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November 23, 2010

Ms. Linda Ross, CPG
New York State Department of Environmental Conservation, Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

Subject: **Fourth Quarter 2010 Groundwater Monitoring Report**
October 2010 Sampling Event
Former Scott Aviation Facility
Lancaster, New York
NYSDEC Site Code No. 9-15-149

Dear Ms. Ross,

On behalf of Scott Technologies, Inc., AECOM is pleased to provide the Fourth Quarter 2010 Groundwater Monitoring Report for the former Scott Aviation Facility (site) located in Lancaster, New York (**Figure 1**). Quarterly groundwater monitoring activities have been performed in accordance with the New York State Department of Environmental Conservation (NYSDEC), Administrative Order on Consent (AOC), Index No. B9-0377095-05, for the former Scott Aviation property (formerly Figgie International), NYSDEC Site Code No. 9-15-149. This report has been developed in accordance with the NYSDEC, Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

Groundwater samples were collected from select monitoring wells in fulfillment of the site AOC groundwater monitoring requirements. A new monitoring schedule was implemented based on Table 10 presented in the Remedial Action Engineering Report (January 22, 2009 through April 8, 2010), dated June 2010, and the wells sampled during this groundwater event reflected this new schedule. Additionally, vapor samples were collected as part of the October 2010 sampling event from the remediation system's air discharge sampling ports to ensure that the treated system effluent was in compliance with NYSDEC vapor discharge guidance criteria. Included in this report are a description of the project background, groundwater and vapor monitoring activities, operation and maintenance (O&M) activities for the Dual Phase Extraction (DPE) remediation system, and a summary of groundwater quality and vapor effluent results.

Project Background

Scott Aviation, Inc. was sold to Zodiac Acquisitions Corporation, and the facility is now occupied by AVOX Systems Inc. Responsibility for the DPE groundwater remediation system located at 25A

Walter Winter Drive, west of AVOX Plant 2, was retained by Scott Technologies, Inc., the former parent company of Scott Aviation, Inc. Scott Technologies, Inc. has retained the services of AECOM for the ongoing O&M of the DPE remediation system and related groundwater monitoring activities.

AECOM conducted a site investigation during February 2003 in fulfillment of the document "Site Investigation Work Plan," dated December 31, 2002, and it was approved by NYSDEC on January 15, 2003. A comprehensive Site Investigation Completion Report (SICR) was submitted to NYSDEC on June 30, 2003; the report was approved by NYSDEC in August 2003. At the request of NYSDEC, AECOM prepared a Remedial Design Work Plan (RDWP) to complete the additional remedial work recommended in the SICR. The RDWP was submitted on November 21, 2003, and it was approved by NYSDEC on January 5, 2004.

Per the approved RDWP, a DPE remediation system was installed at the site during the period of February 2004 through May 2004, and the DPE system was initially started on May 14, 2004. The DPE system was combined with a pre-existing groundwater collection trench (GWCT) system that was started on March 1, 1996.

The objectives for this combined remediation system (collectively known as the combined DPE remediation system) include:

- Maintaining hydraulic capture of groundwater containing dissolved volatile organic compounds (VOCs) along the western Plant 2 property boundary;
- Inducing a depression in the water table surface and reversing the groundwater flow direction along the western Plant 2 property boundary; and
- Reducing VOC concentrations in perched groundwater and soil.

Figure 2 depicts the location of site groundwater monitoring wells and piezometers, the DPE recovery wells and system piping, the enclosed DPE system trailer, and the pre-existing GWCT and treatment building. **Figure 3** provides the process and instrumentation diagram for the combined DPE remediation system.

At the conclusion of the initial one-year O&M period (May 14, 2004 to July 19, 2005), a Remedial Action Engineering Report (RAER) was prepared to summarize the combined DPE remediation system design, combined DPE remediation system start-up, O&M activities, quarterly monitoring data, as well as to provide recommendations for continued system operation, system optimization, sampling frequency, and O&M. The 2005 RAER was submitted to the NYSDEC on November 11, 2005. In a letter dated December 13, 2005, the NYSDEC accepted the 2005 RAER and requested the addition of site monitoring wells MW-4, MW-8R, and MW-16S to the quarterly site sampling schedule.

The second year of DPE groundwater remediation system operation was summarized in the RAER (July 20, 2005 through July 20, 2006) and was submitted to the NYSDEC in November 2006. The third year of DPE groundwater remediation system operation was summarized in the RAER (July 21, 2006 through October 15, 2007) and was submitted to the NYSDEC in January 2007. The fourth year of DPE groundwater remediation system operation was summarized in the RAER (October 15, 2007 through January 22, 2009) and was submitted to the NYSDEC in April 2009.

The fifth year of DPE groundwater remediation system operation was summarized in the RAER (January 22, 2009 through April 8, 2010) and was submitted to the NYSDEC in June 2010.

Per a letter from NYSDEC dated August 16, 2010, an Institutional Controls/Engineering Controls (IC/EC) certification is required for by September 15, 2010. Future IC/EC certifications are required by July 31 of each calendar year, and are to include four quarters of sampling based on the attached **Table 1** (proposed groundwater monitoring schedule for the site from January 2011 through October 2011).

Beginning on July 28, 2010 and concluding on October 29, 2010, O&M, Inc., on behalf of Scott Technologies, Inc. and with NYSDEC approval, initiated a chemical oxidation pilot study. The study consisted of injection of sodium persulfate with chelated iron activation at 10 injection points located within the area of the >100 ug/L TCE plume. The results of the pilot study will be summarized to the NYSDEC upon receipt of the groundwater sampling results, estimated to be December 15, 2010.

Quarterly Groundwater Monitoring Activities – October 2010

AECOM personnel collected quarterly groundwater samples on October 11, 2010, in accordance with the procedures outlined in the NYSDEC-approved RDWP. Monitoring wells sampled in October 2010 included MW 2, MW-3, MW-4, MW-6, MW-10, MW-11, MW-12, and MW-16S (**Figure 2**). Field forms generated during this sampling event are provided in **Appendix A**. Groundwater samples were analyzed for VOCs by United States Environmental Protection Agency (EPA) SW-846 Method 8260B by Test America Laboratories, Inc. located in Amherst, New York.

Prior to the collection of groundwater samples, a complete round of groundwater levels were measured in all site wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on October 11, 2010. A summary of current and historical groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair are provided in **Appendix B**. Monitoring wells MW-2, MW-3, MW-6, MW-8R, MW-9, MW-10, MW-11, and MW-12 are screened across both the shallow and deep overburden groundwater zones. The nested piezometer pairs (MW-13S/D, MW-14S/D, MW-15S/D, and MW-16S/D) are discretely screened with one piezometer screened in the shallow overburden groundwater zone ('S' designation) and one piezometer screened in the deep overburden groundwater zone ('D' designation). **Figure 4** provides the groundwater surface contours and the corresponding groundwater flow direction using monitoring well and deep piezometer water elevation data.

Groundwater elevations measured on October 11, 2010 ranged from as low as 669.73 feet above mean sea level (AMSL) at MW-4 to as high as 684.38 feet AMSL at MW-15S. The average of groundwater surface elevations across the site 0.3 feet lower since the last round of groundwater measurements collected on July 12, 2010. Based on the October 2010 water level measurements, the groundwater surface beneath the site exhibits inward flow towards the DPE wells and the GWCT. As **Figure 4** illustrates the DPE wells and the GWCT continue to induce groundwater flow reversal along the western AVOX Plant 2 property boundary. This reversal in groundwater flow provides sustained hydraulic capture of VOCs present in the overburden groundwater that might otherwise migrate off-site.

Groundwater Quality Results – October 2010

Table 3 summarizes the VOCs detected in the groundwater samples collected in October 2010. The table below summarizes VOCs detected in groundwater above their detection limits, their respective concentration ranges, the number of detections, and the number of those detections that exceeded the Site-specific Remedial Action Objectives (RAOs) or the New York Code of Rules and Regulations (NYCRR), Title 6, Part 702.15(a)(2) and 703.5. Note that in some cases the detection limits for certain VOCs were set above their respective RAO's due to dilution factors (high concentration of target analyte[s]).

Groundwater Quality Results
October 2010

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	Remedial Action Objective/NYCRR Exceedances
Vinyl chloride	8.1 - 6,300	5	5
cis-1,2-Dichloroethene	3.2 – 90,000	5	4
Chloroethane	7.2 - 33	4	4
1,1-Dichloroethane	12 - 3,100	4	4
Trichloroethene	0.8 – 300,000	4	1
1,1,1-Trichloroethane	2.2 – 5,000	2	1
1,1-Dichloroethene	2	1	1
1,2-Dichloroethane	0.83	1	1

Eight VOCs were detected in groundwater above their associated detection limit during the monitoring period. Eight of the eight VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria. The most prevalent compounds detected in groundwater in October 2010 included Vinyl Chloride (VC), cis-1,2-Dichloroethene (cis-1,2-DCE), Chloroethane, 1,1-Dichloroethane (1,1-DCA), and Trichloroethene (TCE). The occurrence of these compounds is primarily in the vicinity of the former on-site source area, and VOC concentrations decrease significantly in the vicinity of the perimeter monitoring wells.

An electronic copy of the analytical laboratory data package for the October 2010 groundwater monitoring event is provided as **Appendix C** on a compact disc (CD). A complete hard copy of the analytical data report is on file in AECOM's Amherst, New York office, and it can be made available to the NYSDEC upon request.

The presence and distribution of TCE daughter products (cis-1,2-DCE and VC) and 1,1,1-Trichloroethane (1,1,1-TCA) daughter products (1,1-Dichloroethene (1,1-DCE), 1,1-DCA, and Chloroethane) provides supportive evidence that the attenuation of TCE and 1,1,1-TCA and its daughter products, via reductive dechlorination, continues to occur naturally at the site. The occurrence of these daughter products appears to be directly related to the distribution of TCE and 1,1,1-TCA in the subsurface.

Historical trend plots for the wells sampled this quarter illustrating concentrations of TCE, cis-1,2-DCE, VC, 1,1,1-TCA, 1,1-DCA, and Chloroethane are provided in **Appendix D**. Although TCE

concentrations in three of the sampled wells increased compared to each wells previous sampling event, the concentrations are well within historic concentration fluctuations. The detection trichloroethene in the groundwater sample collected from MW-2 is thought to be an anomaly. The MW-2 concentration will be confirmed in future sampling events. The VOC concentrations in groundwater continue to show a degradation trend as a result of naturally occurring reductive dechlorination processes. Additionally, VOCs in soil vapor and groundwater are also decreasing as a result of extraction and treatment through the combined DPE remediation system. Because TCE is considered the primary source of groundwater contamination at the site, a summary of historical and current TCE concentrations in groundwater for the eight monitoring wells and piezometers sampled in October 2010 is included in **Table 4**. Recall that the DPE component of the combined remediation system was started on May 14, 2004.

During this quarterly groundwater monitoring period, TCE was not detected above its RAO in site perimeter monitoring wells MW-3, MW-6, MW-10, MW-11, and MW-12. As shown on **Table 4**, the concentration of TCE in groundwater in October 2010 increased in MW-2, MW-4, and MW-16S when compared to the TCE results from the July 2010 sampling event. Note monitoring wells MW-8R and MW-13S were not sampled this quarter. The percent increase in TCE concentration between April 2010 and October 2010 in MW-4 and MW-16S was approximately 160% and 36% respectively; but within the historic range for these wells. The increase observed in MW-2 appears to be anomalous; there has been no TCE detected at this well in the past. The percent decrease in TCE concentration between July 2009 and October 2010 in MW-11 was approximately 20%.

Table 4 also shows the percent reduction in TCE concentrations between the baseline sampling event and the October 2010 monitoring event for each of the monitoring wells sampled. Overall, decreases in the concentration of TCE detected since the combined DPE groundwater remediation system was installed in May 2004 indicate the system continues to reduce VOC concentrations in perched groundwater and soil at the site. In addition, the treatment system also continues to prevent the off-site migration of high concentrations of TCE.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – October 2010

AECOM personnel collected vapor effluent samples from the combined DPE groundwater remediation system vapor discharge stacks on October 11, 2010. Summa canisters were used to collect vapor samples from permanent sample ports located on two system air stacks. **Figure 3** shows the location of both vapor sample ports. The first sample was obtained from the vapor effluent discharge from the DPE system at the liquid ring pump (LRP). The second sample was obtained from the air stripper (AS) unit discharge. Air samples were analyzed for VOCs by Method TO-14A by Test America Laboratories, Inc. located in Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – October 2010

The system vapor effluent results are summarized in **Table 5**, and an electronic copy of the analytical laboratory data package is provided on the enclosed CD in **Appendix C** (complete hard copy available in AECOM's Amherst, New York office). Seven VOCs were detected in the combined DPE remediation system LRP effluent and 17 VOCs were detected in the AS unit effluent. The total VOCs discharged in the LRP effluent were 20,520 micrograms per cubic meter (µg/m3) and 596 µg/m^3 in the AS unit effluent. The calculated VOC discharge-loading rate for the

combined DPE remediation system was approximately 0.002 pounds per hour (lb/hr), which is below the NYSDEC discharge guidance value of 0.5 lb/hr.

Dual Phase Extraction System Operation and Maintenance

AECOM monitored system performance, conducted routine O&M, and responded to system alarms and periodic breakdowns of the combined DPE remediation system. O&M activities conducted in addition to routine O&M activities during the monitoring period included the following:

- Beginning on July 26, 2010, O&M, Inc. performed a pilot study injection of sodium persulfate and iron at ten injection points.

- On July 26, 2010, AECOM's hazardous waste disposal vendor transported one drum of F002 hazardous waste solids generated during routine O&M activities.

- On August 18, 2010, AECOM and AECOM's subcontractor, Matrix Environmental Technologies, Inc. (Matrix), dismantled and removed the liquid ring pump motor for offsite repairs. In addition, the groundwater collection trench pump was cleaned to increase the pumps efficiency.

- On September 1, 2010, Matrix Environmental Technologies, Inc. was on site to reassemble the liquid ring pump, change the seal fluid and filter element, and restart the DPE system. Prior to restarting the DPE system, the knockout tank and hold tank were be cleaned.

The combined DPE remediation system ran intermittently during the monitoring period. Note the DPE system was turned off during the chemical injection pilot study between July 28, 2010 and August 4, 2010 in an effort to maximize contact time of the injection chemicals and contaminants. Based on a system operational period from July 7, 2010 through October 11, 2010, the total combined DPE system runtime was approximately 46.6 percent. This runtime percentage was derived from the LRP run timer divided by the monitoring time period. During this operational period, the DPE system collected an estimated 16,800 gallons of groundwater at an average flow rate of 0.12 gallons per minute (gpm). The GWCT collected 99,580 gallons of groundwater at an average flow rate of 0.72 gpm. Therefore, the estimated total volume of groundwater treated and discharged by the AS unit to the local sanitary sewer was 116,380 gallons at a combined average flow rate of 0.84 gpm.

Summary

The combined DPE remediation system (DPE and GWCT) was fully operational during Fourth Quarter 2010 groundwater sampling and monitoring activities that occurred on October 11, 2010. TCE was not detected above its RAO in site perimeter monitoring wells MW-3, MW-6, MW-10, MW-11, and MW-12. TCE was, however, anomalously detected at MW-2 (TCE has not been previously detected at this well). A decrease in the concentration of TCE was observed in MW-11 when compared to the results from the previous sampling event. There was an increase in TCE detected at MW-4 and MW-16S; however, the concentration of TCE identified in these monitoring wells

during the October 2010 sampling event was below the baseline concentration measured in these wells.

Based on the results of the October 2010 sampling event, the combined DPE remediation system continues to maintain hydraulic capture of the overburden groundwater. In addition, the system continues to make progress towards the reduction of the concentration of VOCs present in site soil and groundwater. Vapor emissions produced by the combined system during the Fourth Quarter 2010 were less than the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event is scheduled for January 2011, and a list of the monitoring wells and piezometers to be sampled is included in **Table 1**. If you have any questions regarding this submission, please do not hesitate to contact me at (716) 836-4506 or via e-mail at dino.zack@aecom.com.

Yours sincerely,

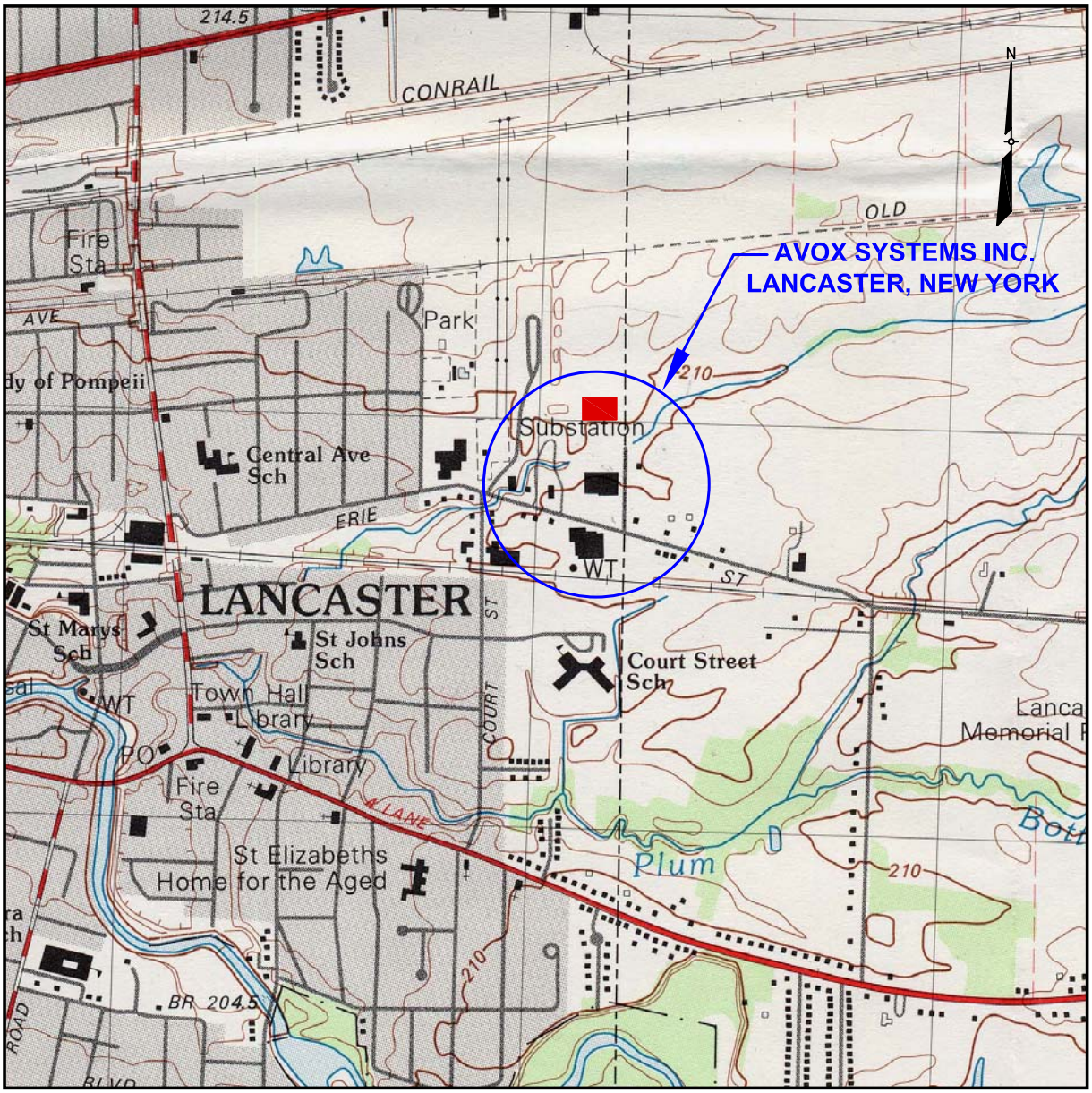
Dino L. Zack, P.G.
Project Manager

\Enclosures

cc:

Deanna Ripstein, NYSDOH – Western Regional Office (Electronic Copy)
William Saskowski, AVOX Systems Inc. (Electronic Copy)
John Perkins, Tyco Safety Products (Electronic Copy)
Eric Frauen, O&M, Inc. (Electronic Copy)
AECOM Project File (Hard Copy)

Figures



SOURCE:
1982 GEOLOGIC SURVEY 7.5 X 15 MINUTE TOPOGRAPHIC QUADRANGLE
LANCASTER, NEW YORK

LEGEND

AVOX PLANT 3 ADDED AFTER PUBLICATION OF LANCASTER, NEW YORK TOPOGRAPHIC QUADRANGLE.

