-1,2-Dichloroethene	ND		0.13	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
Trichloroethene	ND		0.18	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
Vinyl chloride	ND		0.24	NA	ug/L	1.00	03/26/09 07:07	MF	9C25090	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*97 %*						03/26/09 07:07	MF	9C25090	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*98 %*						03/26/09 07:07	MF	9C25090	8260B
Surr: Toluene-d8 (71-126%)	*102 %*						03/26/09 07:07	MF	9C25090	8260B

Shaw E & I, Inc. - Latham, NY
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Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
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Reported: 04/15/09 11:02

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Units	Extract Volume	Units	Date	Analyst	Extraction Method
Semivolatile Organics by GC/MS									
8270C	9C19085	RSC0678-01	1,060.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-02	1,050.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-03	1,060.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-04	1,050.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-05	1,060.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-06	1,060.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-07	1,060.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-08	1,060.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-09	1,060.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-10	1,060.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
8270C	9C19085	RSC0678-11	1,060.00	mL	1.00	mL	03/20/09 08:00	JB	3510C MB
Volatile Organic Compounds by EPA 8260B									
8260B	9C25010	RSC0678-01	5.00	mL	5.00	mL	03/25/09 09:21	TRB	5030B MS
8260B	9C25010	RSC0678-02	5.00	mL	5.00	mL	03/25/09 09:21	TRB	5030B MS
8260B	9C25010	RSC0678-03	5.00	mL	5.00	mL	03/25/09 09:21	TRB	5030B MS
8260B	9C25090	RSC0678-04	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0678-05	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0678-06	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0678-07	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0678-08	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0678-09	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0678-10	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0678-11	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0678-12	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0678-13	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Units	Extract Volume	Units	Date	Analyst	Extraction Method
Semivolatile Organics by GC/MS									
8270C	9C22002	RSC0728-01	1,060.00	mL	1.00	mL	03/22/09 08:00	CJM	3510C MB
8270C	9C22002	RSC0728-02	1,060.00	mL	1.00	mL	03/22/09 08:00	CJM	3510C MB
8270C	9C22002	RSC0728-03	1,060.00	mL	1.00	mL	03/22/09 08:00	CJM	3510C MB
8270C	9C22002	RSC0728-04	1,060.00	mL	1.00	mL	03/22/09 08:00	CJM	3510C MB
Volatile Organic Compounds by EPA 8260B									
8260B	9C25090	RSC0728-01	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0728-02	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0728-03	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C26010	RSC0728-04	5.00	mL	5.00	mL	03/26/09 08:55	TRB	5030B MS
8260B	9C25090	RSC0728-07	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS
8260B	9C25090	RSC0728-08	5.00	mL	5.00	mL	03/25/09 21:10	MAF	5030B MS

Shaw E & I, Inc. - Latham, NY
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Work Order: RSC0678

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Reported: 04/15/09 11:02

LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifier
Semivolatile Organics by GC/MS												
Blank Analyzed: 03/27/09 (9C19085-BLK1)												
3 & 4 Methylphenol	9C19085			5.0	0.58	ug/L	ND					
Naphthalene	9C19085			5.0	0.12	ug/L	ND					
Phenol	9C19085			5.0	0.45	ug/L	ND					
Surrogate: 2,4,6-Tribromophenol						ug/L		*106*	*52-132*			
Surrogate: 2-Fluorobiphenyl						ug/L		*88*	*48-120*			
Surrogate: 2-Fluorophenol						ug/L		*39*	*20-120*			
Surrogate: Nitrobenzene-d5						ug/L		*81*	*46-120*			
Surrogate: Phenol-d5						ug/L		*30*	*16-120*			
Surrogate: p-Terphenyl-d14						ug/L		*71*	*24-136*			
LCS Analyzed: 03/27/09 (9C19085-BS1)												
3 & 4 Methylphenol	9C19085		100	5.0	0.58	ug/L	65.9	66	39-120			
Naphthalene	9C19085		100	5.0	0.12	ug/L	79.5	80	48-120			
Phenol	9C19085		100	5.0	0.45	ug/L	36.2	36	17-120			
Surrogate: 2,4,6-Tribromophenol						ug/L		*106*	*52-132*			
Surrogate: 2-Fluorobiphenyl						ug/L		*85*	*48-120*			
Surrogate: 2-Fluorophenol						ug/L		*39*	*20-120*			
Surrogate: Nitrobenzene-d5						ug/L		*83*	*46-120*			
Surrogate: Phenol-d5						ug/L		*29*	*16-120*			
Surrogate: p-Terphenyl-d14						ug/L		*72*	*24-136*			
LCS Dup Analyzed: 03/27/09 (9C19085-BSD1)												
3 & 4 Methylphenol	9C19085		100	5.0	0.58	ug/L	68.1	68	39-120	3	30	
Naphthalene	9C19085		100	5.0	0.12	ug/L	82.9	83	48-120	4	29	
Phenol	9C19085		100	5.0	0.45	ug/L	36.8	37	17-120	2	39	
Surrogate: 2,4,6-Tribromophenol						ug/L		*110*	*52-132*			
Surrogate: 2-Fluorobiphenyl						ug/L		*88*	*48-120*			
Surrogate: 2-Fluorophenol						ug/L		*40*	*20-120*			
Surrogate: Nitrobenzene-d5						ug/L		*85*	*46-120*			
Surrogate: Phenol-d5						ug/L		*30*	*16-120*			
Surrogate: p-Terphenyl-d14						ug/L		*76*	*24-136*			