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AECOM

FIGURE 1
SITE LOCATION MAP

AVOX SYSTEMS INC.
LANCASTER, NEW YORK

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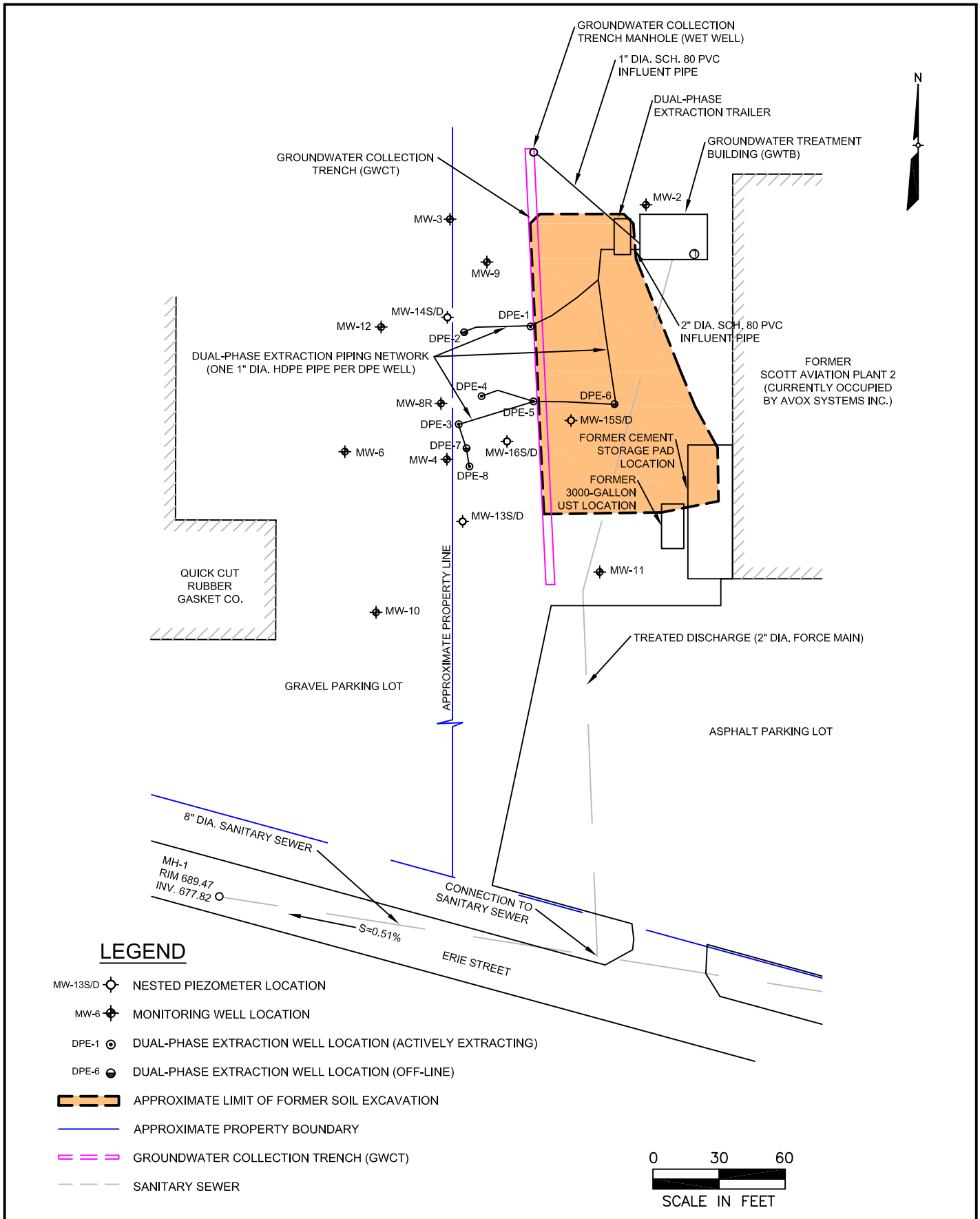

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FIGURE 2
SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

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CONDENSATE RETURN LINES

VAPOR DISCHARGE TO ATMOSPHERE

OIL SEALED VACUUM BLOWER (LIQUID RING PUMP)

RECYCLE LINE

OIL FILTER RECYCLER

DUAL PHASE EXTRACTION TRAILER

PARTICULATE/LIQUID FILTER

DPE SYSTEM CONTROL PANEL

VAPOR / LIQUID PHASE SEPARATOR

DPE-6 DPE-7 DPE-8

SPARE DPE-1 DPE-2 DPE-3 DPE-4 DPE-5

AUTO TRANSER PUMP

HOLD TANK

AUTO TRANSER PUMP

BAG FILTER #1

BAG FILTER #2

VACUUM BLOWER

VAPOR DISCHARGE TO ATMOSPHERE

FLOOR SUMP

AIR BLEED VALVE

DROP TUBE

DPE RECOVERY WELL (TYP)

AIR STRIPPER SYSTEM CONTROL PANEL

AIR STRIPPER

AUTO TRANSER PUMP

GROUNDWATER TREATMENT BUILDING (GWTB)

SUBMURSIBLE PUMP

GROUNDWATER COLLECTION TRENCH (GWCT) WET WELL

HEAT EXCHANGER (OFF-LINE)

CONDENSATE RETURN LINES

TREATED WATER DISCHARGE TO SANITARY SEWER

FRESH AIR INTAKE

LEGEND

- DUAL PHASE EXTRACTION TRAILER
- GROUNDWATER TREATMENT BUILDING
- WATER
- AIR
- ELECTRIC
- H H HIGH HIGH
- H L HIGH LOW
- L L LOW LOW
- T TEMPERATURE GUAGE
- P PRESSURE GUAGE
- G FLOW GUAGE
- V VACUUM GUAGE
- F FLOW METER
- S SAMPLING PORT (MANUAL)
- BALL VALVE
- CHECK VALVE

AECOM

FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM FOR COMBINED DUAL PHASE EXTRACTION REMEDIATION SYSTEM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

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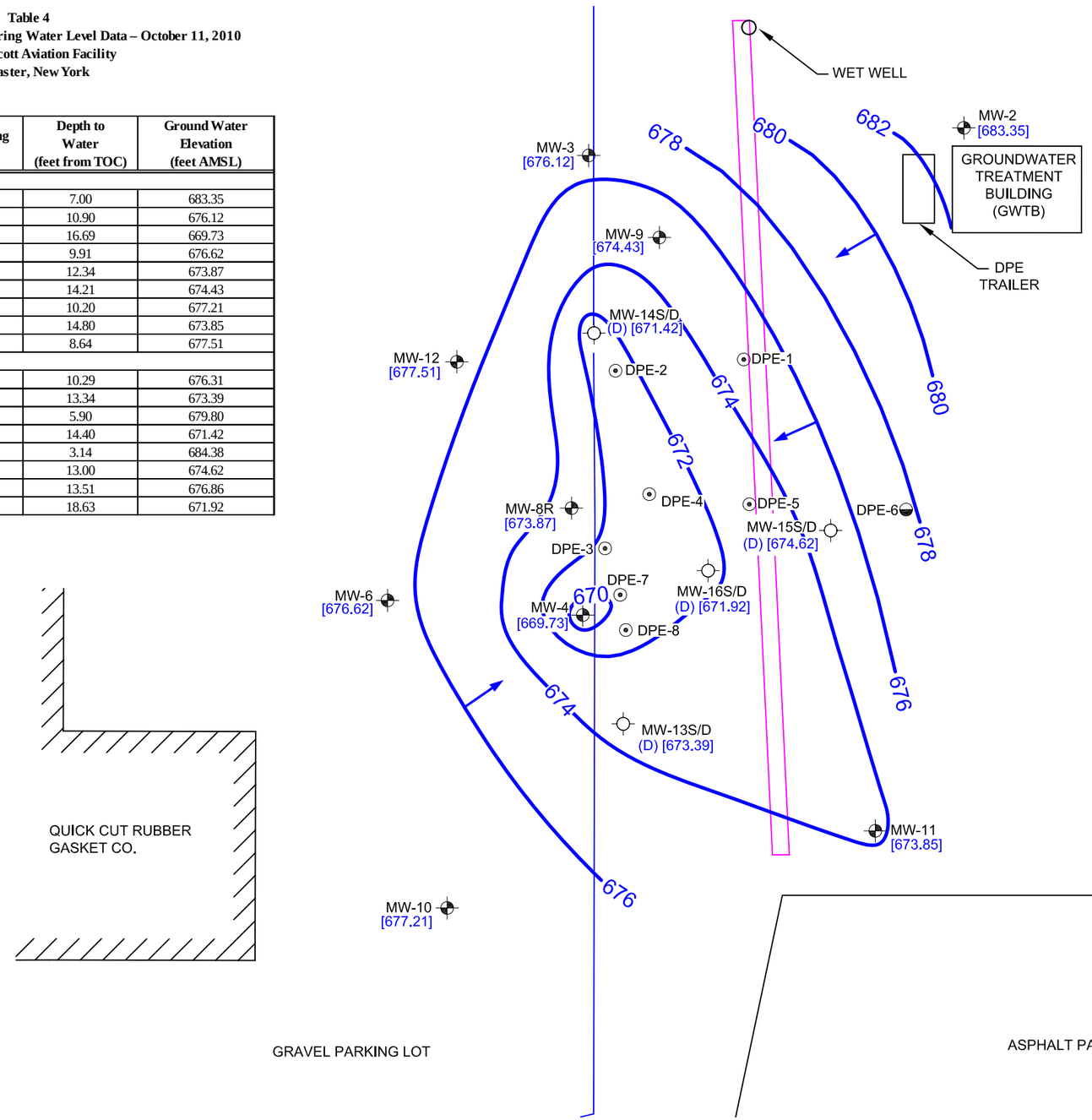
Table 4
Quarterly Groundwater Monitoring Water Level Data – October 11, 2010
Former Scott Aviation Facility
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	7.00	683.35
MW-3	687.02	10.90	676.12
MW-4	686.42	16.69	669.73
MW-6	686.53	9.91	676.62
MW-8R	686.21	12.34	673.87
MW-9	688.64	14.21	674.43
MW-10	687.41	10.20	677.21
MW-11	688.65	14.80	673.85
MW-12	686.15	8.64	677.51
Nested Piezometers			
MW-13S	686.60	10.29	676.31
MW-13D	686.73	13.34	673.39
MW-14S	685.70	5.90	679.80
MW-14D	685.82	14.40	671.42
MW-15S	687.52	3.14	684.38
MW-15D	687.62	13.00	674.62
MW-16S	690.37	13.51	676.86
MW-16D	690.55	18.63	671.92

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level



LEGEND

- MW-13S/D — NESTED PIEZOMETER LOCATION
- MW-9 — MONITORING WELL LOCATION
- DPE-8 — DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-2 — DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [674.43] — GROUNDWATER SURFACE ELEVATION IN FEET MSL
- 674 — ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET MSL
- GROUND WATER FLOW DIRECTION
- (D) — DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

1. GROUNDWATER ELEVATIONS FROM THE DEEP PIEZOMETER PAIR LOCATIONS (i.e. MW-13D, MW-14D, MW-15D, MW-16D) WERE USED TO CREATE THE GROUNDWATER SURFACE CONTOURS.
2. GROUNDWATER WATER LEVELS WERE COLLECTED ON OCTOBER 11, 2010.

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SCALE IN FEET

AECOM

FIGURE 4
GROUNDWATER SURFACE CONTOUR MAP
OCTOBER 2010
DEEP OVERBURDEN GROUNDWATER LEVELS
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK
71149

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Tables

Table 1

Groundwater Monitoring Schedule - January 2011 through October 2011
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Event Date	Number of Wells/Piezometers Sampled	Wells/Piezometers Sampled			
Quarterly Groundwater Monitoring					
January 2011	8	MW-2	MW-3	MW-6	MW-8R
		MW-10	MW-11	MW-12	MW-13S
April 2011	17	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-9	MW-10	MW-11
		MW-12	MW-13S	MW-13D	MW-14S
		MW-14D	MW-15S	MW-15D	MW-16S
		MW-16D			
July 2011	8	MW-2	MW-3	MW-4	MW-6
		MW-10	MW-11	MW-12	MW-16S
October 2011	8	MW-2	MW-3	MW-6	MW-8R
		MW-10	MW-11	MW-12	MW-13S

Table 2

Quartlery Groundwater Monitoring Water Level Data - October 11, 2010
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	7.00	683.35
MW-3	687.02	10.90	676.12
MW-4	686.42	16.69	669.73
MW-6	686.53	9.91	676.62
MW-8R	686.21	12.34	673.87
MW-9	688.64	14.21	674.43
MW-10	687.41	10.20	677.21
MW-11	688.65	14.80	673.85
MW-12	686.15	8.64	677.51
Nested Piezometers			
MW-13S	686.60	10.29	676.31
MW-13D	686.73	13.34	673.39
MW-14S	685.70	5.90	679.80
MW-14D	685.82	14.40	671.42
MW-15S	687.52	3.14	684.38
MW-15D	687.62	13.00	674.62
MW-16S	690.37	13.51	676.86
MW-16D	690.55	18.63	671.92

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level

Table 3

Summary of Laboratory Analytical Data for Groundwater
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	MW-2	MW-3	MW-6	MW-4
Date Collected	RAO/ NYCRR	10/11/10	10/11/10	10/11/10	10/11/10
Lab Sample ID	Objectives	RTJ1210-11	RTJ1210-08	RTJ1210-06	RTJ1210-09
Volatile Organic Compounds by Method 8260 (µg/L)					
Chloroethane	5	**13 DJ**	**7.2**	< 5.0 U	< 4,000 U
1,1-Dichloroethane	5	< 25 U	**12.0**	< 5.0 U	**790 DJ**
1,1-Dichloroethene	5	< 25 U	< 5.0 U	< 5.0 U	< 4,000 U
cis-1,2-Dichloroethene	5	**25 D**	**3.2 J**	< 5.0 U	**43,000 D**
1,1,1-Trichloroethane	5	< 25 U	< 5.0 U	< 5.0 U	< 4,000 U
Trichloroethene	5	**350***	< 5.0 U	< 5.0 U	**7,800 D**
1,2-Dichloroethane	0.6	< 25 U	< 5.0 U	< 5.0 U	< 4,000 U
Vinyl chloride	2	< 25 U	**55**	< 5.0 U	**3,000 DJ**

Sample ID	Groundwater	MW-10	MW-11	MW-12	MW-16S
Date Collected	RAO/ NYCRR	10/11/10	10/11/10	10/11/10	10/11/10
Lab Sample ID	Objectives	RTJ1210-05	RTJ1210-04	RTJ1210-07	RTJ1210-10
Volatile Organic Compounds by Method 8260 (µg/L)					
Chloroethane	5	< 5.0 U	**15**	**33**	< 20,000 U
1,1-Dichloroethane	5	< 5.0 U	**16**	< 5.0 U	**3,100 DJ**
1,1-Dichloroethene	5	< 5.0 U	**2.0 J**	< 5.0 U	< 20,000 U
cis-1,2-Dichloroethene	5	< 5.0 U	**63**	< 5.0 U	**90,000 D**
1,1,1-Trichloroethane	5	< 5.0 U	**2.2 J**	< 5.0 U	**5,000 DJ**
Trichloroethene	5	< 5.0 U	**0.8 J**	< 5.0 U	**300,000 D**
1,2-Dichloroethane	0.6	< 5.0 U	< 5.0 U	**0.83 J**	< 20,000 U
Vinyl chloride	2	< 5.0 U	**21**	**8.1**	**6,300 DJ**

Notes:
µg/L - micrograms per liter
RAO - Remedial Action Objective
NYCRR - New York Code of Rules and Regulations, Title 6, Part 702.15 (a)(2) and 703.5
*Laboratory re-analyzed sample as requested due to anomolous high trichloroethane concentration. Re-analyzed sample result was 33
Bold font indicates the analyte was detected
Bold outline indicates the screening criteria was exceeded
U - Indicates compound below associated detection level
D - Indicates sample was diluted due to high concentrations of target analyte(s)
J - Indicates an estimated value

Table 4

Summary of Historical and Current Trichloroethene Concentrations
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Well ID	TCE Concentration (µg/L)														
	Apr 2003[1]	Apr 2004[2]	Oct 2004[3,4]	Jan 2005[4]	Apr 2005[4,5]	Jul 2005[4]	Oct 2005[4]	Jan 2006[4]	Apr 2006[4]	Jul 2006[4]	Oct 2006[4]	Jan 2007[4]	Apr 2007[4]	Jul 2007[4]	Oct 2007[4]
MW-2	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<5	<5
MW-3	<1	NA	NA	NA	<10	NA	NA	<25	<25	<25	<5	<5	<20	<5	5
MW-4	249	NA	8,100	20,000	NA	NA	NA	6,500	3,200	2,400	2,600	2,800	4,900	1,100	4,800
MW-6	<1	NA	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.63
MW-8R	NA	NA	35,000	23,000	15,000	9,200	13,000	42,000	14,000	16,000	13,000	1,600	19,000	29,000	2,200
MW-10	<1	NA	NA	NA	<10	NA	NA	<5	<5	<5	<5	<5	<5	<5	<5
MW- 11	NA	NA	NA	NA	<10	NA	NA	2.2	<20	<20	6.8	2.6	0.89	<5	0.71
MW-12	NA	NA	13	<10	<10	<5	<5	<25	<25	<25	NA	<5	<20	<5	<5
MW-13S	NA	10,000	2,100	10,000	760	870	410	NA	NA	17,000	1,300	1,700	4,400	220	570
MW-16S	NA	860,000	200,000	420,000	400,000	480,000	440,000	470,000	260,000	310,000	77,000	44,000	94,000	86,000	130,000

Notes:
NA - Not Analyzed
DPE Remediation System started on May 14, 2004.
NS - Not sampled
[1] - Considered baseline sampling event for MW-2, MW-3, MW-6, and MW-10.
[2] - Considered baseline sampling event for MW-13S and MW-16S.
[3] - Considered baseline sampling event for MW-4, MW-8R, and MW-12.
[4] - DPE system operational.
[5] - Considered baseline sampling event for MW-11 (TCE = 10 µg/L).
[6] - TCE concentration appears to be an anomaly; sample was re-analyzed at 330 µg/L.

Table 4

Summary of Historical and Current Trichloroethene Concentrations
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	TCE Concentration (µg/L)														
Well ID	Jan 2008[4]	Apr 2008[4]	Jul 2008[4]	Oct 2008[4]	Jan 2009[4]	Apr 2009[4]	Jul 2009[4]	Oct 2009[4]	Jan 2010[4]	Apr 2010[4]	Jul 2010[4]	Oct 2010	Jan 2010	TCE Reduction From Previous Sampling	TCE Reduction From Baseline Sampling
MW-2	<5	<5	<5	<5	<5	<5	<5	<5	<25	<25	<25	350[6]		Increased	Increased
MW-3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		Not Detected	Not Detected
MW-4	9,200	5,800	500	6,300	19,000	4,100	2,300	NS	7,400	3,000	NS	7,800		Increase	4%
MW-6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		Not Detected	Not Detected
MW-8R	38,000	12,000	7,400	22,000	8,400	13,000	NS	1,400	NS	2,500	19,000	NS		Not Sampled	Not Sampled
MW-10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		Not Detected	Not Detected
MW- 11	1.1	0.49	1	0.81	0.77	0.95	0.69	0.97	0.77	0.95	1	0.8		20%	92%
MW-12	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5		Not Detected	Not Detected
MW-13S	1,800	580	1,800	5,800	3,400	3,400	NS	400	NS	1,400	400	NS		Not Sampled	Not Sampled
MW-16S	67,000	76,000	58,000	63,000	92,000	130,000	87,000	NS	22,000	220,000	NS	300,000		Increased	1%

Notes:
NA - Not Analyzed
DPE Remediation System started on May 14, 2004.
NS - Not sampled
[1] - Considered baseline sampling event for MW-2, MW-3, MW-6, and MW-10.
[2] - Considered baseline sampling event for MW-13S and MW-16S.
[3] - Considered baseline sampling event for MW-4, MW-8R, and MW-12.
[4] - DPE system operational.
[5] - Considered baseline sampling event for MW-11 (TCE = 10 µg/L).
[6] - TCE concentration appears to be an anomaly; sample was re-analyzed at 330 µg/L.

Table 5

Vapor Monitoring Results - October 2010
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID:	LRP Effluent	AS Effluent
Sample Date:	**10/11/2010**	**10/11/2010**
VOCs by Method TO-14A (µg/m^3)		
Vinyl Chloride	270	35
1,1-Dichloroethane	230	19
Benzene	40.0 U	2.5
1,1,1-Trichloroethane	250	2.3
1,2-Dichloroethene	7,000	200
Chloroethane	83 U	46
Cyclohexane	43 U	3.2
Ethylbenzene	54 U	1.8
m,p-Xylene	140 U	4.8
Xylene (total)	54 U	6.6
Xylene, o-	54 U	1.8
n-Heptane	51 U	1.7
n-Hexane	44 U	3.3
Toluene	70	27
cis-1,2-Dichloroethene	7,000	200
trans-1,2-Dichloroethene	50 U	2.7
Trichloroethene	5,700	38
Total Detected VOCs (µg/m^3)	20,520	596
Vacuum (inches Hg)*	24	0.44
Air Flow Rate (acfm)*	22	292
VOC discharge loading (lb/hr)	0.0017	0.0007
Total VOC discharge loading (lb/hr)	**0.002**	

Notes:

* The LRP flow rate used for the calculation was recorded during the sampling activity (22 scfm, 20 in. Hg) on October 11, 2010.

* The air stripper vacuum measured on that day was 6 inches H_2O and the flow rate was 285 scfm.

1. µg/m^3 = micrograms per cubic meter
2. acfm = actual cubic feet per minute
3. scfm = standard cubic feet per minute
4. lb/hr = pounds per hour
5. LRP Effluent represents the untreated vapor discharge for the Liquid Ring Pump.
6. AS Effluent represents the untreated vapor discharge for the Air Stripper.

Qualifiers:

U - Not detected at or above reporting limit (reporting limit not included in the Total Detected VOCs).

Appendix A

Field Forms

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	10/11/2010	Casing Diameter	2 inches
Field Personnel	D. Zack	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	690.35 1/100 ft
AECOM Project #	**60147012**	Height of Riser (above land surface)	7.00 1/100 ft
Well ID #	MW-2	Land Surface Elevation	683.35 1/100 ft
	Upgradient ____ Downgradient	Screened Interval (below land surface)	5-15 1/100 ft
Weather Conditions	sun and clouds		
Air Temperature	60 ° F		
Total Depth (TWD) Below Top of Casing =	1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	6.91 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	1/100 ft		
1 Casing Volume (OCV) = LWC x 0.163 =	gal		
3 Casing Volumes =	gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Poly Tubing		
Total Volume of Water Removed	4.5 liter		

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	18:00	18:05	18:10	18:15	18:20	18:25		
Depth to Groundwater Below Top of Casing (ft)	8	8.3	8.6	8.88	8.91	9.02		
Drawdown (ft)	-1.09	-0.3	-0.3	-0.28	-0.03	-0.11		
pH (S.U.)	6.81	6.79	6.79	6.8	6.8	6.8		
Sp. Cond. (mS/cm)	0.659	0.669	0.671	0.672	0.673	0.673		
Turbidity (NTUs)	36.5	9.81	5.25	3.33	2.46	2.51		
Dissolved Oxygen (mg/L)	0.11	0.05	0.06	0.05	0.05	0.05		
Water Temperature (°C)	-	-	-	-	-	-		
ORP (mV)	-7.5	-2.4	26.4	33.4	32	32.3		

Physical appearance at start	Color	clear	Physical appearance at sampling	Color	clear
	Odor	no		Odor	no
Sheen/Free Product	no		Sheen/Free Product	no	

COMMENTS/OBSERVATIONS: Start purging at 17:55. Set bottom of tubing at center of well screen. Water temperature probe is not working on YSI. Sample time at 18:00.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	10/11/2010	Casing Diameter	2 inches
Field Personnel	D. Zack	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	687.02 1/100 ft
AECOM Project #	**60147012**	Height of Riser (above land surface)	-1.42 1/100 ft
Well ID #	MW-3	Land Surface Elevation	685.6 1/100 ft
	Upgradient ____ Downgradient	Screened Interval (below land surface)	7.5 - 27.5 1/100 ft
Weather Conditions	sun and clouds		
Air Temperature	60 ° F		
Total Depth (TWD) Below Top of Casing =	28 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	10.7 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	17.3 1/100 ft		
1 Casing Volume (OCV) = LWC x	0.163 = ____ gal		
3 Casing Volumes =	____ gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Poly Tubing		
Total Volume of Water Removed	4.5 liter		

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	15:00	15:05	15:10	15:15	15:20	15:25		
Depth to Groundwater Below Top of Casing (ft)	11.3	11.9	12.5	13.05	13.35	13.57		
Drawdown (ft)	-0.6	-0.6	-0.6	-0.55	-0.3	-0.22		
pH (S.U.)	7.11	7.03	7.02	7.02	7.01	7.01		
Sp. Cond. (mS/cm)	0.864	0.78	0.777	0.776	0.772	0.771		
Turbidity (NTUs)	28.6	4.56	4,15	2.94	2.58	2.44		
Dissolved Oxygen (mg/L)	0.57	0.12	0.08	0.07	0.05	0.04		
Water Temperature (°C)	-	-	-	-	-	-		
ORP (mV)	-65.9	-61.7	-62.2	-63.5	-66.8	-69.6		

Physical appearance at start	Color: clear	Physical appearance at sampling	Color: clear
	Odor: no		Odor: no
Sheen/Free Product	no	Sheen/Free Product	no

COMMENTS/OBSERVATIONS: Start purging at 09:55. Set bottom of tubing at center of well screen. Water temperature probe is not working on YSI. Sample time at 10:30.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	10/11/2010	Casing Diameter	2 inches
Field Personnel	D. Zack	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	686.64 1/100 ft
AECOM Project #	**60147012**	Height of Riser (above land surface)	-0.16 1/100 ft
Well ID #	MW-4	Land Surface Elevation	686.8 1/100 ft
	Upgradient / Downgradient	Screened Interval (below land surface)	15.5 - 25.5 1/100 ft
Weather Conditions	sun and clouds		
Air Temperature	60 ° F		
Total Depth (TWD) Below Top of Casing =	26 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	16.35 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	1/100 ft		
1 Casing Volume (OCV) = LWC x 0.163 =	gal		
3 Casing Volumes =	gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Poly Tubing		
Total Volume of Water Removed	5.25 liter		

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	DUP

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150	150	
Time (Military)	16:00	16:05	16:10	16:15	16:20	16:25	16:30	
Depth to Groundwater Below Top of Casing (ft)	16.95	17.2	17.42	17.61	17.77	17.89	18.01	
Drawdown (ft)	-0.6	-0.25	-0.22	-0.19	-0.16	-0.12	-0.12	
pH (S.U.)	6.47	6.38	6.34	6.34	6.34	6.34	6.34	
Sp. Cond. (mS/cm)	8.549	9.412	9.418	9.114	8.445	8.054	7.584	
Turbidity (NTUs)	36.4	23.1	26.2	23	22.4	20.1	18.9	
Dissolved Oxygen (mg/L)	0.29	0.15	0.1	0.1	0.09	0.09	0.09	
Water Temperature (°C)	-	-	-	-	-	-	-	
ORP (mV)	137.6	155.4	163.9	163	151.7	150.7	149.4	

Physical appearance at start	Color: yellow tint	Physical appearance at sampling	Color: yellow tint
	Odor: no		Odor: no
Sheen/Free Product: no		Sheen/Free Product: no	

COMMENTS/OBSERVATIONS: Start purging at 15:55. Set bottom of tubing at center of well screen. Water temperature probe is not working on YSI. Sample time at 16:30.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	10/11/2010	Casing Diameter	2 inches
Field Personnel	D. Zack	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	686.53 1/100 ft
AECOM Project #	**60147012**	Height of Riser (above land surface)	-0.27 1/100 ft
Well ID #	MW-6	Land Surface Elevation	686.8 1/100 ft
	Upgradient / Downgradient	Screened Interval (below land surface)	14.5 - 24.5 1/100 ft
Weather Conditions	sun and clouds		
Air Temperature	60		
Total Depth (TWD) Below Top of Casing =	25 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	10.64 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	1/100 ft		
1 Casing Volume (OCV) = LWC x 0.163 =	gal		
3 Casing Volumes =	gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Poly Tubing		
Total Volume of Water Removed	4.5 liter		

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	13:00	13:05	13:10	13:15	13:20	13:25		
Depth to Groundwater Below Top of Casing (ft)	11.5	11.61	11.9	12.03	12.14	12.25		
Drawdown (ft)	-0.86	-0.11	-0.29	-0.13	-0.11	-0.11		
pH (S.U.)	7.42	7.37	7.38	7.37	7.36	7.36		
Sp. Cond. (mS/cm)	0.886	0.821	0.809	0.798	0.789	0.783		
Turbidity (NTUs)	48.2	39.5	35.7	32.7	21.9	18.1		
Dissolved Oxygen (mg/L)	2.81	1.83	1.46	1.27	1.1	0.86		
Water Temperature (°C)	16.16	16.16	16.05	15.94	15.98	16.01		
ORP (mV)	-34.6	-51.7	-63.7	-61.9	-66.8	-71.2		

Physical appearance at start	Color: clear	Physical appearance at sampling	Color: no
	Odor: no		Odor: no
Sheen/Free Product: no		Sheen/Free Product: no	

COMMENTS/OBSERVATIONS: Start purging at 10:55. Set tubing at center of well screen. Sample time at 11:30.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	10/11/10	Casing Diameter	2 inches
Field Personnel	D. Zack	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	687.41 1/100 ft
AECOM Project #	**60147012**	Height of Riser (above land surface)	-0.19 1/100 ft
Well ID #	MW-10	Land Surface Elevation	687.6 1/100 ft
____ Upgradient ____ Downgradient		Screened Interval (below land surface)	3.5 - 23.5 1/100 ft
Weather Conditions	sun and clouds		
Air Temperature	60 ° F		
Total Depth (TWD) Below Top of Casing =	24 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	10.2 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	1/100 ft		
1 Casing Volume (OCV) = LWC x 0.163 =	gal		
3 Casing Volumes =	gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Poly Tubing		
Total Volume of Water Removed	4.5 liter		

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	12:00	12:05	12:10	12:15	12:20	12:25		
Depth to Groundwater Below Top of Casing (ft)	10.7	10.9	11.1	11.3	11.41	11.5		
Drawdown (ft)	-0.5	0.2	0.2	0.2	0.11	0.09		
pH (S.U.)	6.76	6.68	6.65	6.63	6.62	6.62		
Sp. Cond. (mS/cm)	1.774	1.689	1.679	1.673	1.681	1.686		
Turbidity (NTUs)	29.3	19.01	11.56	11.44	10.12	8.98		
Dissolved Oxygen (mg/L)	1.82	0.99	0.71	0.65	0.63	0.59		
Water Temperature (°C)	16.03	16.24	16.41	16.55	16.68	16.77		
ORP (mV)	-5.5	1.6	5.9	9.4	10.7	12.1		

Physical appearance at start	Color clear	Physical appearance at sampling	Color clear
	Odor no		Odor no
Sheen/Free Product	no	Sheen/Free Product	no

COMMENTS/OBSERVATIONS: Start purging at 11:55. Set bottom of tubing at center of well screen. Sample time at 12:30.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/11/10
Field Personnel: Dino Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Project #: **60147012**
Well ID #: MW-11
___ Upgradient ___ Downgradient
Weather Conditions: cloudy
Air Temperature: 60
Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 14.75 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 13.75 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.2 gal
3 Casing Volumes = 6.7 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 4.5 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 688.65 1/100 ft
Height of Riser (above land surface): -0.25 1/100 ft
Land Surface Elevation: 688.9 1/100 ft
Screened Interval (below land surface): 8.5 - 28.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150		
Time (Military)	11:00	11:05	11:10	11:15	11:20	11:25		
Depth to Groundwater Below Top of Casing (ft)	15.04	15.25	15.35	15.49	15.52	15.58		
Drawdown (ft)	-0.29	-0.21	-0.1	-0.14	-0.03	-0.06		
pH (S.U.)	6.55	6.4	6.39	6.39	6.4	6.41		
Sp. Cond. (mS/cm)	2.944	2.923	2.921	2.901	2.864	2.861		
Turbidity (NTUs)	2.35	2.11	1.87	1.2	0.98	0.69		
Dissolved Oxygen (mg/L)	1.29	0.78	0.57	0.55	0.51	0.46		
Water Temperature (°C)	14.31	14.11	14.1	14.1	14.08	14.05		
ORP (mV)	-22.8	-36.9	-40.6	-45.6	-47.1	-49.8		

Physical appearance at start: Color clear; Odor no
Sheen/Free Product: no

Physical appearance at sampling: Color clear; Odor no
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging at 10:55. Set tubing at center of well screen. Sample time at 11:30.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	10/11/10	Casing Diameter	4 inches
Field Personnel	D. Zack	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	686.15 1/100 ft
AECOM Project #	**60147012**	Height of Riser (above land surface)	-0.35 1/100 ft
Well ID #	MW-12	Land Surface Elevation	686.5 1/100 ft
	Upgradient / Downgradient	Screened Interval (below land surface)	7 - 27 1/100 ft
Weather Conditions	sun and clouds		
Air Temperature	60 ° F		
Total Depth (TWD) Below Top of Casing =	27.5 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	7.95 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	1/100 ft		
1 Casing Volume (OCV) = LWC x 0.163 =	gal		
3 Casing Volumes =	gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Teflon Tubing		
Total Volume of Water Removed	4.5 liter		

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

VOLUME PURGED (ml)	150	150	150	150	150	150		
TIME (Military)	14:00	14:05	14:10	14:15	14:20	14:25		
Depth to Groundwater Below Top of Casing (ft)	8.45	8.79	8.95	9.15	9.34	9.51		
Drawdown (ft)	-0.5	-0.34	-0.16	-0.2	-0.19	-0.17		
pH (S.U.)	6.98	6.72	6.67	6.64	6.63	6.68		
Sp. Cond. (mS/cm)	1.146	1.134	1.134	1.136	1.135	1.135		
Turbidity (NTUs)	40.1	17.4	13.7	8.98	7.37	9.82		
Dissolved Oxygen (mg/L)	3.46	0.78	0.61	0.57	0.45	0.41		
Water Temperature (°C)	16.08	15.01	15	15.06	15.07	15.09		
ORP (mV)	-66	-85.2	-93.5	-96.7	-98.4	-97.8		

Physical appearance at start	Color: clear	Physical appearance at sampling	Color: clear
	Odor: no		Odor: no
Sheen/Free Product: no		Sheen/Free Product: no	

COMMENTS/OBSERVATIONS: Start puring at 13:55. Set tubing at center of well screen. Sample time at 14:30.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/11/2010
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Project #: **60147012**
Well ID #: MW-16S
Upgradient ____ Downgradient ____
Weather Conditions: cloudy
Air Temperature: 60 ° F
Total Depth (TWD) Below Top of Casing = 24 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 18.7 1/100 ft
Length of Water Column (LWC) = TWD - DGW = ____ 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = ____ gal
3 Casing Volumes = ____ gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3.75 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 690.37 1/100 ft
Height of Riser (above land surface): 3.97 1/100 ft
Land Surface Elevation: 686.4 1/100 ft
Screened Interval (below land surface): 12 - 18 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150			
Time (Military)	17:00	17:05	17:10	17:15	17:20			
Depth to Groundwater Below Top of Casing (ft)	-	-	-	-	-			
Drawdown (ft)	-	-	-	-	-			
pH (S.U.)	6.27	6.23	6.23	6.25	6.25			
Sp. Cond. (mS/cm)	6.983	7.023	7.056	6.13	6.057			
Turbidity (NTUs)	90.1	83.4	39.8	33.5	31.6			
Dissolved Oxygen (mg/L)	0.28	0.16	0.14	0.09	0.08			
Water Temperature (°C)	-	-	-	-	-			
ORP (mV)	189.1	203.1	204.6	207.9	208.8			

Physical appearance at start — Color: yellow tint; Odor: no; Sheen/Free Product: no

Physical appearance at sampling — Color: yellow tint; Odor: no; Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Start purging at 16:55. Set bottom of tubing at center of well screen. Water temperature probe is not working on YSI. Sample time at 17:30.

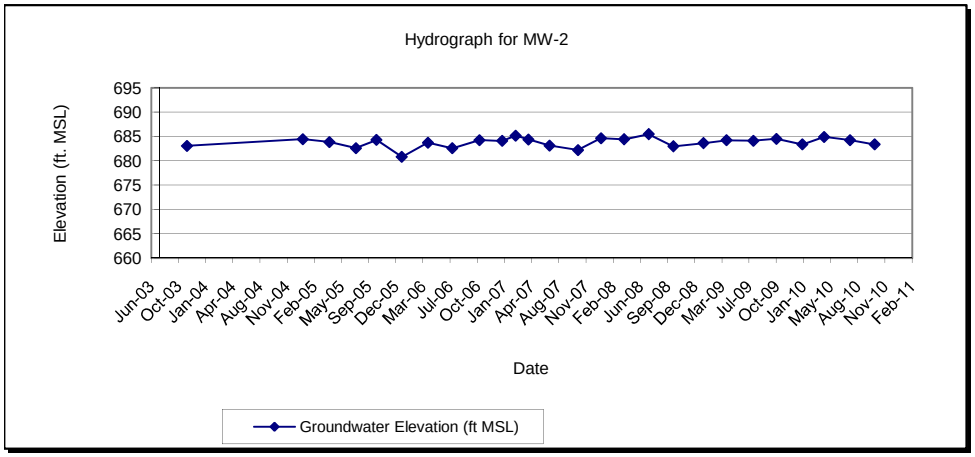
Appendix B

Summary of Groundwater Elevations

MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	7.29	683.06
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	5.92	684.43
4/14/2005	6.50	683.85
7/20/2005	7.77	682.58
10/4/2005	6.08	684.27
1/5/2006	9.56	680.79
4/11/2006	6.65	683.70
7/10/2006	7.79	682.56
10/18/2006	6.11	684.24
1/9/2007	6.27	684.08
2/28/2007	5.20	685.15
4/16/2007	5.99	684.36
7/2/2007	7.22	683.13
10/15/2007	8.15	682.20
1/8/2008	5.73	684.62
4/2/2008	5.95	684.40
7/1/2008	4.90	685.45
9/30/2008	7.40	682.95
1/19/2009	6.75	683.60
4/14/2009	6.15	684.20
7/21/2009	6.25	684.10
10/14/2009	5.85	684.50
1/18/2010	7.00	683.35
4/8/2010	5.45	684.90
7/12/2010	6.10	684.25
10/11/2010	7.00	683.35

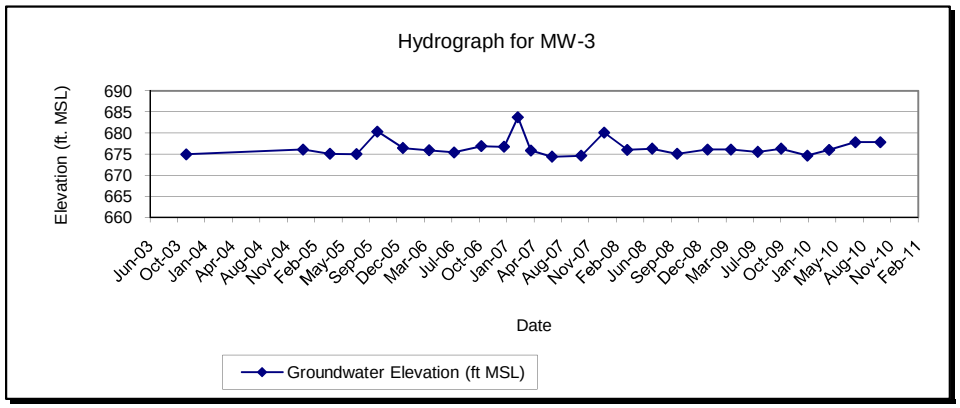
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 690.35
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 690.35



MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	12.76	674.96
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	11.65	676.07
4/14/2005	12.64	675.08
7/20/2005	12.73	674.99
10/4/2005	7.38	680.34
1/5/2006	11.31	676.41
4/11/2006	11.84	675.88
7/10/2006	12.31	675.41
10/18/2006	10.82	676.9
1/9/2007	10.99	676.73
2/28/2007	3.99	683.73
4/16/2007	11.87	675.85
7/2/2007	13.35	674.37
10/17/2007	13.1	674.62
1/8/2008	7.61	680.11
4/2/2008	11.71	676.01
7/1/2008	10.75	676.27
9/30/2008	11.95	675.07
1/19/2009	10.94	676.08
4/14/2009	10.94	676.08
7/21/2009	11.51	675.51
10/14/2009	10.75	676.27
1/18/2010	12.38	674.64
4/8/2010	11.02	676.00
7/12/2010	9.18	677.84
10/11/2010	10.9	677.84