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LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifier
Semivolatile Organics by GC/MS												
Blank Analyzed: 03/28/09 (9C22002-BLK1)												
3 & 4 Methylphenol	9C22002			5.0	0.58	ug/L	ND					
Naphthalene	9C22002			5.0	0.12	ug/L	ND					
Phenol	9C22002			5.0	0.45	ug/L	ND					
Surrogate: 2,4,6-Tribromophenol						ug/L		*109*	*52-132*			
Surrogate: 2-Fluorobiphenyl						ug/L		*84*	*48-120*			
Surrogate: 2-Fluorophenol						ug/L		*42*	*20-120*			
Surrogate: Nitrobenzene-d5						ug/L		*73*	*46-120*			
Surrogate: Phenol-d5						ug/L		*32*	*16-120*			
Surrogate: p-Terphenyl-d14						ug/L		*89*	*24-136*			
LCS Analyzed: 03/28/09 (9C22002-BS1)												
3 & 4 Methylphenol	9C22002		100	5.0	0.58	ug/L	73.0	73	39-120			
Naphthalene	9C22002		100	5.0	0.12	ug/L	76.4	76	48-120			
Phenol	9C22002		100	5.0	0.45	ug/L	38.2	38	17-120			
Surrogate: 2,4,6-Tribromophenol						ug/L		*103*	*52-132*			
Surrogate: 2-Fluorobiphenyl						ug/L		*84*	*48-120*			
Surrogate: 2-Fluorophenol						ug/L		*44*	*20-120*			
Surrogate: Nitrobenzene-d5						ug/L		*76*	*46-120*			
Surrogate: Phenol-d5						ug/L		*32*	*16-120*			
Surrogate: p-Terphenyl-d14						ug/L		*85*	*24-136*			
Matrix Spike Analyzed: 03/28/09 (9C22002-MS1)												
QC Source Sample: RSC0728-04												
3 & 4 Methylphenol	9C22002	ND	94	4.7	0.55	ug/L	76.4	81	39-120			
Naphthalene	9C22002	0.368	94	4.7	0.11	ug/L	88.9	94	48-120			
Phenol	9C22002	ND	94	4.7	0.42	ug/L	39.7	42	17-120			
Surrogate: 2,4,6-Tribromophenol						ug/L		*115*	*52-132*			
Surrogate: 2-Fluorobiphenyl						ug/L		*96*	*48-120*			
Surrogate: 2-Fluorophenol						ug/L		*48*	*20-120*			
Surrogate: Nitrobenzene-d5						ug/L		*92*	*46-120*			
Surrogate: Phenol-d5						ug/L		*36*	*16-120*			
Surrogate: p-Terphenyl-d14						ug/L		*85*	*24-136*			
Matrix Spike Dup Analyzed: 03/28/09 (9C22002-MSD1)												
QC Source Sample: RSC0728-04												
3 & 4 Methylphenol	9C22002	ND	94	4.7	0.55	ug/L	71.6	76	39-120	6	30	
Naphthalene	9C22002	0.368	94	4.7	0.11	ug/L	88.2	93	48-120	1	29	
Phenol	9C22002	ND	94	4.7	0.42	ug/L	37.9	40	17-120	5	39	
Surrogate: 2,4,6-Tribromophenol						ug/L		*118*	*52-132*			
Surrogate: 2-Fluorobiphenyl						ug/L		*97*	*48-120*			
Surrogate: 2-Fluorophenol						ug/L		*45*	*20-120*			
Surrogate: Nitrobenzene-d5						ug/L		*91*	*46-120*			
Surrogate: Phenol-d5						ug/L		*34*	*16-120*			
Surrogate: p-Terphenyl-d14						ug/L		*85*	*24-136*			