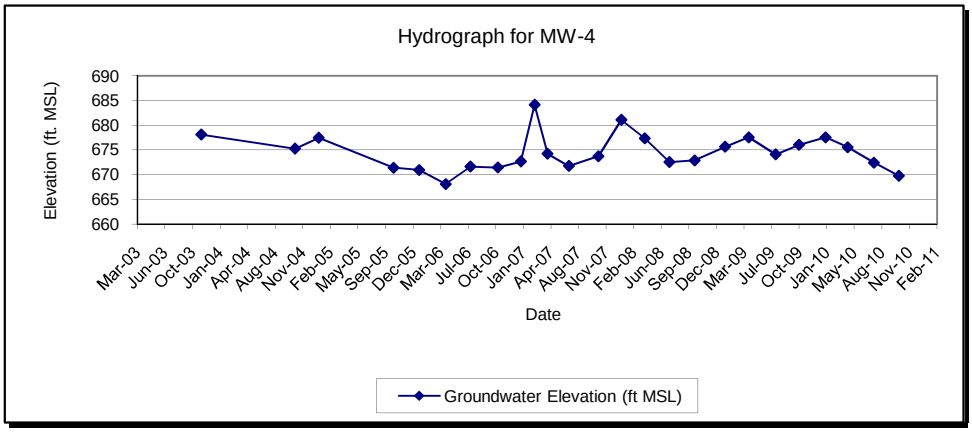
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 687.02



MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	8.54	678.10
4/8/2004	NM	NA
10/12/2004	11.40	675.24
1/6/2005	9.20	677.44
4/14/2005	NM	NA
7/20/2005	NM	NA
10/4/2005	15.24	671.40
1/5/2006	15.71	670.93
4/11/2006	18.56	668.08
7/10/2006	15.02	671.62
10/18/2006	15.21	671.43
1/9/2007	14.00	672.64
2/28/2007	2.54	684.10
4/16/2007	12.45	674.19
7/2/2007	14.89	671.75
10/17/2007	12.91	673.73
1/8/2008	5.59	681.05
4/2/2008	9.31	677.33
7/1/2008	13.91	672.51
9/30/2008	13.55	672.87
1/19/2009	10.78	675.64
4/14/2009	8.90	677.52
7/21/2009	12.35	674.07
10/14/2009	10.40	676.02
1/18/2010	8.90	677.52
4/8/2010	10.90	675.52
7/12/2010	14.00	672.42
10/11/2010	16.69	669.73

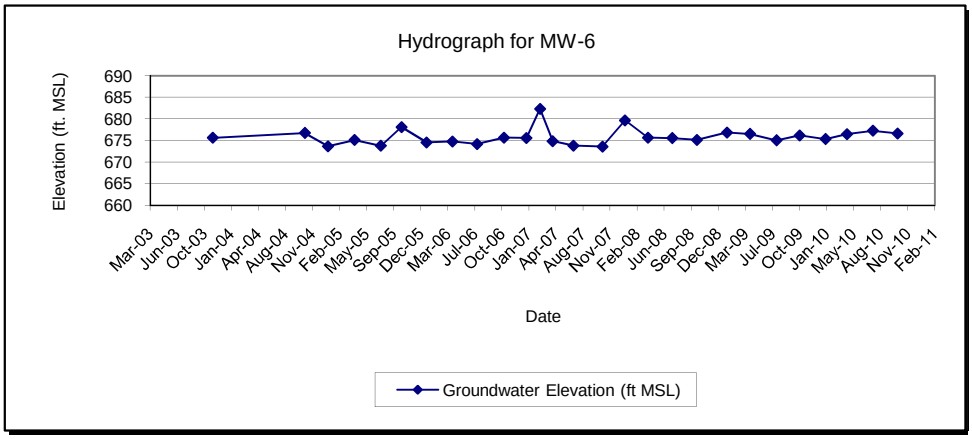
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.42



MONITORING WELL MW-6
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	11.06	675.62
4/8/2004	NM	NA
10/12/2004	9.95	676.73
1/6/2005	13.00	673.68
4/14/2005	11.57	675.11
7/20/2005	12.88	673.80
10/4/2005	8.55	678.13
1/5/2006	12.11	674.57
4/11/2006	11.91	674.77
7/10/2006	12.5	674.18
10/18/2006	11.02	675.66
1/9/2007	11.1	675.58
2/28/2007	4.35	682.33
4/16/2007	11.81	674.87
7/2/2007	12.85	673.83
10/17/2007	13.09	673.59
1/8/2008	7.02	679.66
4/2/2008	11.00	675.68
7/1/2008	10.98	675.55
9/30/2008	11.39	675.14
1/19/2009	9.68	676.85
4/14/2009	10.02	676.51
7/21/2009	11.50	675.03
10/14/2009	10.35	676.18
1/18/2010	11.20	675.33
4/8/2010	10.05	676.48
7/12/2010	9.25	677.28
10/11/2010	9.91	676.62

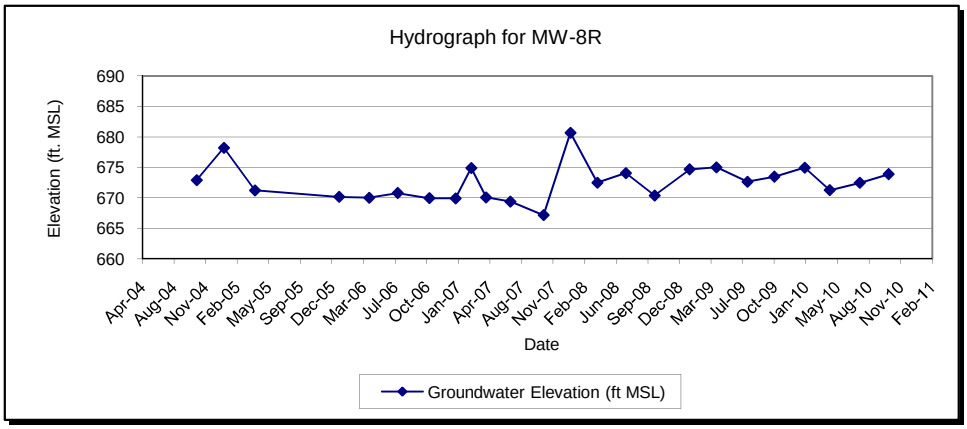
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.68
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.53



MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	12.75	672.92
1/6/2005	7.45	678.22
4/14/2005	14.45	671.22
7/20/2005	NM	NA
10/4/2005	NM	NA
1/6/2006	15.51	670.16
4/11/2006	15.65	670.02
7/10/2006	14.9	670.77
10/18/2006	15.72	669.95
1/9/2007	15.76	669.91
2/28/2007	10.78	674.89
4/16/2007	15.60	670.07
7/2/2007	16.29	669.38
10/15/2007	18.50	667.17
1/8/2008	4.99	680.68
4/2/2008	13.19	672.48
7/1/2008	12.15	674.06
9/30/2008	15.83	670.38
1/19/2009	11.55	674.66
4/14/2009	11.20	675.01
7/21/2009	13.57	672.64
10/14/2009	12.76	673.45
1/18/2010	11.26	674.95
4/8/2010	14.95	671.26
7/12/2010	13.74	672.47
10/11/2010	12.34	673.87

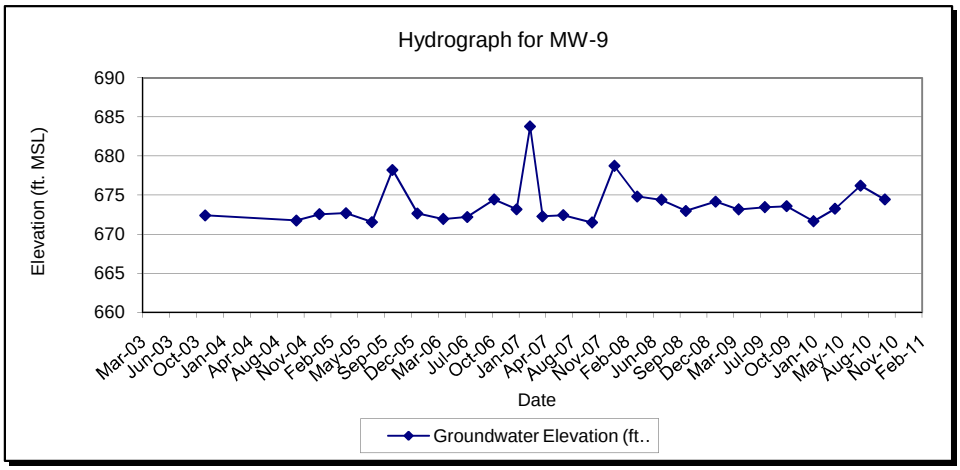
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.67
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.21



MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	13.03	672.4
4/8/2004	NM	NA
10/12/2004	13.68	671.75
1/6/2005	12.89	672.54
4/14/2005	12.74	672.69
7/20/2005	13.88	671.55
10/4/2005	7.22	678.21
1/5/2006	12.79	672.64
4/11/2006	13.50	671.93
7/10/2006	13.24	672.19
10/18/2006	11.00	674.43
1/9/2007	12.24	673.19
2/28/2007	1.66	683.77
4/16/2007	13.15	672.28
7/2/2007	13.00	672.43
10/17/2007	13.95	671.48
1/8/2008	6.70	678.73
4/2/2008	10.61	674.82
7/1/2008	14.25	674.39
9/30/2008	15.67	672.97
1/19/2009	14.48	674.16
4/14/2009	15.48	673.16
7/21/2009	15.20	673.44
10/10/2009	15.06	673.58
1/18/2010	17.00	671.64
4/8/2010	15.40	673.24
7/12/2010	12.42	676.22
10/11/2010	14.21	674.43

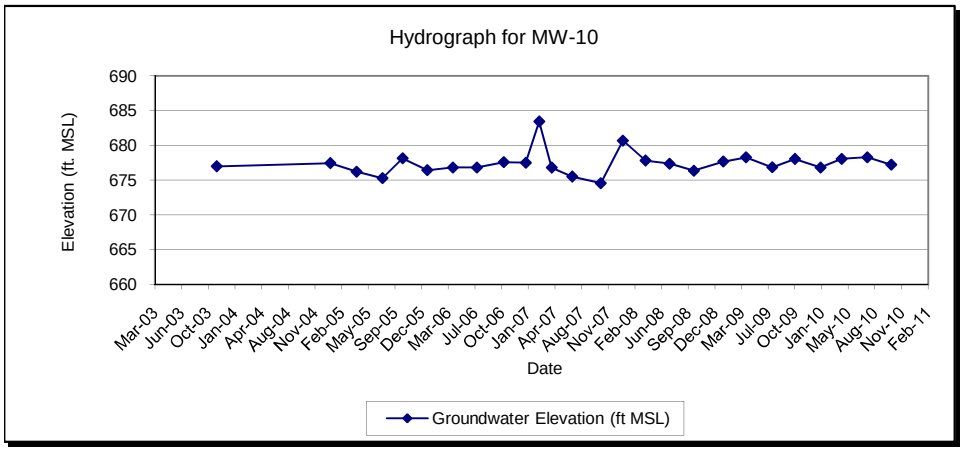
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 688.64



MONITORING WELL MW-10
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	10.75	676.97
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	10.28	677.44
4/14/2005	11.50	676.22
7/20/2005	12.43	675.29
10/4/2005	9.58	678.14
1/5/2006	11.28	676.44
4/11/2006	10.91	676.81
7/10/2006	10.90	676.82
10/18/2006	10.13	677.59
1/9/2007	10.21	677.51
2/28/2007	4.30	683.42
4/16/2007	10.93	676.79
7/2/2007	12.21	675.51
10/17/2007	13.15	674.57
1/8/2008	7.03	680.69
4/2/2008	9.91	677.81
7/1/2008	10.04	677.37
9/30/2008	11.05	676.36
1/19/2009	9.74	677.67
4/14/2009	9.14	678.27
7/21/2009	10.56	676.85
10/14/2009	9.37	678.04
1/18/2010	10.59	676.82
4/8/2010	9.35	678.06
7/12/2010	9.12	678.29
10/11/2010	10.20	677.21

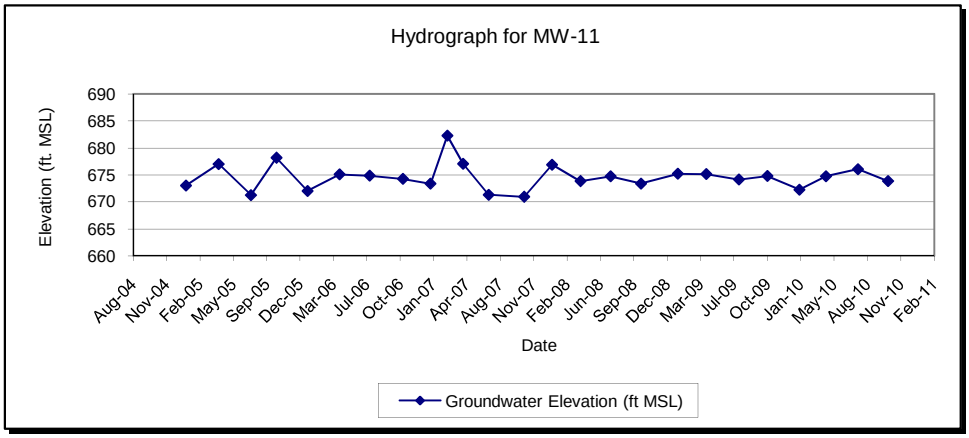
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 687.41



MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	15.59	673.02
4/14/2005	11.59	677.02
7/20/2005	17.34	671.27
10/4/2005	10.45	678.16
1/5/2006	16.58	672.03
4/11/2006	13.52	675.09
7/10/2006	13.75	674.86
10/18/2006	14.35	674.26
1/9/2007	15.26	673.35
2/28/2007	6.34	682.27
4/16/2007	11.55	677.06
7/2/2007	17.30	671.31
10/16/2007	17.69	670.92
1/8/2008	11.73	676.88
4/2/2008	14.78	673.83
7/1/2008	13.91	674.74
9/30/2008	15.25	673.40
1/19/2009	13.45	675.20
4/14/2009	13.50	675.15
7/21/2009	14.51	674.14
10/14/2009	13.85	674.8
1/18/2010	16.38	672.27
4/8/2010	13.90	674.75
7/12/2010	12.60	676.05
10/11/2010	14.80	673.85

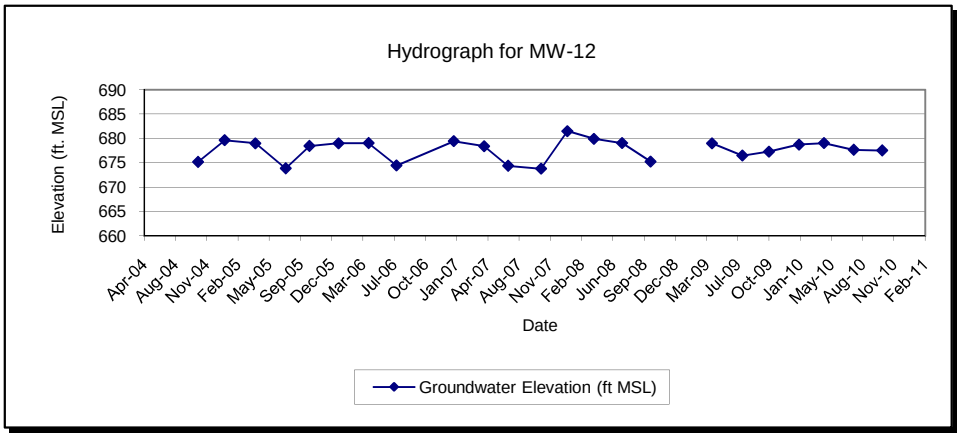
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 688.61
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 688.65



MONITORING WELL MW-12
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	
10/12/2004	10.64	675.15
1/6/2005	6.18	679.61
4/14/2005	6.80	678.99
7/20/2005	11.95	673.84
10/4/2005	7.36	678.43
1/5/2006	6.80	678.99
4/11/2006	6.76	679.03
7/10/2006	11.35	674.44
10/18/2006	NM*	NA
1/9/2007	6.35	679.44
2/28/2007	NM*	NA
4/16/2007	7.38	678.41
7/2/2007	11.42	674.37
10/15/2007	12.00	673.79
1/8/2008	4.31	681.48
4/2/2008	5.86	679.93
7/1/2008	7.10	679.04
9/30/2008	10.92	675.22
1/19/2009	NM*	
4/14/2009	7.14	679
7/21/2009	9.66	676.48
10/14/2009	8.83	677.31
1/18/2010	7.40	678.74
4/8/2010	7.10	679.04
7/12/2010	8.48	677.66
10/11/2010	8.64	677.51

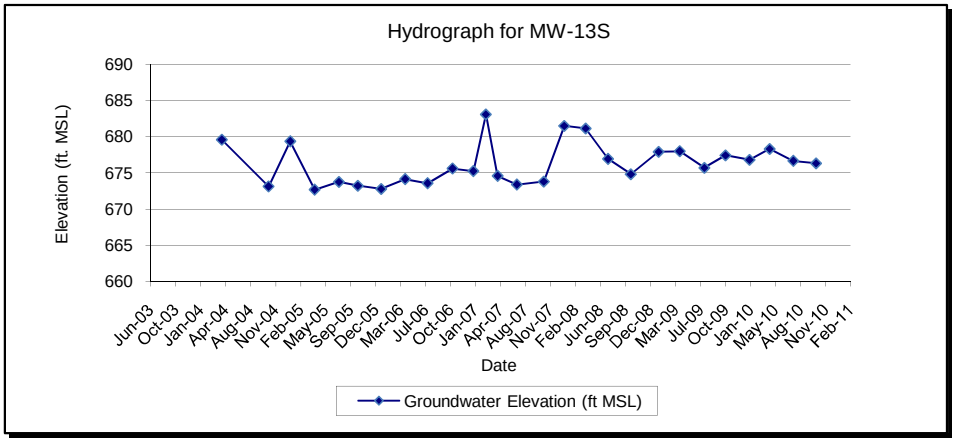
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.79
NM* - Well could not be located due to snow cover
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.14



MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	7.01	679.56
10/12/2004	13.47	673.10
1/6/2005	7.24	679.33
4/14/2005	13.91	672.66
7/20/2005	12.81	673.76
10/4/2005	13.35	673.22
1/5/2006	13.79	672.78
4/11/2006	12.45	674.12
7/10/2006	13.02	673.55
10/18/2006	10.99	675.58
1/9/2007	11.35	675.22
2/28/2007	3.49	683.08
4/16/2007	12.01	674.56
7/2/2007	13.20	673.37
10/18/2007	12.77	673.80
1/8/2008	5.08	681.49
4/2/2008	5.45	681.12
7/1/2008	9.70	676.90
9/30/2008	11.80	674.80
1/19/2009	8.70	677.90
4/14/2009	8.64	677.96
7/21/2009	10.91	675.69
10/14/2009	9.18	677.42
1/18/2010	9.80	676.80
4/8/2010	8.30	678.30
7/12/2010	9.96	676.64
10/11/2010	10.29	676.31

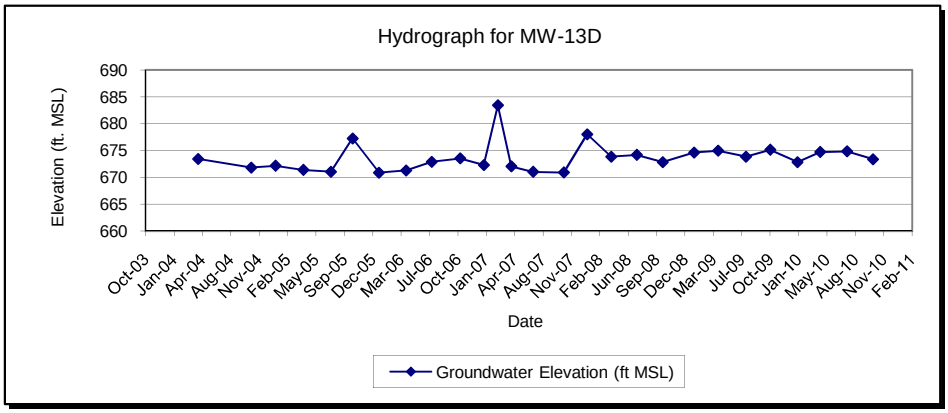
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.57
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.60



MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.28	673.43
10/12/2004	14.87	671.84
1/6/2005	14.55	672.16
4/14/2005	15.32	671.39
7/20/2005	15.65	671.06
10/4/2005	9.44	677.27
1/5/2006	15.83	670.88
4/11/2006	15.41	671.30
7/10/2006	13.79	672.92
10/18/2006	13.17	673.54
1/9/2007	14.41	672.30
2/28/2007	3.28	683.43
4/16/2007	14.66	672.05
7/2/2007	15.68	671.03
10/18/2007	15.80	670.91
1/8/2008	8.69	678.02
4/2/2008	12.86	673.85
7/1/2008	12.55	674.18
9/30/2008	13.89	672.84
1/19/2009	12.10	674.63
4/14/2009	11.78	674.95
7/21/2009	12.86	673.87
10/14/2009	11.59	675.14
1/18/2010	13.88	672.85
4/8/2010	12.00	674.73
7/12/2010	11.90	674.83
10/11/2010	13.34	673.39

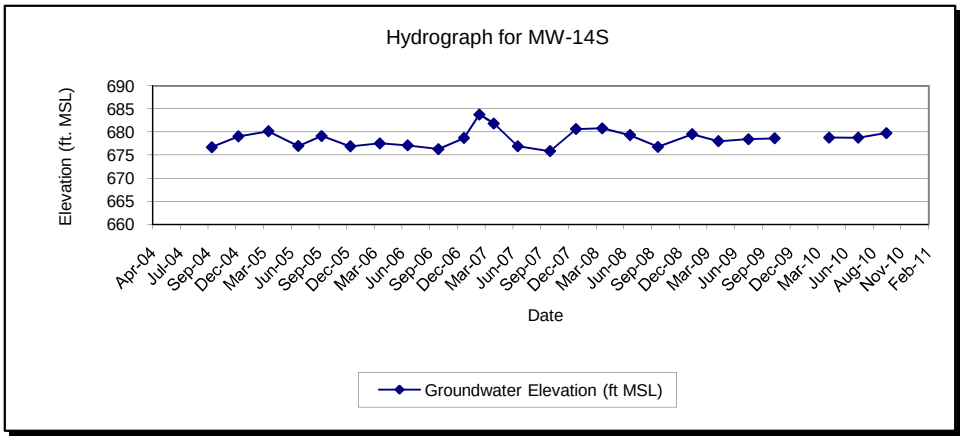
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.71
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.73



MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.14	680.17
10/12/2004	8.57	676.74
1/6/2005	6.27	679.04
4/14/2005	5.16	680.15
7/20/2005	8.32	676.99
10/4/2005	6.14	679.17
1/5/2006	8.41	676.90
4/11/2006	7.75	677.56
7/10/2006	8.18	677.13
10/18/2006	9.00	676.31
1/9/2007	6.61	678.70
2/28/2007	1.50	683.81
4/16/2007	3.45	681.86
7/2/2007	8.36	676.95
10/15/2007	9.45	675.86
1/8/2008	4.65	680.66
4/2/2008	4.47	680.84
7/1/2008	6.37	679.33
9/30/2008	8.90	676.80
1/19/2009	6.15	679.55
4/14/2009	7.70	678.00
7/21/2009	7.25	678.45
10/14/2009	7.05	678.65
1/18/2010	NM	
4/8/2010	6.50	678.81
7/12/2010	6.54	678.77
10/11/2010	5.90	679.80

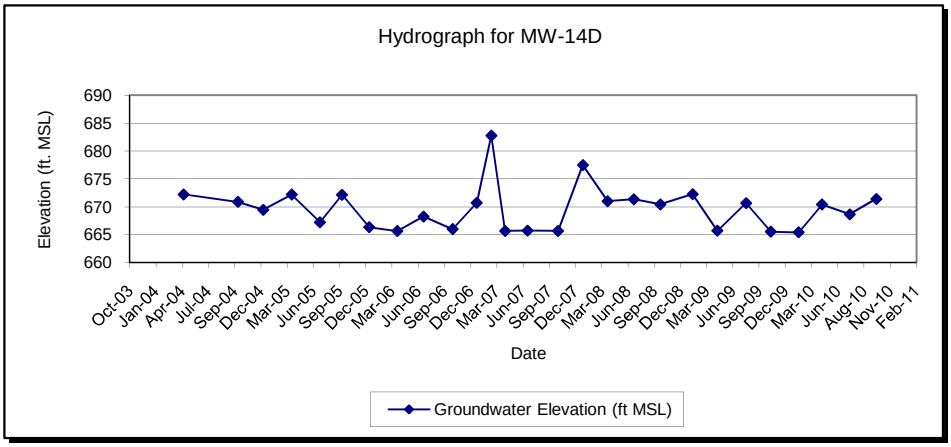
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.31
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 685.70



MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.21	672.22
10/12/2004	14.55	670.88
1/6/2005	15.97	669.46
4/14/2005	13.25	672.18
7/20/2005	18.20	667.23
10/4/2005	13.26	672.17
1/5/2006	19.08	666.35
4/11/2006	19.79	665.64
7/10/2006	17.16	668.27
10/18/2006	19.44	665.99
1/9/2007	14.71	670.72
2/28/2007	2.67	682.76
4/16/2007	19.74	665.69
7/2/2007	19.68	665.75
10/15/2007	19.76	665.67
1/8/2008	7.92	677.51
4/2/2008	14.41	671.02
7/1/2008	14.45	671.37
9/30/2008	15.39	670.43
1/19/2009	13.55	672.27
4/14/2009	20.10	665.72
7/21/2009	15.15	670.67
10/14/2009	20.27	665.55
1/18/2010	20.40	665.42
4/8/2010	15.40	670.42
7/12/2010	17.15	668.67
10/11/2010	14.40	671.42

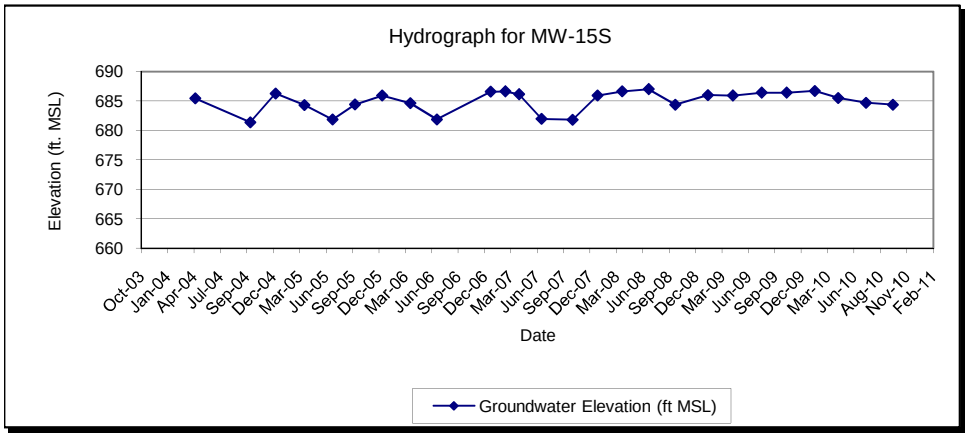
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 685.82



MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	1.20	685.44
10/12/2004	5.26	681.38
1/6/2005	0.35	686.29
4/14/2005	2.31	684.33
7/20/2005	4.78	681.86
10/4/2005	2.22	684.42
1/5/2006	0.70	685.94
4/11/2006	2.00	684.64
7/10/2006	4.75	681.89
1/9/2007	0.05	686.59
2/28/2007	0.00	686.64
4/16/2007	0.50	686.14
7/2/2007	4.67	681.97
10/16/2007	4.80	681.84
1/8/2008	0.70	685.94
4/2/2008	0.00	686.64
7/1/2008	0.50	687.02
9/30/2008	3.14	684.38
1/19/2009	1.50	686.02
4/14/2009	1.60	685.92
7/21/2009	1.11	686.41
10/14/2009	1.11	686.41
1/18/2010	0.80	686.72
4/8/2010	2.00	685.52
7/12/2010	2.80	684.72
10/11/2010	3.14	684.38

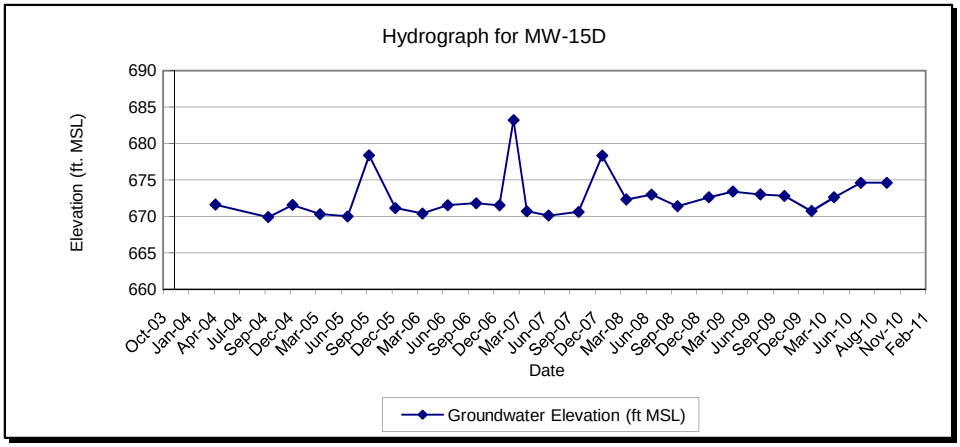
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 687.52'



MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	15.70	671.61
10/12/2004	17.42	669.89
1/6/2005	15.74	671.57
4/14/2005	16.99	670.32
7/20/2005	17.31	670.00
10/4/2005	8.94	678.37
1/5/2006	16.16	671.15
4/11/2006	16.90	670.41
7/10/2006	15.78	671.53
10/18/2006	15.50	671.81
1/9/2007	15.80	671.51
2/28/2007	4.10	683.21
4/16/2007	16.61	670.70
7/2/2007	17.20	670.11
10/16/2007	16.70	670.61
1/8/2008	8.99	678.32
4/2/2008	15.01	672.30
7/1/2008	14.64	672.98
9/30/2008	16.24	671.38
1/19/2009	15.00	672.62
4/14/2009	14.21	673.41
7/21/2009	14.61	673.01
10/14/2009	14.81	672.81
1/18/2010	16.89	670.73
4/8/2010	15.00	672.62
7/12/2010	13.00	674.62
10/11/2010	13.00	674.62

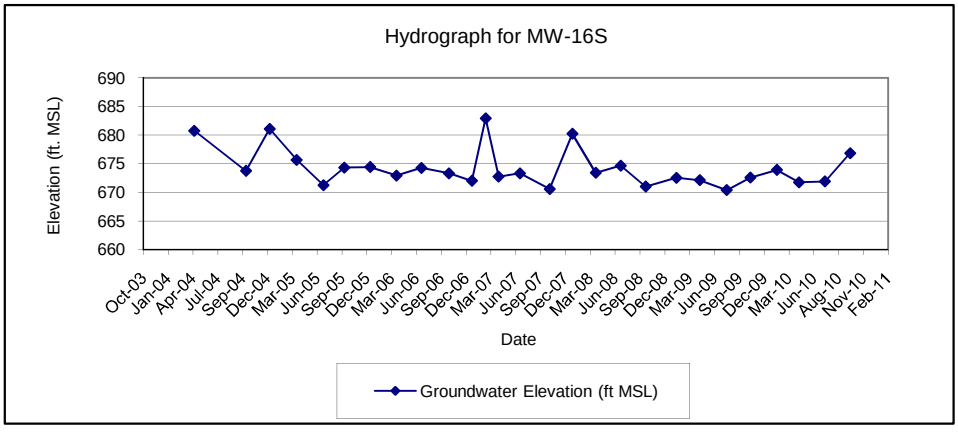
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.31'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 687.62'



MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.09	680.75
10/12/2004	12.09	673.75
1/6/2005	4.75	681.09
4/14/2005	10.15	675.69
7/20/2005	14.56	671.28
10/4/2005	11.50	674.34
1/5/2006	11.41	674.43
4/11/2006	12.90	672.94
7/10/2006	11.54	674.30
10/18/2006	12.50	673.34
1/9/2007	13.82	672.02
2/28/2007	2.90	682.94
4/16/2007	13.07	672.77
7/2/2007	12.50	673.34
10/18/2007	15.23	670.61
1/8/2008	5.60	680.24
4/2/2008	12.40	673.44
7/1/2008	15.70	674.67
9/30/2008	19.34	671.03
1/19/2009	17.80	672.57
4/14/2009	18.22	672.15
7/21/2009	19.95	670.42
10/14/2009	17.77	672.60
1/18/2010	16.45	673.92
4/8/2010	18.60	671.77
7/12/2010	18.45	671.92
10/11/2010	13.51	676.86

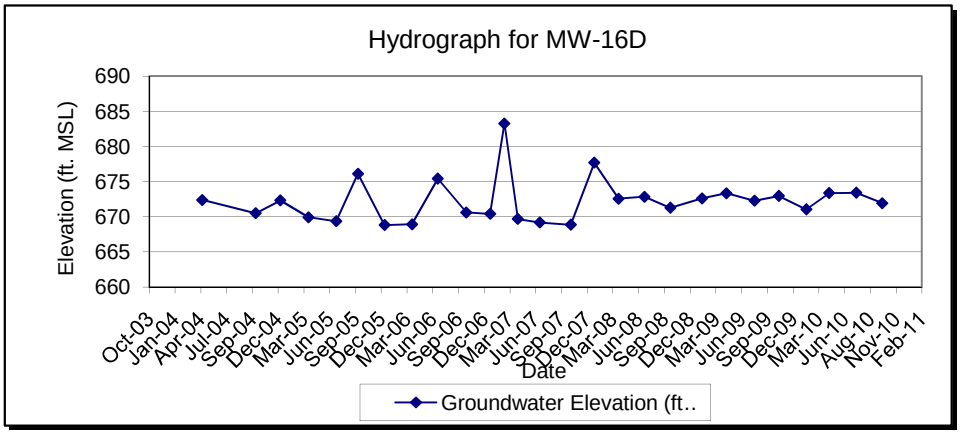
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.84'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 690.37'



MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.62	672.39
10/12/2004	15.51	670.50
1/6/2005	13.70	672.31
4/14/2005	16.09	669.92
7/20/2005	16.65	669.36
10/4/2005	9.89	676.12
1/5/2006	17.21	668.80
4/11/2006	17.1	668.91
7/10/2006	10.61	675.4
10/18/2006	15.41	670.6
1/9/2007	15.6	670.41
2/28/2007	2.74	683.27
4/16/2007	16.35	669.66
7/2/2007	16.85	669.16
10/18/2007	17.17	668.84
1/8/2008	8.32	677.69
4/2/2008	13.44	672.57
7/1/2008	17.72	672.83
9/30/2008	19.29	671.26
1/19/2009	17.95	672.60
4/14/2009	17.21	673.34
7/21/2009	18.28	672.27
10/14/2009	17.60	672.95
1/18/2010	19.51	671.04
4/8/2010	17.19	673.36
7/12/2010	17.15	673.40
10/11/2010	18.63	671.92

NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.01'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 690.55'



Appendix C

Analytical Laboratory Data – Fourth Quarter 2010 (Full Data Reports Contained on Attached CD ROM)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

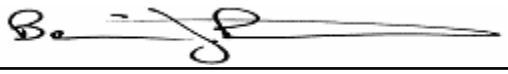
Work Order: RTJ1210

Project Description
Scott Aviation site

For:

Dino Zack

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226



Brian Fischer

Project Manager
Brian.Fischer@testamericainc.com

Thursday, October 21, 2010

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

TestAmerica Buffalo
Current Certifications

As of 08/16/2010

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	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA,RCRA	NY200003
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
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 accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

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.

A pertinent document is appended to this report, 1 page, is included and is 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.

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

DATA QUALIFIERS AND DEFINITIONS

D08	Dilution required due to high concentration of target analyte(s)
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-01 (RINSE BLANK - Water)					**Sampled: 10/11/10 08:00**		**Recvd: 10/12/10 07:50**			
Volatile Organic Compounds by EPA 8260B										
Methylene Chloride	**0.53**	J	5.0	0.44	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Sample ID: RTJ1210-03 (DUP - Water)					**Sampled: 10/11/10 07:30**		**Recvd: 10/12/10 07:50**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	**760**	D08	500	38	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,1-Dichloroethene	**190**	D08,J	500	29	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Carbon disulfide	**80**	D08,J	500	19	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
cis-1,2-Dichloroethene	**41000**	D08,E	500	81	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
trans-1,2-Dichloroethene	**370**	D08,J	500	90	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Trichloroethene	**7500**	D08	500	46	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Vinyl chloride	**2800**	D08	500	90	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Sample ID: RTJ1210-03RE1 (DUP - Water)					**Sampled: 10/11/10 07:30**		**Recvd: 10/12/10 07:50**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	**740**	D08,J	4000	310	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**41000**	D08	4000	650	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Trichloroethene	**7400**	D08	4000	370	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Vinyl chloride	**2600**	D08,J	4000	720	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Sample ID: RTJ1210-04 (MW-11 - Water)					**Sampled: 10/11/10 11:30**		**Recvd: 10/12/10 07:50**			
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**2.2**	J	5.0	0.82	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,1-Dichloroethane	**16**		5.0	0.38	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,1-Dichloroethene	**2.0**	J	5.0	0.29	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Chloroethane	**15**		5.0	0.32	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**63**		5.0	0.81	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Trichloroethene	**0.80**	J	5.0	0.46	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Vinyl chloride	**21**		5.0	0.90	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Sample ID: RTJ1210-07 (MW-12 - Water)					**Sampled: 10/11/10 14:30**		**Recvd: 10/12/10 07:50**			
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethane	**0.83**	J	5.0	0.21	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Chloroethane	**33**		5.0	0.32	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Vinyl chloride	**8.1**		5.0	0.90	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Sample ID: RTJ1210-08 (MW-3 - Water)					**Sampled: 10/11/10 15:30**		**Recvd: 10/12/10 07:50**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	**12**		5.0	0.38	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Chloroethane	**7.2**		5.0	0.32	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**3.2**	J	5.0	0.81	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Vinyl chloride	**55**		5.0	0.90	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Sample ID: RTJ1210-09 (MW-4 - Water)					**Sampled: 10/11/10 16:30**		**Recvd: 10/12/10 07:50**			
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	**790**	D08,J	4000	310	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**43000**	D08	4000	650	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-09 (MW-4 - Water) - cont.						**Sampled: 10/11/10 16:30**		**Recvd: 10/12/10 07:50**		
Volatile Organic Compounds by EPA 8260B - cont.										
Trichloroethene	**7800**	D08	4000	370	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Vinyl chloride	**3000**	D08,J	4000	720	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Sample ID: RTJ1210-10 (MW-16S - Water)						**Sampled: 10/11/10 17:30**		**Recvd: 10/12/10 07:50**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**5000**	D08,J	20000	3300	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,1-Dichloroethane	**3100**	D08,J	20000	1500	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**90000**	D08	20000	3200	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Trichloroethene	**300000**	D08	20000	1800	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Vinyl chloride	**6300**	D08,J	20000	3600	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Sample ID: RTJ1210-11 (MW-2 - Water)						**Sampled: 10/11/10 18:30**		**Recvd: 10/12/10 07:50**		
Volatile Organic Compounds by EPA 8260B										
Chloroethane	**13**	D08,J	25	1.6	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**25**	D08	25	4.0	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Trichloroethene	**350**	D08	25	2.3	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
RINSE BLANK	RTJ1210-01	Water	10/11/10 08:00	10/12/10 07:50	
TRIP BLANK	RTJ1210-02	Water	10/11/10	10/12/10 07:50	
DUP	RTJ1210-03	Water	10/11/10 07:30	10/12/10 07:50	
MW-11	RTJ1210-04	Water	10/11/10 11:30	10/12/10 07:50	
MW-10	RTJ1210-05	Water	10/11/10 12:30	10/12/10 07:50	
MW-6	RTJ1210-06	Water	10/11/10 13:30	10/12/10 07:50	
MW-12	RTJ1210-07	Water	10/11/10 14:30	10/12/10 07:50	
MW-3	RTJ1210-08	Water	10/11/10 15:30	10/12/10 07:50	
MW-4	RTJ1210-09	Water	10/11/10 16:30	10/12/10 07:50	
MW-16S	RTJ1210-10	Water	10/11/10 17:30	10/12/10 07:50	
MW-2	RTJ1210-11	Water	10/11/10 18:30	10/12/10 07:50	