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifier
Volatile Organic Compounds by EPA 8260B												
Blank Analyzed: 03/25/09 (9C25010-BLK1)												
1,1,1-Trichloroethane	9C25010			0.26	0.26	ug/L	ND					
1,1-Dichloroethane	9C25010			0.75	0.75	ug/L	ND					
1,1-Dichloroethene	9C25010			0.29	0.29	ug/L	ND					
1,2-Dichloroethene, Total	9C25010			0.70	0.70	ug/L	ND					
Chlorobenzene	9C25010			0.32	0.32	ug/L	ND					
Chloroethane	9C25010			0.32	0.32	ug/L	ND					
cis-1,2-Dichloroethene	9C25010			0.16	0.16	ug/L	ND					
Tetrachloroethene	9C25010			0.36	0.36	ug/L	ND					
Toluene	9C25010			0.51	0.51	ug/L	ND					
trans-1,2-Dichloroethene	9C25010			0.13	0.13	ug/L	ND					
Trichloroethene	9C25010			0.18	0.18	ug/L	ND					
Vinyl chloride	9C25010			0.24	0.24	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4						ug/L		*92*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*94*	*73-120*			
Surrogate: Toluene-d8						ug/L		*97*	*71-126*			
LCS Analyzed: 03/25/09 (9C25010-BS1)												
1,1,1-Trichloroethane	9C25010		25	0.26	0.26	ug/L	25.1	101	78-124			
1,1-Dichloroethane	9C25010		25	0.75	0.75	ug/L	26.2	105	78-120			
1,1-Dichloroethene	9C25010		25	0.29	0.29	ug/L	26.9	108	73-143			
1,2-Dichloroethene, Total	9C25010		50	0.70	0.70	ug/L	51.3	103	80-120			
Chlorobenzene	9C25010		25	0.32	0.32	ug/L	24.1	96	79-118			
Chloroethane	9C25010		25	0.32	0.32	ug/L	26.6	106	69-136			
cis-1,2-Dichloroethene	9C25010		25	0.16	0.16	ug/L	24.9	100	78-117			
Tetrachloroethene	9C25010		25	0.36	0.36	ug/L	24.0	96	77-120			
Toluene	9C25010		25	0.51	0.51	ug/L	24.3	97	77-119			
trans-1,2-Dichloroethene	9C25010		25	0.13	0.13	ug/L	26.4	106	79-122			
Trichloroethene	9C25010		25	0.18	0.18	ug/L	24.2	97	80-121			
Vinyl chloride	9C25010		25	0.24	0.24	ug/L	24.2	97	68-127			
Surrogate: 1,2-Dichloroethane-d4						ug/L		*97*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*99*	*73-120*			
Surrogate: Toluene-d8						ug/L		*99*	*71-126*			

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13 British American Boulevard
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LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifier
Volatile Organic Compounds by EPA 8260B												
Blank Analyzed: 03/25/09 (9C25090-BLK1)												
1,1,1-Trichloroethane	9C25090			0.26	0.26	ug/L	ND					
1,1-Dichloroethane	9C25090			0.75	0.75	ug/L	ND					
1,1-Dichloroethene	9C25090			0.29	0.29	ug/L	ND					
1,2-Dichloroethene, Total	9C25090			0.70	0.70	ug/L	ND					
Chlorobenzene	9C25090			0.32	0.32	ug/L	ND					
Chloroethane	9C25090			0.32	0.32	ug/L	ND					
cis-1,2-Dichloroethene	9C25090			0.16	0.16	ug/L	ND					
Tetrachloroethene	9C25090			0.36	0.36	ug/L	ND					
Toluene	9C25090			0.51	0.51	ug/L	ND					
trans-1,2-Dichloroethene	9C25090			0.13	0.13	ug/L	ND					
Trichloroethene	9C25090			0.18	0.18	ug/L	ND					
Vinyl chloride	9C25090			0.24	0.24	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4						ug/L		*95*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*93*	*73-120*			
Surrogate: Toluene-d8						ug/L		*100*	*71-126*			
LCS Analyzed: 03/25/09 (9C25090-BS1)												
1,1,1-Trichloroethane	9C25090		25	N/A	NA	ug/L	23.6	94	78-124			
1,1-Dichloroethane	9C25090		25	N/A	NA	ug/L	24.5	98	78-120			
1,1-Dichloroethene	9C25090		25	N/A	NA	ug/L	24.6	99	73-143			
1,2-Dichloroethene, Total	9C25090		50	N/A	NA	ug/L	49.5	99	80-120			
Chlorobenzene	9C25090		25	N/A	NA	ug/L	23.7	95	79-118			
Chloroethane	9C25090		25	N/A	NA	ug/L	23.5	94	69-136			
cis-1,2-Dichloroethene	9C25090		25	N/A	NA	ug/L	25.2	101	78-117			
Tetrachloroethene	9C25090		25	N/A	NA	ug/L	23.1	93	77-120			
Toluene	9C25090		25	N/A	NA	ug/L	23.6	94	77-119			
trans-1,2-Dichloroethene	9C25090		25	N/A	NA	ug/L	24.3	97	79-122			
Trichloroethene	9C25090		25	N/A	NA	ug/L	22.3	89	80-121			
Vinyl chloride	9C25090		25	N/A	NA	ug/L	22.2	89	68-127			
Surrogate: 1,2-Dichloroethane-d4						ug/L		*98*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*98*	*73-120*			
Surrogate: Toluene-d8						ug/L		*98*	*71-126*			