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-01 (RINSE BLANK - Water) — **Sampled: 10/11/10 08:00** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.31	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,1-Dichloroethane	ND		5.0	0.38	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,1-Dichloroethene	ND		5.0	0.29	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,2,4-Trichlorobenzene	ND		5.0	0.41	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	0.39	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,2-Dibromoethane	ND		5.0	0.73	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,2-Dichlorobenzene	ND		5.0	0.79	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,2-Dichloroethane	ND		5.0	0.21	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,2-Dichloropropane	ND		5.0	0.72	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,3-Dichlorobenzene	ND		5.0	0.78	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,4-Dichlorobenzene	ND		5.0	0.84	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
2-Butanone	ND		25	1.3	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
2-Hexanone	ND		25	1.2	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
4-Methyl-2-pentanone	ND		25	2.1	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Acetone	ND		25	3.0	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Benzene	ND		5.0	0.41	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Bromodichloromethane	ND		5.0	0.39	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Bromoform	ND		5.0	0.26	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Bromomethane	ND		5.0	0.69	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Carbon disulfide	ND		5.0	0.19	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Carbon Tetrachloride	ND		5.0	0.27	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Chlorobenzene	ND		5.0	0.75	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Dibromochloromethane	ND		5.0	0.32	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Chloroethane	ND		5.0	0.32	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Chloroform	ND		5.0	0.34	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Chloromethane	ND		5.0	0.35	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Cyclohexane	ND		5.0	0.18	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Dichlorodifluoromethane	ND		5.0	0.68	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Ethylbenzene	ND		5.0	0.74	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Isopropylbenzene	ND		5.0	0.79	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Methyl Acetate	ND		5.0	0.50	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.16	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Methylcyclohexane	ND		5.0	0.16	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Methylene Chloride	**0.53**	J	5.0	0.44	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Styrene	ND		5.0	0.73	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Tetrachloroethene	ND		5.0	0.36	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Toluene	ND		5.0	0.51	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Trichloroethene	ND		5.0	0.46	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Trichlorofluoromethane	ND		5.0	0.88	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
Vinyl chloride	ND		5.0	0.90	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-01 (RINSE BLANK - Water) - cont.							**Sampled: 10/11/10 08:00**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		15	0.66	ug/L	1.00	10/18/10 17:39	RJ	10J1461	8260B
1,2-Dichloroethane-d4	*95 %*		*Surr Limits: (66-137%)*				*10/18/10 17:39*	*RJ*	*10J1461*	*8260B*
4-Bromofluorobenzene	*91 %*		*Surr Limits: (73-120%)*				*10/18/10 17:39*	*RJ*	*10J1461*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*10/18/10 17:39*	*RJ*	*10J1461*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-02 (TRIP BLANK - Water) **Sampled: 10/11/10** **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.31	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,1-Dichloroethane	ND		5.0	0.38	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,1-Dichloroethene	ND		5.0	0.29	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,2,4-Trichlorobenzene	ND		5.0	0.41	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	0.39	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,2-Dibromoethane	ND		5.0	0.73	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,2-Dichlorobenzene	ND		5.0	0.79	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,2-Dichloroethane	ND		5.0	0.21	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,2-Dichloropropane	ND		5.0	0.72	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,3-Dichlorobenzene	ND		5.0	0.78	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,4-Dichlorobenzene	ND		5.0	0.84	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
2-Butanone	ND		25	1.3	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
2-Hexanone	ND		25	1.2	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
4-Methyl-2-pentanone	ND		25	2.1	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Acetone	ND		25	3.0	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Benzene	ND		5.0	0.41	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Bromodichloromethane	ND		5.0	0.39	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Bromoform	ND		5.0	0.26	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Bromomethane	ND		5.0	0.69	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Carbon disulfide	ND		5.0	0.19	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Carbon Tetrachloride	ND		5.0	0.27	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Chlorobenzene	ND		5.0	0.75	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Dibromochloromethane	ND		5.0	0.32	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Chloroethane	ND		5.0	0.32	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Chloroform	ND		5.0	0.34	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Chloromethane	ND		5.0	0.35	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Cyclohexane	ND		5.0	0.18	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Dichlorodifluoromethane	ND		5.0	0.68	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Ethylbenzene	ND		5.0	0.74	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Isopropylbenzene	ND		5.0	0.79	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Methyl Acetate	ND		5.0	0.50	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.16	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Methylcyclohexane	ND		5.0	0.16	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Methylene Chloride	ND		5.0	0.44	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Styrene	ND		5.0	0.73	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Tetrachloroethene	ND		5.0	0.36	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Toluene	ND		5.0	0.51	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Trichloroethene	ND		5.0	0.46	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Trichlorofluoromethane	ND		5.0	0.88	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
Vinyl chloride	ND		5.0	0.90	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-02 (TRIP BLANK - Water) - cont.						**Sampled: 10/11/10**			**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		15	0.66	ug/L	1.00	10/18/10 18:08	RJ	10J1461	8260B
1,2-Dichloroethane-d4	*96 %*		*Surr Limits: (66-137%)*				*10/18/10 18:08*	*RJ*	*10J1461*	*8260B*
4-Bromofluorobenzene	*93 %*		*Surr Limits: (73-120%)*				*10/18/10 18:08*	*RJ*	*10J1461*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*10/18/10 18:08*	*RJ*	*10J1461*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-03 (DUP - Water) — **Sampled: 10/11/10 07:30** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND	D08	500	82	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,1,2,2-Tetrachloroethane	ND	D08	500	21	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,1,2-Trichloroethane	ND	D08	500	23	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	500	31	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,1-Dichloroethane	**760**	D08	500	38	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,1-Dichloroethene	**190**	D08,J	500	29	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,2,4-Trichlorobenzene	ND	D08	500	41	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,2-Dibromo-3-chloropropane	ND	D08	500	39	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,2-Dibromoethane	ND	D08	500	73	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,2-Dichlorobenzene	ND	D08	500	79	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,2-Dichloroethane	ND	D08	500	21	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,2-Dichloropropane	ND	D08	500	72	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,3-Dichlorobenzene	ND	D08	500	78	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,4-Dichlorobenzene	ND	D08	500	84	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
2-Butanone	ND	D08	2500	130	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
2-Hexanone	ND	D08	2500	120	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
4-Methyl-2-pentanone	ND	D08	2500	210	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Acetone	ND	D08	2500	300	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Benzene	ND	D08	500	41	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Bromodichloromethane	ND	D08	500	39	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Bromoform	ND	D08	500	26	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Bromomethane	ND	D08	500	69	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Carbon disulfide	**80**	D08,J	500	19	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Carbon Tetrachloride	ND	D08	500	27	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Chlorobenzene	ND	D08	500	75	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Dibromochloromethane	ND	D08	500	32	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Chloroethane	ND	D08	500	32	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Chloroform	ND	D08	500	34	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Chloromethane	ND	D08	500	35	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
cis-1,2-Dichloroethene	**41000**	D08,E	500	81	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
cis-1,3-Dichloropropene	ND	D08	500	36	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Cyclohexane	ND	D08	500	18	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Dichlorodifluoromethane	ND	D08	500	68	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Ethylbenzene	ND	D08	500	74	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Isopropylbenzene	ND	D08	500	79	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Methyl Acetate	ND	D08	500	50	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	500	16	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Methylcyclohexane	ND	D08	500	16	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Methylene Chloride	ND	D08	500	44	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Styrene	ND	D08	500	73	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Tetrachloroethene	ND	D08	500	36	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Toluene	ND	D08	500	51	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
trans-1,2-Dichloroethene	**370**	D08,J	500	90	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
trans-1,3-Dichloropropene	ND	D08	500	37	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Trichloroethene	**7500**	D08	500	46	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Trichlorofluoromethane	ND	D08	500	88	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
Vinyl chloride	**2800**	D08	500	90	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B

AECOM - Amherst, NY
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Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-03 (DUP - Water) - cont.							**Sampled: 10/11/10 07:30**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND	D08	1500	66	ug/L	100	10/18/10 18:37	RJ	10J1461	8260B
1,2-Dichloroethane-d4	*93 %*	*D08*	*Surr Limits: (66-137%)*				*10/18/10 18:37*	*RJ*	*10J1461*	*8260B*
4-Bromofluorobenzene	*88 %*	*D08*	*Surr Limits: (73-120%)*				*10/18/10 18:37*	*RJ*	*10J1461*	*8260B*
Toluene-d8	*91 %*	*D08*	*Surr Limits: (71-126%)*				*10/18/10 18:37*	*RJ*	*10J1461*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

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Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-03RE1 (DUP - Water) **Sampled: 10/11/10 07:30** **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND	D08	4000	660	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,1,2,2-Tetrachloroethane	ND	D08	4000	170	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,1,2-Trichloroethane	ND	D08	4000	180	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	4000	250	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,1-Dichloroethane	**740**	D08,J	4000	310	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,1-Dichloroethene	ND	D08	4000	230	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,2,4-Trichlorobenzene	ND	D08	4000	330	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,2-Dibromo-3-chloropropane	ND	D08	4000	310	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,2-Dibromoethane	ND	D08	4000	580	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,2-Dichlorobenzene	ND	D08	4000	630	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,2-Dichloroethane	ND	D08	4000	170	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,2-Dichloropropane	ND	D08	4000	580	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,3-Dichlorobenzene	ND	D08	4000	620	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,4-Dichlorobenzene	ND	D08	4000	670	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
2-Butanone	ND	D08	20000	1100	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
2-Hexanone	ND	D08	20000	990	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
4-Methyl-2-pentanone	ND	D08	20000	1700	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Acetone	ND	D08	20000	2400	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Benzene	ND	D08	4000	330	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Bromodichloromethane	ND	D08	4000	310	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Bromoform	ND	D08	4000	210	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Bromomethane	ND	D08	4000	550	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Carbon disulfide	ND	D08	4000	160	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Carbon Tetrachloride	ND	D08	4000	210	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Chlorobenzene	ND	D08	4000	600	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Dibromochloromethane	ND	D08	4000	260	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Chloroethane	ND	D08	4000	260	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Chloroform	ND	D08	4000	270	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Chloromethane	ND	D08	4000	280	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**41000**	D08	4000	650	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
cis-1,3-Dichloropropene	ND	D08	4000	280	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Cyclohexane	ND	D08	4000	140	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Dichlorodifluoromethane	ND	D08	4000	540	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Ethylbenzene	ND	D08	4000	590	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Isopropylbenzene	ND	D08	4000	630	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Methyl Acetate	ND	D08	4000	400	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	4000	130	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Methylcyclohexane	ND	D08	4000	130	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Methylene Chloride	ND	D08	4000	350	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Styrene	ND	D08	4000	580	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Tetrachloroethene	ND	D08	4000	290	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Toluene	ND	D08	4000	410	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
trans-1,2-Dichloroethene	ND	D08	4000	720	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
trans-1,3-Dichloropropene	ND	D08	4000	290	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Trichloroethene	**7400**	D08	4000	370	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Trichlorofluoromethane	ND	D08	4000	700	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
Vinyl chloride	**2600**	D08,J	4000	720	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-03RE1 (DUP - Water) - cont.							**Sampled: 10/11/10 07:30**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND	D08	12000	530	ug/L	800	10/19/10 00:32	CDC	10J1496	8260B
1,2-Dichloroethane-d4	*94 %*	*D08*	*Surr Limits: (66-137%)*				*10/19/10 00:32*	*CDC*	*10J1496*	*8260B*
4-Bromofluorobenzene	*89 %*	*D08*	*Surr Limits: (73-120%)*				*10/19/10 00:32*	*CDC*	*10J1496*	*8260B*
Toluene-d8	*95 %*	*D08*	*Surr Limits: (71-126%)*				*10/19/10 00:32*	*CDC*	*10J1496*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-04 (MW-11 - Water) — **Sampled: 10/11/10 11:30** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	**2.2**	J	5.0	0.82	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.31	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,1-Dichloroethane	**16**		5.0	0.38	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,1-Dichloroethene	**2.0**	J	5.0	0.29	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,2,4-Trichlorobenzene	ND		5.0	0.41	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	0.39	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,2-Dibromoethane	ND		5.0	0.73	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,2-Dichlorobenzene	ND		5.0	0.79	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,2-Dichloroethane	ND		5.0	0.21	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,2-Dichloropropane	ND		5.0	0.72	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,3-Dichlorobenzene	ND		5.0	0.78	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,4-Dichlorobenzene	ND		5.0	0.84	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
2-Butanone	ND		25	1.3	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
2-Hexanone	ND		25	1.2	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
4-Methyl-2-pentanone	ND		25	2.1	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Acetone	ND		25	3.0	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Benzene	ND		5.0	0.41	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Bromodichloromethane	ND		5.0	0.39	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Bromoform	ND		5.0	0.26	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Bromomethane	ND		5.0	0.69	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Carbon disulfide	ND		5.0	0.19	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Carbon Tetrachloride	ND		5.0	0.27	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Chlorobenzene	ND		5.0	0.75	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Dibromochloromethane	ND		5.0	0.32	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Chloroethane	**15**		5.0	0.32	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Chloroform	ND		5.0	0.34	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Chloromethane	ND		5.0	0.35	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**63**		5.0	0.81	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Cyclohexane	ND		5.0	0.18	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Dichlorodifluoromethane	ND		5.0	0.68	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Ethylbenzene	ND		5.0	0.74	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Isopropylbenzene	ND		5.0	0.79	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Methyl Acetate	ND		5.0	0.50	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.16	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Methylcyclohexane	ND		5.0	0.16	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Methylene Chloride	ND		5.0	0.44	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Styrene	ND		5.0	0.73	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Tetrachloroethene	ND		5.0	0.36	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Toluene	ND		5.0	0.51	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Trichloroethene	**0.80**	J	5.0	0.46	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Trichlorofluoromethane	ND		5.0	0.88	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
Vinyl chloride	**21**		5.0	0.90	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-04 (MW-11 - Water) - cont.							**Sampled: 10/11/10 11:30**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		15	0.66	ug/L	1.00	10/19/10 01:01	CDC	10J1496	8260B
1,2-Dichloroethane-d4	*96 %*		*Surr Limits: (66-137%)*				*10/19/10 01:01*	*CDC*	*10J1496*	*8260B*
4-Bromofluorobenzene	*89 %*		*Surr Limits: (73-120%)*				*10/19/10 01:01*	*CDC*	*10J1496*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*10/19/10 01:01*	*CDC*	*10J1496*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

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Analytical Report

Sample ID: RTJ1210-05 (MW-10 - Water) — **Sampled: 10/11/10 12:30** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.31	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,1-Dichloroethane	ND		5.0	0.38	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,1-Dichloroethene	ND		5.0	0.29	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,2,4-Trichlorobenzene	ND		5.0	0.41	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	0.39	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,2-Dibromoethane	ND		5.0	0.73	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,2-Dichlorobenzene	ND		5.0	0.79	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,2-Dichloroethane	ND		5.0	0.21	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,2-Dichloropropane	ND		5.0	0.72	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,3-Dichlorobenzene	ND		5.0	0.78	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,4-Dichlorobenzene	ND		5.0	0.84	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
2-Butanone	ND		25	1.3	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
2-Hexanone	ND		25	1.2	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
4-Methyl-2-pentanone	ND		25	2.1	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Acetone	ND		25	3.0	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Benzene	ND		5.0	0.41	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Bromodichloromethane	ND		5.0	0.39	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Bromoform	ND		5.0	0.26	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Bromomethane	ND		5.0	0.69	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Carbon disulfide	ND		5.0	0.19	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Carbon Tetrachloride	ND		5.0	0.27	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Chlorobenzene	ND		5.0	0.75	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Dibromochloromethane	ND		5.0	0.32	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Chloroethane	ND		5.0	0.32	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Chloroform	ND		5.0	0.34	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Chloromethane	ND		5.0	0.35	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Cyclohexane	ND		5.0	0.18	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Dichlorodifluoromethane	ND		5.0	0.68	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Ethylbenzene	ND		5.0	0.74	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Isopropylbenzene	ND		5.0	0.79	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Methyl Acetate	ND		5.0	0.50	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.16	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Methylcyclohexane	ND		5.0	0.16	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Methylene Chloride	ND		5.0	0.44	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Styrene	ND		5.0	0.73	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Tetrachloroethene	ND		5.0	0.36	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Toluene	ND		5.0	0.51	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Trichloroethene	ND		5.0	0.46	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Trichlorofluoromethane	ND		5.0	0.88	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
Vinyl chloride	ND		5.0	0.90	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-05 (MW-10 - Water) - cont.							**Sampled: 10/11/10 12:30**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		15	0.66	ug/L	1.00	10/18/10 19:35	RJ	10J1461	8260B
1,2-Dichloroethane-d4	*97 %*		*Surr Limits: (66-137%)*				*10/18/10 19:35*	*RJ*	*10J1461*	*8260B*
4-Bromofluorobenzene	*88 %*		*Surr Limits: (73-120%)*				*10/18/10 19:35*	*RJ*	*10J1461*	*8260B*
Toluene-d8	*93 %*		*Surr Limits: (71-126%)*				*10/18/10 19:35*	*RJ*	*10J1461*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-06 (MW-6 - Water) — **Sampled: 10/11/10 13:30** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.31	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,1-Dichloroethane	ND		5.0	0.38	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,1-Dichloroethene	ND		5.0	0.29	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,2,4-Trichlorobenzene	ND		5.0	0.41	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	0.39	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,2-Dibromoethane	ND		5.0	0.73	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,2-Dichlorobenzene	ND		5.0	0.79	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,2-Dichloroethane	ND		5.0	0.21	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,2-Dichloropropane	ND		5.0	0.72	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,3-Dichlorobenzene	ND		5.0	0.78	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,4-Dichlorobenzene	ND		5.0	0.84	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
2-Butanone	ND		25	1.3	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
2-Hexanone	ND		25	1.2	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
4-Methyl-2-pentanone	ND		25	2.1	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Acetone	ND		25	3.0	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Benzene	ND		5.0	0.41	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Bromodichloromethane	ND		5.0	0.39	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Bromoform	ND		5.0	0.26	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Bromomethane	ND		5.0	0.69	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Carbon disulfide	ND		5.0	0.19	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Carbon Tetrachloride	ND		5.0	0.27	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Chlorobenzene	ND		5.0	0.75	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Dibromochloromethane	ND		5.0	0.32	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Chloroethane	ND		5.0	0.32	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Chloroform	ND		5.0	0.34	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Chloromethane	ND		5.0	0.35	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Cyclohexane	ND		5.0	0.18	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Dichlorodifluoromethane	ND		5.0	0.68	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Ethylbenzene	ND		5.0	0.74	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Isopropylbenzene	ND		5.0	0.79	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Methyl Acetate	ND		5.0	0.50	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.16	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Methylcyclohexane	ND		5.0	0.16	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Methylene Chloride	ND		5.0	0.44	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Styrene	ND		5.0	0.73	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Tetrachloroethene	ND		5.0	0.36	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Toluene	ND		5.0	0.51	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Trichloroethene	ND		5.0	0.46	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Trichlorofluoromethane	ND		5.0	0.88	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
Vinyl chloride	ND		5.0	0.90	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B

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Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-06 (MW-6 - Water) - cont.							**Sampled: 10/11/10 13:30**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		15	0.66	ug/L	1.00	10/19/10 01:30	CDC	10J1496	8260B
1,2-Dichloroethane-d4	*97 %*		*Surr Limits: (66-137%)*				*10/19/10 01:30*	*CDC*	*10J1496*	*8260B*
4-Bromofluorobenzene	*90 %*		*Surr Limits: (73-120%)*				*10/19/10 01:30*	*CDC*	*10J1496*	*8260B*
Toluene-d8	*92 %*		*Surr Limits: (71-126%)*				*10/19/10 01:30*	*CDC*	*10J1496*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-07 (MW-12 - Water) — **Sampled: 10/11/10 14:30** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.31	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,1-Dichloroethane	ND		5.0	0.38	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,1-Dichloroethene	ND		5.0	0.29	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,2,4-Trichlorobenzene	ND		5.0	0.41	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	0.39	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,2-Dibromoethane	ND		5.0	0.73	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,2-Dichlorobenzene	ND		5.0	0.79	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,2-Dichloroethane	**0.83**	J	5.0	0.21	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,2-Dichloropropane	ND		5.0	0.72	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,3-Dichlorobenzene	ND		5.0	0.78	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,4-Dichlorobenzene	ND		5.0	0.84	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
2-Butanone	ND		25	1.3	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
2-Hexanone	ND		25	1.2	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
4-Methyl-2-pentanone	ND		25	2.1	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Acetone	ND		25	3.0	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Benzene	ND		5.0	0.41	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Bromodichloromethane	ND		5.0	0.39	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Bromoform	ND		5.0	0.26	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Bromomethane	ND		5.0	0.69	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Carbon disulfide	ND		5.0	0.19	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Carbon Tetrachloride	ND		5.0	0.27	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Chlorobenzene	ND		5.0	0.75	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Dibromochloromethane	ND		5.0	0.32	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Chloroethane	**33**		5.0	0.32	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Chloroform	ND		5.0	0.34	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Chloromethane	ND		5.0	0.35	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Cyclohexane	ND		5.0	0.18	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Dichlorodifluoromethane	ND		5.0	0.68	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Ethylbenzene	ND		5.0	0.74	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Isopropylbenzene	ND		5.0	0.79	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Methyl Acetate	ND		5.0	0.50	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.16	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Methylcyclohexane	ND		5.0	0.16	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Methylene Chloride	ND		5.0	0.44	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Styrene	ND		5.0	0.73	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Tetrachloroethene	ND		5.0	0.36	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Toluene	ND		5.0	0.51	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Trichloroethene	ND		5.0	0.46	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Trichlorofluoromethane	ND		5.0	0.88	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
Vinyl chloride	**8.1**		5.0	0.90	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-07 (MW-12 - Water) - cont.							**Sampled: 10/11/10 14:30**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		15	0.66	ug/L	1.00	10/19/10 01:59	CDC	10J1496	8260B
1,2-Dichloroethane-d4	*97 %*		*Surr Limits: (66-137%)*				*10/19/10 01:59*	*CDC*	*10J1496*	*8260B*
4-Bromofluorobenzene	*91 %*		*Surr Limits: (73-120%)*				*10/19/10 01:59*	*CDC*	*10J1496*	*8260B*
Toluene-d8	*95 %*		*Surr Limits: (71-126%)*				*10/19/10 01:59*	*CDC*	*10J1496*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-08 (MW-3 - Water) — **Sampled: 10/11/10 15:30** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.31	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,1-Dichloroethane	**12**		5.0	0.38	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,1-Dichloroethene	ND		5.0	0.29	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,2,4-Trichlorobenzene	ND		5.0	0.41	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	0.39	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,2-Dibromoethane	ND		5.0	0.73	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,2-Dichlorobenzene	ND		5.0	0.79	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,2-Dichloroethane	ND		5.0	0.21	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,2-Dichloropropane	ND		5.0	0.72	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,3-Dichlorobenzene	ND		5.0	0.78	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,4-Dichlorobenzene	ND		5.0	0.84	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
2-Butanone	ND		25	1.3	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
2-Hexanone	ND		25	1.2	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
4-Methyl-2-pentanone	ND		25	2.1	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Acetone	ND		25	3.0	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Benzene	ND		5.0	0.41	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Bromodichloromethane	ND		5.0	0.39	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Bromoform	ND		5.0	0.26	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Bromomethane	ND		5.0	0.69	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Carbon disulfide	ND		5.0	0.19	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Carbon Tetrachloride	ND		5.0	0.27	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Chlorobenzene	ND		5.0	0.75	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Dibromochloromethane	ND		5.0	0.32	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Chloroethane	**7.2**		5.0	0.32	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Chloroform	ND		5.0	0.34	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Chloromethane	ND		5.0	0.35	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**3.2**	J	5.0	0.81	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Cyclohexane	ND		5.0	0.18	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Dichlorodifluoromethane	ND		5.0	0.68	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Ethylbenzene	ND		5.0	0.74	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Isopropylbenzene	ND		5.0	0.79	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Methyl Acetate	ND		5.0	0.50	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	0.16	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Methylcyclohexane	ND		5.0	0.16	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Methylene Chloride	ND		5.0	0.44	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Styrene	ND		5.0	0.73	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Tetrachloroethene	ND		5.0	0.36	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Toluene	ND		5.0	0.51	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Trichloroethene	ND		5.0	0.46	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Trichlorofluoromethane	ND		5.0	0.88	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
Vinyl chloride	**55**		5.0	0.90	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-08 (MW-3 - Water) - cont.							**Sampled: 10/11/10 15:30**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		15	0.66	ug/L	1.00	10/19/10 02:28	CDC	10J1496	8260B
1,2-Dichloroethane-d4	*97 %*		*Surr Limits: (66-137%)*				*10/19/10 02:28*	*CDC*	*10J1496*	*8260B*
4-Bromofluorobenzene	*88 %*		*Surr Limits: (73-120%)*				*10/19/10 02:28*	*CDC*	*10J1496*	*8260B*
Toluene-d8	*94 %*		*Surr Limits: (71-126%)*				*10/19/10 02:28*	*CDC*	*10J1496*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

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Analytical Report

Sample ID: RTJ1210-09 (MW-4 - Water) — **Sampled: 10/11/10 16:30** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND	D08	4000	660	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,1,2,2-Tetrachloroethane	ND	D08	4000	170	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,1,2-Trichloroethane	ND	D08	4000	180	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	4000	250	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,1-Dichloroethane	**790**	D08,J	4000	310	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,1-Dichloroethene	ND	D08	4000	230	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,2,4-Trichlorobenzene	ND	D08	4000	330	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,2-Dibromo-3-chloropropane	ND	D08	4000	310	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,2-Dibromoethane	ND	D08	4000	580	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,2-Dichlorobenzene	ND	D08	4000	630	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,2-Dichloroethane	ND	D08	4000	170	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,2-Dichloropropane	ND	D08	4000	580	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,3-Dichlorobenzene	ND	D08	4000	620	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,4-Dichlorobenzene	ND	D08	4000	670	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
2-Butanone	ND	D08	20000	1100	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
2-Hexanone	ND	D08	20000	990	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
4-Methyl-2-pentanone	ND	D08	20000	1700	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Acetone	ND	D08	20000	2400	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Benzene	ND	D08	4000	330	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Bromodichloromethane	ND	D08	4000	310	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Bromoform	ND	D08	4000	210	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Bromomethane	ND	D08	4000	550	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Carbon disulfide	ND	D08	4000	160	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Carbon Tetrachloride	ND	D08	4000	210	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Chlorobenzene	ND	D08	4000	600	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Dibromochloromethane	ND	D08	4000	260	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Chloroethane	ND	D08	4000	260	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Chloroform	ND	D08	4000	270	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Chloromethane	ND	D08	4000	280	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**43000**	D08	4000	650	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
cis-1,3-Dichloropropene	ND	D08	4000	280	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Cyclohexane	ND	D08	4000	140	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Dichlorodifluoromethane	ND	D08	4000	540	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Ethylbenzene	ND	D08	4000	590	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Isopropylbenzene	ND	D08	4000	630	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Methyl Acetate	ND	D08	4000	400	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	4000	130	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Methylcyclohexane	ND	D08	4000	130	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Methylene Chloride	ND	D08	4000	350	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Styrene	ND	D08	4000	580	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Tetrachloroethene	ND	D08	4000	290	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Toluene	ND	D08	4000	410	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
trans-1,2-Dichloroethene	ND	D08	4000	720	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
trans-1,3-Dichloropropene	ND	D08	4000	290	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Trichloroethene	**7800**	D08	4000	370	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Trichlorofluoromethane	ND	D08	4000	700	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
Vinyl chloride	**3000**	D08,J	4000	720	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-09 (MW-4 - Water) - cont.							**Sampled: 10/11/10 16:30**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND	D08	12000	530	ug/L	800	10/19/10 02:57	CDC	10J1496	8260B
1,2-Dichloroethane-d4	*97 %*	*D08*	*Surr Limits: (66-137%)*				*10/19/10 02:57*	*CDC*	*10J1496*	*8260B*
4-Bromofluorobenzene	*90 %*	*D08*	*Surr Limits: (73-120%)*				*10/19/10 02:57*	*CDC*	*10J1496*	*8260B*
Toluene-d8	*95 %*	*D08*	*Surr Limits: (71-126%)*				*10/19/10 02:57*	*CDC*	*10J1496*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-10 (MW-16S - Water) — **Sampled: 10/11/10 17:30** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	**5000**	D08,J	20000	3300	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,1,2,2-Tetrachloroethane	ND	D08	20000	850	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,1,2-Trichloroethane	ND	D08	20000	920	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	20000	1200	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,1-Dichloroethane	**3100**	D08,J	20000	1500	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,1-Dichloroethene	ND	D08	20000	1200	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,2,4-Trichlorobenzene	ND	D08	20000	1600	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,2-Dibromo-3-chloropropane	ND	D08	20000	1600	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,2-Dibromoethane	ND	D08	20000	2900	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,2-Dichlorobenzene	ND	D08	20000	3200	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,2-Dichloroethane	ND	D08	20000	860	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,2-Dichloropropane	ND	D08	20000	2900	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,3-Dichlorobenzene	ND	D08	20000	3100	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,4-Dichlorobenzene	ND	D08	20000	3400	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
2-Butanone	ND	D08	100000	5300	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
2-Hexanone	ND	D08	100000	5000	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
4-Methyl-2-pentanone	ND	D08	100000	8400	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Acetone	ND	D08	100000	12000	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Benzene	ND	D08	20000	1600	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Bromodichloromethane	ND	D08	20000	1500	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Bromoform	ND	D08	20000	1000	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Bromomethane	ND	D08	20000	2800	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Carbon disulfide	ND	D08	20000	780	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Carbon Tetrachloride	ND	D08	20000	1100	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Chlorobenzene	ND	D08	20000	3000	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Dibromochloromethane	ND	D08	20000	1300	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Chloroethane	ND	D08	20000	1300	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Chloroform	ND	D08	20000	1300	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Chloromethane	ND	D08	20000	1400	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**90000**	D08	20000	3200	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
cis-1,3-Dichloropropene	ND	D08	20000	1400	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Cyclohexane	ND	D08	20000	720	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Dichlorodifluoromethane	ND	D08	20000	2700	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Ethylbenzene	ND	D08	20000	3000	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Isopropylbenzene	ND	D08	20000	3200	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Methyl Acetate	ND	D08	20000	2000	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	20000	640	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Methylcyclohexane	ND	D08	20000	640	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Methylene Chloride	ND	D08	20000	1800	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Styrene	ND	D08	20000	2900	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Tetrachloroethene	ND	D08	20000	1500	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Toluene	ND	D08	20000	2000	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
trans-1,2-Dichloroethene	ND	D08	20000	3600	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
trans-1,3-Dichloropropene	ND	D08	20000	1500	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Trichloroethene	**300000**	D08	20000	1800	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Trichlorofluoromethane	ND	D08	20000	3500	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
Vinyl chloride	**6300**	D08,J	20000	3600	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-10 (MW-16S - Water) - cont.							**Sampled: 10/11/10 17:30**		**Recvd: 10/12/10 07:50**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND	D08	60000	2600	ug/L	4000	10/19/10 03:26	CDC	10J1496	8260B
1,2-Dichloroethane-d4	*97 %*	*D08*	*Surr Limits: (66-137%)*				*10/19/10 03:26*	*CDC*	*10J1496*	*8260B*
4-Bromofluorobenzene	*89 %*	*D08*	*Surr Limits: (73-120%)*				*10/19/10 03:26*	*CDC*	*10J1496*	*8260B*
Toluene-d8	*94 %*	*D08*	*Surr Limits: (71-126%)*				*10/19/10 03:26*	*CDC*	*10J1496*	*8260B*

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Sample ID: RTJ1210-11 (MW-2 - Water) — **Sampled: 10/11/10 18:30** — **Recvd: 10/12/10 07:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND	D08	25	4.1	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,1,2,2-Tetrachloroethane	ND	D08	25	1.1	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,1,2-Trichloroethane	ND	D08	25	1.2	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	25	1.5	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,1-Dichloroethane	ND	D08	25	1.9	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,1-Dichloroethene	ND	D08	25	1.5	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,2,4-Trichlorobenzene	ND	D08	25	2.0	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,2-Dibromo-3-chloropropane	ND	D08	25	2.0	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,2-Dibromoethane	ND	D08	25	3.6	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,2-Dichlorobenzene	ND	D08	25	4.0	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,2-Dichloroethane	ND	D08	25	1.1	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,2-Dichloropropane	ND	D08	25	3.6	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,3-Dichlorobenzene	ND	D08	25	3.9	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,4-Dichlorobenzene	ND	D08	25	4.2	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
2-Butanone	ND	D08	120	6.6	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
2-Hexanone	ND	D08	120	6.2	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
4-Methyl-2-pentanone	ND	D08	120	10	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Acetone	ND	D08	120	15	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Benzene	ND	D08	25	2.0	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Bromodichloromethane	ND	D08	25	1.9	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Bromoform	ND	D08	25	1.3	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Bromomethane	ND	D08	25	3.4	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Carbon disulfide	ND	D08	25	0.97	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Carbon Tetrachloride	ND	D08	25	1.3	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Chlorobenzene	ND	D08	25	3.8	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Dibromochloromethane	ND	D08	25	1.6	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Chloroethane	**13**	D08,J	25	1.6	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Chloroform	ND	D08	25	1.7	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Chloromethane	ND	D08	25	1.7	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
cis-1,2-Dichloroethene	**25**	D08	25	4.0	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
cis-1,3-Dichloropropene	ND	D08	25	1.8	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Cyclohexane	ND	D08	25	0.90	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Dichlorodifluoromethane	ND	D08	25	3.4	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Ethylbenzene	ND	D08	25	3.7	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Isopropylbenzene	ND	D08	25	4.0	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Methyl Acetate	ND	D08	25	2.5	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	25	0.80	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Methylcyclohexane	ND	D08	25	0.80	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Methylene Chloride	ND	D08	25	2.2	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Styrene	ND	D08	25	3.6	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Tetrachloroethene	ND	D08	25	1.8	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Toluene	ND	D08	25	2.6	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
trans-1,2-Dichloroethene	ND	D08	25	4.5	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
trans-1,3-Dichloropropene	ND	D08	25	1.8	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Trichloroethene	**350**	D08	25	2.3	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Trichlorofluoromethane	ND	D08	25	4.4	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
Vinyl chloride	ND	D08	25	4.5	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1210-11 (MW-2 - Water) - cont.						**Sampled: 10/11/10 18:30**		**Recvd: 10/12/10 07:50**		
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND	D08	75	3.3	ug/L	5.00	10/19/10 03:55	CDC	10J1496	8260B
1,2-Dichloroethane-d4	*97 %*	*D08*	*Surr Limits: (66-137%)*				*10/19/10 03:55*	*CDC*	*10J1496*	*8260B*
4-Bromofluorobenzene	*89 %*	*D08*	*Surr Limits: (73-120%)*				*10/19/10 03:55*	*CDC*	*10J1496*	*8260B*
Toluene-d8	*94 %*	*D08*	*Surr Limits: (71-126%)*				*10/19/10 03:55*	*CDC*	*10J1496*	*8260B*

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SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Volatile Organic Compounds by EPA 8260B									
8260B	10J1496	RTJ1210-03RE1	5.00	mL	5.00	mL	10/18/10 20:04	CDC	5030B MS
8260B	10J1496	RTJ1210-04	5.00	mL	5.00	mL	10/18/10 20:04	CDC	5030B MS
8260B	10J1496	RTJ1210-06	5.00	mL	5.00	mL	10/18/10 20:04	CDC	5030B MS
8260B	10J1496	RTJ1210-07	5.00	mL	5.00	mL	10/18/10 20:04	CDC	5030B MS
8260B	10J1496	RTJ1210-08	5.00	mL	5.00	mL	10/18/10 20:04	CDC	5030B MS
8260B	10J1496	RTJ1210-09	5.00	mL	5.00	mL	10/18/10 20:04	CDC	5030B MS
8260B	10J1496	RTJ1210-10	5.00	mL	5.00	mL	10/18/10 20:04	CDC	5030B MS
8260B	10J1496	RTJ1210-11	5.00	mL	5.00	mL	10/18/10 20:04	CDC	5030B MS
8260B	10J1461	RTJ1210-01	5.00	mL	5.00	mL	10/18/10 09:36	RMJ	5030B MS
8260B	10J1461	RTJ1210-02	5.00	mL	5.00	mL	10/18/10 09:36	RMJ	5030B MS
8260B	10J1461	RTJ1210-03	5.00	mL	5.00	mL	10/18/10 09:36	RMJ	5030B MS
8260B	10J1461	RTJ1210-05	5.00	mL	5.00	mL	10/18/10 09:36	RMJ	5030B MS

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 10/18/10 (Lab Number:10J1461-BLK1, Batch: 10J1461)											
1,1,1-Trichloroethane			5.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			5.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			5.0	0.23	ug/L	ND					
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	0.31	ug/L	ND					
1,1-Dichloroethane			5.0	0.38	ug/L	ND					
1,1-Dichloroethene			5.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			5.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane			5.0	0.39	ug/L	ND					
1,2-Dibromoethane			5.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			5.0	0.79	ug/L	ND					
1,2-Dichloroethane			5.0	0.21	ug/L	ND					
1,2-Dichloropropane			5.0	0.72	ug/L	ND					
1,3-Dichlorobenzene			5.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			5.0	0.84	ug/L	ND					
2-Butanone			25	1.3	ug/L	ND					
2-Hexanone			25	1.2	ug/L	ND					
4-Methyl-2-pentanone			25	2.1	ug/L	ND					
Acetone			25	3.0	ug/L	ND					
Benzene			5.0	0.41	ug/L	ND					
Bromodichloromethane			5.0	0.39	ug/L	ND					
Bromoform			5.0	0.26	ug/L	ND					
Bromomethane			5.0	0.69	ug/L	ND					
Carbon disulfide			5.0	0.19	ug/L	ND					
Carbon Tetrachloride			5.0	0.27	ug/L	ND					
Chlorobenzene			5.0	0.75	ug/L	ND					
Dibromochloromethane			5.0	0.32	ug/L	ND					
Chloroethane			5.0	0.32	ug/L	ND					
Chloroform			5.0	0.34	ug/L	ND					
Chloromethane			5.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			5.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			5.0	0.36	ug/L	ND					
Cyclohexane			5.0	0.18	ug/L	ND					
Dichlorodifluoromethane			5.0	0.68	ug/L	ND					
Ethylbenzene			5.0	0.74	ug/L	ND					
Isopropylbenzene			5.0	0.79	ug/L	ND					
Methyl Acetate			5.0	0.50	ug/L	ND					

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Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 10/18/10 (Lab Number:10J1461-BLK1, Batch: 10J1461)											
Methyl-t-Butyl Ether (MTBE)			5.0	0.16	ug/L	ND					
Methylcyclohexane			5.0	0.16	ug/L	ND					
Methylene Chloride			5.0	0.44	ug/L	ND					
Styrene			5.0	0.73	ug/L	ND					
Tetrachloroethene			5.0	0.36	ug/L	ND					
Toluene			5.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			5.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			5.0	0.37	ug/L	ND					
Trichloroethene			5.0	0.46	ug/L	ND					
Trichlorofluoromethane			5.0	0.88	ug/L	ND					
Vinyl chloride			5.0	0.90	ug/L	ND					
Xylenes, total			15	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*94*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*93*	*71-126*			
LCS Analyzed: 10/18/10 (Lab Number:10J1461-BS1, Batch: 10J1461)											
1,1,1-Trichloroethane			5.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			5.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			5.0	0.23	ug/L	ND		76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	5.0	0.38	ug/L	26.9	108	71-129			
1,1-Dichloroethene		25.0	5.0	0.29	ug/L	25.4	102	65-138			
1,2,4-Trichlorobenzene			5.0	0.41	ug/L	ND		70-122			
1,2-Dibromo-3-chloropropane			5.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane			5.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	5.0	0.79	ug/L	24.8	99	77-120			
1,2-Dichloroethane		25.0	5.0	0.21	ug/L	26.7	107	75-127			
1,2-Dichloropropane			5.0	0.72	ug/L	ND		76-120			
1,3-Dichlorobenzene			5.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			5.0	0.84	ug/L	ND		75-120			
2-Butanone			25	1.3	ug/L	ND		57-140			
2-Hexanone			25	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone			25	2.1	ug/L	ND		71-125			
Acetone			25	3.0	ug/L	ND		56-142			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 10/18/10 (Lab Number:10J1461-BS1, Batch: 10J1461)											
Benzene		25.0	5.0	0.41	ug/L	25.6	103	71-124			
Bromodichloromethane			5.0	0.39	ug/L	ND		80-122			
Bromoform			5.0	0.26	ug/L	ND		66-128			
Bromomethane			5.0	0.69	ug/L	ND		36-150			
Carbon disulfide			5.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			5.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	5.0	0.75	ug/L	24.9	100	72-120			
Dibromochloromethane			5.0	0.32	ug/L	ND		75-125			
Chloroethane			5.0	0.32	ug/L	ND		69-136			
Chloroform			5.0	0.34	ug/L	ND		73-127			
Chloromethane			5.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	5.0	0.81	ug/L	25.6	102	74-124			
cis-1,3-Dichloropropene			5.0	0.36	ug/L	ND		74-124			
Cyclohexane			5.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			5.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	5.0	0.74	ug/L	25.2	101	77-123			
Isopropylbenzene			5.0	0.79	ug/L	ND		77-122			
Methyl Acetate			5.0	0.50	ug/L	ND		60-140			
Methyl-t-Butyl Ether (MTBE)		25.0	5.0	0.16	ug/L	26.2	105	64-127			
Methylcyclohexane			5.0	0.16	ug/L	ND		60-140			
Methylene Chloride			5.0	0.44	ug/L	ND		57-132			
Styrene			5.0	0.73	ug/L	ND		70-130			
Tetrachloroethene		25.0	5.0	0.36	ug/L	24.8	99	74-122			
Toluene		25.0	5.0	0.51	ug/L	24.6	98	70-122			
trans-1,2-Dichloroethene		25.0	5.0	0.90	ug/L	25.8	103	73-127			
trans-1,3-Dichloropropene			5.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	5.0	0.46	ug/L	25.4	102	74-123			
Trichlorofluoromethane			5.0	0.88	ug/L	ND		62-152			
Vinyl chloride			5.0	0.90	ug/L	ND		65-133			
Xylenes, total		75.0	15	0.66	ug/L	74.3	99	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*90*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*95*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*94*	*71-126*			