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
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LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifier
Volatile Organic Compounds by EPA 8260B												
Blank Analyzed: 03/26/09 (9C26010-BLK1)												
1,1,1-Trichloroethane	9C26010			0.26	0.26	ug/L	ND					
1,1-Dichloroethane	9C26010			0.75	0.75	ug/L	ND					
1,1-Dichloroethene	9C26010			0.29	0.29	ug/L	ND					
1,2-Dichloroethene, Total	9C26010			0.70	0.70	ug/L	ND					
Chlorobenzene	9C26010			0.32	0.32	ug/L	ND					
Chloroethane	9C26010			0.32	0.32	ug/L	ND					
cis-1,2-Dichloroethene	9C26010			0.16	0.16	ug/L	ND					
Tetrachloroethene	9C26010			0.36	0.36	ug/L	ND					
Toluene	9C26010			0.51	0.51	ug/L	ND					
trans-1,2-Dichloroethene	9C26010			0.13	0.13	ug/L	ND					
Trichloroethene	9C26010			0.18	0.18	ug/L	ND					
Vinyl chloride	9C26010			0.24	0.24	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4						ug/L		*98*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*98*	*73-120*			
Surrogate: Toluene-d8						ug/L		*103*	*71-126*			
LCS Analyzed: 03/26/09 (9C26010-BS1)												
1,1,1-Trichloroethane	9C26010		25	0.26	0.26	ug/L	25.6	102	78-124			
1,1-Dichloroethane	9C26010		25	0.75	0.75	ug/L	27.0	108	78-120			
1,1-Dichloroethene	9C26010		25	0.29	0.29	ug/L	27.4	109	73-143			
1,2-Dichloroethene, Total	9C26010		50	0.70	0.70	ug/L	52.9	106	80-120			
Chlorobenzene	9C26010		25	0.32	0.32	ug/L	24.4	98	79-118			
Chloroethane	9C26010		25	0.32	0.32	ug/L	26.9	108	69-136			
cis-1,2-Dichloroethene	9C26010		25	0.16	0.16	ug/L	25.6	102	78-117			
Tetrachloroethene	9C26010		25	0.36	0.36	ug/L	24.3	97	77-120			
Toluene	9C26010		25	0.51	0.51	ug/L	24.5	98	77-119			
trans-1,2-Dichloroethene	9C26010		25	0.13	0.13	ug/L	27.4	110	79-122			
Trichloroethene	9C26010		25	0.18	0.18	ug/L	23.8	95	80-121			
Vinyl chloride	9C26010		25	0.24	0.24	ug/L	24.2	97	68-127			
Surrogate: 1,2-Dichloroethane-d4						ug/L		*102*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*103*	*73-120*			
Surrogate: Toluene-d8						ug/L		*102*	*71-126*			
Matrix Spike Analyzed: 03/26/09 (9C26010-MS1)												
QC Source Sample: RSC0728-04												
1,1,1-Trichloroethane	9C26010	ND		0.26	0.26	ug/L	ND		78-124			
1,1-Dichloroethane	9C26010	0.780		0.75	0.75	ug/L	ND		71-129			
1,1-Dichloroethene	9C26010	ND	25	0.29	0.29	ug/L	29.4	118	73-143			
1,2-Dichloroethene, Total	9C26010	2.94		0.70	0.70	ug/L	2.67		80-120			
Chlorobenzene	9C26010	ND	25	0.32	0.32	ug/L	28.3	113	79-118			
Chloroethane	9C26010	ND		0.32	0.32	ug/L	ND		69-136			
cis-1,2-Dichloroethene	9C26010	2.94		0.16	0.16	ug/L	2.67		78-117			
Tetrachloroethene	9C26010	ND		0.36	0.36	ug/L	ND		77-120			
Toluene	9C26010	ND	25	0.51	0.51	ug/L	28.6	114	77-119			
trans-1,2-Dichloroethene	9C26010	ND		0.13	0.13	ug/L	ND		79-122			
Trichloroethene	9C26010	ND	25	0.18	0.18	ug/L	25.0	100	80-121			

Shaw E & I, Inc. - Latham, NY
13 British American Boulevard
Latham, NY 12110-1405

Work Order: RSC0678

Project: AMERICAN AIRLINES - DUTCHESS COUNTY
Project Number: SHAW

Received: 03/19/09-03/20/09
Reported: 04/15/09 11:02

LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifier
Volatile Organic Compounds by EPA 8260B												
Matrix Spike Analyzed: 03/26/09 (9C26010-MS1)												
QC Source Sample: RSC0728-04												
Vinyl chloride	9C26010	8.84		0.24	0.24	ug/L	7.72		68-127			
Surrogate: 1,2-Dichloroethane-d4						ug/L		*99*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*99*	*73-120*			
Surrogate: Toluene-d8						ug/L		*104*	*71-126*			
Matrix Spike Dup Analyzed: 03/26/09 (9C26010-MSD1)												
QC Source Sample: RSC0728-04												
1,1,1-Trichloroethane	9C26010	ND		0.26	0.26	ug/L	ND		78-124		15	
1,1-Dichloroethane	9C26010	0.780		0.75	0.75	ug/L	ND		71-129		20	
1,1-Dichloroethene	9C26010	ND	25	0.29	0.29	ug/L	29.4	118	73-143	0	16	
1,2-Dichloroethene, Total	9C26010	2.94		0.70	0.70	ug/L	2.77		80-120	4	20	
Chlorobenzene	9C26010	ND	25	0.32	0.32	ug/L	28.1	112	79-118	1	25	
Chloroethane	9C26010	ND		0.32	0.32	ug/L	ND		69-136		15	
cis-1,2-Dichloroethene	9C26010	2.94		0.16	0.16	ug/L	2.77		78-117	4	15	
Tetrachloroethene	9C26010	ND		0.36	0.36	ug/L	ND		77-120		20	
Toluene	9C26010	ND	25	0.51	0.51	ug/L	28.2	113	77-119	1	15	
trans-1,2-Dichloroethene	9C26010	ND		0.13	0.13	ug/L	ND		79-122		20	
Trichloroethene	9C26010	ND	25	0.18	0.18	ug/L	24.6	98	80-121	1	16	
Vinyl chloride	9C26010	8.84		0.24	0.24	ug/L	7.90		68-127	2	15	
Surrogate: 1,2-Dichloroethane-d4						ug/L		*100*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*101*	*73-120*			
Surrogate: Toluene-d8						ug/L		*106*	*71-126*			

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Shaw Environmental, Inc.	B. Neumann	3/18/09	098597
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
13 British American Blvd.	(518) 783-1996 / (518) 783		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Latham / NY / 12110	R. Adams	C. Fox	
Project Name and Location (State)	**Carrier/Waybill Number**		
AA Flagship Wappingers Falls, NY			
Contract/Purchase Order/Quote No.			

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	Analysis: 8260 VOCs	8270 Select list	Special Instructions/ Conditions of Receipt
ME-18	3/18/09	1200		X			2			3			X	X	
ME-12		1120											X	X	
MW-6		1045											X	X	
MW-20		1340											X	X	
ME-14		1125											X	X	
MW-2		1050											X	X	
MW-9/10R		1025											X	X	
A-26S		1215											X	X	
A-43S		1300											X	X	
MW-8		1345											X	X	
Duplicate	—	—								3			X	X	
Trip Blank	—	—					-			2			X		

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 Standard

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	[signature]	3/18/09	1530	[signature]	3/19/09	0900
2.						
3.						

Comments

3620a

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