Volatile Organic Compounds by EPA 8260B

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 10/18/10 (Lab Number:10J1496-BLK1, Batch: 10J1496)											
1,1,1-Trichloroethane			5.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			5.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			5.0	0.23	ug/L	ND					
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	0.31	ug/L	ND					
1,1-Dichloroethane			5.0	0.38	ug/L	ND					
1,1-Dichloroethene			5.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			5.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane			5.0	0.39	ug/L	ND					
1,2-Dibromoethane			5.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			5.0	0.79	ug/L	ND					
1,2-Dichloroethane			5.0	0.21	ug/L	ND					
1,2-Dichloropropane			5.0	0.72	ug/L	ND					
1,3-Dichlorobenzene			5.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			5.0	0.84	ug/L	ND					
2-Butanone			25	1.3	ug/L	ND					
2-Hexanone			25	1.2	ug/L	ND					
4-Methyl-2-pentanone			25	2.1	ug/L	ND					
Acetone			25	3.0	ug/L	ND					
Benzene			5.0	0.41	ug/L	ND					
Bromodichloromethane			5.0	0.39	ug/L	ND					
Bromoform			5.0	0.26	ug/L	ND					
Bromomethane			5.0	0.69	ug/L	ND					
Carbon disulfide			5.0	0.19	ug/L	ND					
Carbon Tetrachloride			5.0	0.27	ug/L	ND					
Chlorobenzene			5.0	0.75	ug/L	ND					
Dibromochloromethane			5.0	0.32	ug/L	ND					
Chloroethane			5.0	0.32	ug/L	ND					
Chloroform			5.0	0.34	ug/L	ND					
Chloromethane			5.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			5.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			5.0	0.36	ug/L	ND					
Cyclohexane			5.0	0.18	ug/L	ND					
Dichlorodifluoromethane			5.0	0.68	ug/L	ND					
Ethylbenzene			5.0	0.74	ug/L	ND					
Isopropylbenzene			5.0	0.79	ug/L	ND					
Methyl Acetate			5.0	0.50	ug/L	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 10/18/10 (Lab Number:10J1496-BLK1, Batch: 10J1496)											
Methyl-t-Butyl Ether (MTBE)			5.0	0.16	ug/L	ND					
Methylcyclohexane			5.0	0.16	ug/L	ND					
Methylene Chloride			5.0	0.44	ug/L	ND					
Styrene			5.0	0.73	ug/L	ND					
Tetrachloroethene			5.0	0.36	ug/L	ND					
Toluene			5.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			5.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			5.0	0.37	ug/L	ND					
Trichloroethene			5.0	0.46	ug/L	ND					
Trichlorofluoromethane			5.0	0.88	ug/L	ND					
Vinyl chloride			5.0	0.90	ug/L	ND					
Xylenes, total			15	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*96*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*93*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*95*	*71-126*			
LCS Analyzed: 10/18/10 (Lab Number:10J1496-BS1, Batch: 10J1496)											
1,1,1-Trichloroethane			5.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			5.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			5.0	0.23	ug/L	ND		76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	5.0	0.38	ug/L	26.9	108	71-129			
1,1-Dichloroethene		25.0	5.0	0.29	ug/L	25.1	100	65-138			
1,2,4-Trichlorobenzene			5.0	0.41	ug/L	ND		70-122			
1,2-Dibromo-3-chloropropane			5.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane			5.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	5.0	0.79	ug/L	24.5	98	77-120			
1,2-Dichloroethane		25.0	5.0	0.21	ug/L	26.9	108	75-127			
1,2-Dichloropropane			5.0	0.72	ug/L	ND		76-120			
1,3-Dichlorobenzene			5.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			5.0	0.84	ug/L	ND		75-120			
2-Butanone			25	1.3	ug/L	ND		57-140			
2-Hexanone			25	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone			25	2.1	ug/L	ND		71-125			
Acetone			25	3.0	ug/L	ND		56-142			

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 10/18/10 (Lab Number:10J1496-BS1, Batch: 10J1496)											
Benzene		25.0	5.0	0.41	ug/L	25.8	103	71-124			
Bromodichloromethane			5.0	0.39	ug/L	ND		80-122			
Bromoform			5.0	0.26	ug/L	ND		66-128			
Bromomethane			5.0	0.69	ug/L	ND		36-150			
Carbon disulfide			5.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			5.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	5.0	0.75	ug/L	25.0	100	72-120			
Dibromochloromethane			5.0	0.32	ug/L	ND		75-125			
Chloroethane			5.0	0.32	ug/L	ND		69-136			
Chloroform			5.0	0.34	ug/L	ND		73-127			
Chloromethane			5.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	5.0	0.81	ug/L	25.5	102	74-124			
cis-1,3-Dichloropropene			5.0	0.36	ug/L	ND		74-124			
Cyclohexane			5.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			5.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	5.0	0.74	ug/L	25.4	101	77-123			
Isopropylbenzene			5.0	0.79	ug/L	ND		77-122			
Methyl Acetate			5.0	0.50	ug/L	ND		60-140			
Methyl-t-Butyl Ether (MTBE)		25.0	5.0	0.16	ug/L	25.2	101	64-127			
Methylcyclohexane			5.0	0.16	ug/L	ND		60-140			
Methylene Chloride			5.0	0.44	ug/L	ND		57-132			
Styrene			5.0	0.73	ug/L	ND		70-130			
Tetrachloroethene		25.0	5.0	0.36	ug/L	24.6	99	74-122			
Toluene		25.0	5.0	0.51	ug/L	24.8	99	70-122			
trans-1,2-Dichloroethene		25.0	5.0	0.90	ug/L	25.9	104	73-127			
trans-1,3-Dichloropropene			5.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	5.0	0.46	ug/L	25.6	103	74-123			
Trichlorofluoromethane			5.0	0.88	ug/L	ND		62-152			
Vinyl chloride			5.0	0.90	ug/L	ND		65-133			
Xylenes, total		75.0	15	0.66	ug/L	73.6	98	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*93*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*93*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*94*	*71-126*			

Matrix Spike Analyzed: 10/19/10 (Lab Number:10J1496-MS1, Batch: 10J1496)

QC Source Sample: RTJ1210-03RE1

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Analyzed: 10/19/10 (Lab Number:10J1496-MS1, Batch: 10J1496)											
QC Source Sample: RTJ1210-03RE1											
1,1,1-Trichloroethane	ND		4000	660	ug/L	ND		73-126			D08
1,1,2,2-Tetrachloroethane	ND		4000	170	ug/L	ND		70-126			D08
1,1,2-Trichloroethane	ND		4000	180	ug/L	ND		76-122			D08
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	250	ug/L	ND		60-140			D08
1,1-Dichloroethane	736	20000	4000	310	ug/L	21900	106	71-129			D08
1,1-Dichloroethene	ND	20000	4000	230	ug/L	19800	99	65-138			D08
1,2,4-Trichlorobenzene	ND		4000	330	ug/L	ND		70-122			D08
1,2-Dibromo-3-chloropropane	ND		4000	310	ug/L	ND		56-134			D08
1,2-Dibromoethane	ND		4000	580	ug/L	ND		77-120			D08
1,2-Dichlorobenzene	ND	20000	4000	630	ug/L	18800	94	77-120			D08
1,2-Dichloroethane	ND	20000	4000	170	ug/L	21500	108	75-127			D08
1,2-Dichloropropane	ND		4000	580	ug/L	ND		76-120			D08
1,3-Dichlorobenzene	ND		4000	620	ug/L	ND		77-120			D08
1,4-Dichlorobenzene	ND		4000	670	ug/L	ND		75-120			D08
2-Butanone	ND		20000	1100	ug/L	ND		57-140			D08
2-Hexanone	ND		20000	990	ug/L	ND		65-127			D08
4-Methyl-2-pentanone	ND		20000	1700	ug/L	ND		71-125			D08
Acetone	ND		20000	2400	ug/L	ND		56-142			D08
Benzene	ND	20000	4000	330	ug/L	20300	101	71-124			D08
Bromodichloromethane	ND		4000	310	ug/L	ND		80-122			D08
Bromoform	ND		4000	210	ug/L	ND		66-128			D08
Bromomethane	ND		4000	550	ug/L	ND		36-150			D08
Carbon disulfide	ND		4000	160	ug/L	ND		59-134			D08
Carbon Tetrachloride	ND		4000	210	ug/L	ND		72-134			D08
Chlorobenzene	ND	20000	4000	600	ug/L	19000	95	72-120			D08
Dibromochloromethane	ND		4000	260	ug/L	ND		75-125			D08
Chloroethane	ND		4000	260	ug/L	ND		69-136			D08
Chloroform	ND		4000	270	ug/L	ND		73-127			D08
Chloromethane	ND		4000	280	ug/L	ND		49-142			D08
cis-1,2-Dichloroethene	40700	20000	4000	650	ug/L	61800	106	74-124			D08
cis-1,3-Dichloropropene	ND		4000	280	ug/L	ND		74-124			D08
Cyclohexane	ND		4000	140	ug/L	ND		70-130			D08
Dichlorodifluoromethane	ND		4000	540	ug/L	ND		33-157			D08
Ethylbenzene	ND	20000	4000	590	ug/L	19400	97	77-123			D08
Isopropylbenzene	ND		4000	630	ug/L	ND		77-122			D08
Methyl Acetate	ND		4000	400	ug/L	ND		60-140			D08

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Analyzed: 10/19/10 (Lab Number:10J1496-MS1, Batch: 10J1496)											
QC Source Sample: RTJ1210-03RE1											
Methyl-t-Butyl Ether (MTBE)	ND	20000	4000	130	ug/L	19100	95	64-127			D08
Methylcyclohexane	ND		4000	130	ug/L	ND		60-140			D08
Methylene Chloride	ND		4000	350	ug/L	ND		57-132			D08
Styrene	ND		4000	580	ug/L	ND		70-130			D08
Tetrachloroethene	ND	20000	4000	290	ug/L	17500	87	74-122			D08
Toluene	ND	20000	4000	410	ug/L	18700	93	70-122			D08
trans-1,2-Dichloroethene	ND	20000	4000	720	ug/L	20500	102	73-127			D08
trans-1,3-Dichloropropene	ND		4000	290	ug/L	ND		72-123			D08
Trichloroethene	7350	20000	4000	370	ug/L	27500	101	74-123			D08
Trichlorofluoromethane	ND		4000	700	ug/L	ND		62-152			D08
Vinyl chloride	2620		4000	720	ug/L	2840		65-133			D08,J
Xylenes, total	ND	60000	12000	530	ug/L	56100	93	76-122			D08
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*96*	*66-137*			*D08*
Surrogate: 4-Bromofluorobenzene					*ug/L*		*88*	*73-120*			*D08*
Surrogate: Toluene-d8					*ug/L*		*92*	*71-126*			*D08*
Matrix Spike Dup Analyzed: 10/19/10 (Lab Number:10J1496-MSD1, Batch: 10J1496)											
QC Source Sample: RTJ1210-03RE1											
1,1,1-Trichloroethane	ND		4000	660	ug/L	ND		73-126		15	D08
1,1,2,2-Tetrachloroethane	ND		4000	170	ug/L	ND		70-126		15	D08
1,1,2-Trichloroethane	ND		4000	180	ug/L	ND		76-122		15	D08
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	250	ug/L	ND		60-140		20	D08
1,1-Dichloroethane	736	20000	4000	310	ug/L	22300	108	71-129	2	20	D08
1,1-Dichloroethene	ND	20000	4000	230	ug/L	20400	102	65-138	3	16	D08
1,2,4-Trichlorobenzene	ND		4000	330	ug/L	ND		70-122		20	D08
1,2-Dibromo-3-chloropropane	ND		4000	310	ug/L	ND		56-134		15	D08
1,2-Dibromoethane	ND		4000	580	ug/L	ND		77-120		15	D08
1,2-Dichlorobenzene	ND	20000	4000	630	ug/L	18800	94	77-120	0.2	20	D08
1,2-Dichloroethane	ND	20000	4000	170	ug/L	21800	109	75-127	1	20	D08
1,2-Dichloropropane	ND		4000	580	ug/L	ND		76-120		20	D08
1,3-Dichlorobenzene	ND		4000	620	ug/L	ND		77-120		20	D08
1,4-Dichlorobenzene	ND		4000	670	ug/L	ND		75-120		20	D08
2-Butanone	ND		20000	1100	ug/L	ND		57-140		20	D08
2-Hexanone	ND		20000	990	ug/L	ND		65-127		15	D08

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Dup Analyzed: 10/19/10 (Lab Number:10J1496-MSD1, Batch: 10J1496)											
QC Source Sample: RTJ1210-03RE1											
4-Methyl-2-pentanone	ND		20000	1700	ug/L	ND		71-125		35	D08
Acetone	ND		20000	2400	ug/L	ND		56-142		15	D08
Benzene	ND	20000	4000	330	ug/L	20400	102	71-124	0.9	13	D08
Bromodichloromethane	ND		4000	310	ug/L	ND		80-122		15	D08
Bromoform	ND		4000	210	ug/L	ND		66-128		15	D08
Bromomethane	ND		4000	550	ug/L	ND		36-150		15	D08
Carbon disulfide	ND		4000	160	ug/L	ND		59-134		15	D08
Carbon Tetrachloride	ND		4000	210	ug/L	ND		72-134		15	D08
Chlorobenzene	ND	20000	4000	600	ug/L	19300	97	72-120	2	25	D08
Dibromochloromethane	ND		4000	260	ug/L	ND		75-125		15	D08
Chloroethane	ND		4000	260	ug/L	ND		69-136		15	D08
Chloroform	ND		4000	270	ug/L	ND		73-127		20	D08
Chloromethane	ND		4000	280	ug/L	ND		49-142		15	D08
cis-1,2-Dichloroethene	40700	20000	4000	650	ug/L	63200	113	74-124	2	15	D08
cis-1,3-Dichloropropene	ND		4000	280	ug/L	ND		74-124		15	D08
Cyclohexane	ND		4000	140	ug/L	ND		70-130		20	D08
Dichlorodifluoromethane	ND		4000	540	ug/L	ND		33-157		20	D08
Ethylbenzene	ND	20000	4000	590	ug/L	19700	99	77-123	1	15	D08
Isopropylbenzene	ND		4000	630	ug/L	ND		77-122		20	D08
Methyl Acetate	ND		4000	400	ug/L	ND		60-140		20	D08
Methyl-t-Butyl Ether (MTBE)	ND	20000	4000	130	ug/L	19200	96	64-127	0.8	37	D08
Methylcyclohexane	ND		4000	130	ug/L	ND		60-140		20	D08
Methylene Chloride	ND		4000	350	ug/L	ND		57-132		15	D08
Styrene	ND		4000	580	ug/L	ND		70-130		20	D08
Tetrachloroethene	ND	20000	4000	290	ug/L	18100	90	74-122	3	20	D08
Toluene	ND	20000	4000	410	ug/L	19000	95	70-122	2	15	D08
trans-1,2-Dichloroethene	ND	20000	4000	720	ug/L	20900	104	73-127	2	20	D08
trans-1,3-Dichloropropene	ND		4000	290	ug/L	ND		72-123		15	D08
Trichloroethene	7350	20000	4000	370	ug/L	28200	104	74-123	2	16	D08
Trichlorofluoromethane	ND		4000	700	ug/L	ND		62-152		20	D08
Vinyl chloride	2620		4000	720	ug/L	2820		65-133	0.8	15	D08,J
Xylenes, total	ND	60000	12000	530	ug/L	56900	95	76-122	1	16	D08
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*95*	*66-137*			*D08*
Surrogate: 4-Bromofluorobenzene					*ug/L*		*88*	*73-120*			*D08*
Surrogate: Toluene-d8					*ug/L*		*92*	*71-126*			*D08*

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1210

Project: Scott Aviation site
Project Number: EARTH-0001

Received: 10/12/10
Reported: 10/21/10 17:35

LABORATORY QC DATA

Analyte	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: AECOM	Project Manager: Dino Zack	Date: 10/11/10	Chain of Custody Number: 178324
Address: 100 Corporate Pkwy, Suite 341	Telephone Number (Area Code)/Fax Number: 716-836-4506 ext 15	Lab Number: Buf	Page 1 of 1
City: Amherst / State: NY / Zip Code:	Site Contact: D. Zack	Lab Contact: B. Fisk	Analysis (Attach list if more space is needed)
Project Name and Location (State): Scott 4a10	Carrier/Waybill Number:		
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	1Oct
Rinse Blank	10/11/10	0800		X						3			X
Trip Blank	10/11/10	—		X						1			X
Dup	10/11/10	0730		X						3			X
MW-11	10/11/10	1130		X						3			X
MW-10	10/11/10	1230		X						3			X
MW-6	10/11/10	1330		X						3			X
MW-12	10/11/10	1430		X						3			X
MW-3	10/11/10	1530		X						3			X
MW-4	10/11/10	1630		X						3			X
MW-165	10/11/10	1730		X						3			X
MW-2	10/11/10	1830		X						3			X

Special Instructions/ Conditions of Receipt

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 STD

QC Requirements (Specify)

1. Relinquished By: Dino J Zack	Date: 10/11/10	Time: 1900	1. Received By: [signature]	Date: 10/12/10	Time: 7:50
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments: Please call w/ questions. MW-4, MW-165, & Dup may need dilution. ~~Other Samples~~

3.0°C

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

43/232

Analytical Report

Work Order: RTJ1316

Project Description

Scott Aviation site - TO-15 analysis

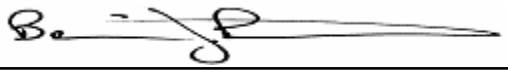
For:

Dino Zack

AECOM - Amherst, NY

100 Corporate Pkwy-Univ Centre

Amherst, NY 14226



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Thursday, October 21, 2010

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 10/14/10
Reported: 10/21/10 17:49

TestAmerica Buffalo
Current Certifications

As of 08/16/2010

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	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA,RCRA	NY200003
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
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 accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 10/14/10
Reported: 10/21/10 17:49

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, 285 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.

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 10/14/10
Reported: 10/21/10 17:49

DATA QUALIFIERS AND DEFINITIONS

U Indicates the analyte was analyzed for but not detected.

NR Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 10/14/10
Reported: 10/21/10 17:49

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1316-01 (AS Effluent - Air)					**Sampled: 10/11/10 09:45**		**Recvd: 10/14/10**		
Volatile Organic Compounds in Ambient Air									
1,1,1-Trichloroethane	**2.3**		1.6	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,1-Dichloroethane	**19**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,2-Dichloroethene, Total	**200**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Benzene	**2.5**		0.96	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Chloroethane	**46**		2.0	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
cis-1,2-Dichloroethene	**200**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Cyclohexane	**3.2**		1.0	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Ethylbenzene	**1.8**		1.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
m,p-Xylene	**4.8**		3.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
n-Heptane	**1.7**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
n-Hexane	**3.3**		1.1	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Toluene	**27**		1.1	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
trans-1,2-Dichloroethene	**2.7**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Trichloroethene	**38**		1.6	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Vinyl chloride	**35**		0.77	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Xylene (total)	**6.6**		1.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Xylene, o-	**1.8**		1.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Sample ID: RTJ1316-02 (DPE Effluent - Air)					**Sampled: 10/11/10 09:45**		**Recvd: 10/14/10**		
Volatile Organic Compounds in Ambient Air									
1,1,1-Trichloroethane	**250**		68	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,1-Dichloroethane	**230**		51	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,2-Dichloroethene, Total	**7000**		50	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
cis-1,2-Dichloroethene	**7000**		50	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Toluene	**70**		47	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Trichloroethene	**5700**		67	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Vinyl chloride	**270**		32	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 10/14/10
Reported: 10/21/10 17:49

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
AS Effluent	RTJ1316-01	Air	10/11/10 09:45	10/14/10 10:20	
DPE Effluent	RTJ1316-02	Air	10/11/10 09:45	10/14/10 10:20	

AECOM - Amherst, NY
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Amherst, NY 14226

Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 10/14/10
Reported: 10/21/10 17:49

Analytical Report

Sample ID: RTJ1316-01 (AS Effluent - Air) **Sampled: 10/11/10 09:45** **Recvd: 10/14/10**

Volatile Organic Compounds in Ambient Air

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	**2.3**		1.6	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,1,2,2-Tetrachloroethane	ND	U	2.1	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,1,2-Trichloroethane	ND	U	1.6	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,1-Dichloroethane	**19**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,1-Dichloroethene	ND	U	1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,2,4-Trichlorobenzene	ND	U	5.6	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,2,4-Trimethylbenzene	ND	U	1.5	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,2-Dibromoethane	ND	U	2.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,2-Dichlorobenzene	ND	U	1.8	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,2-Dichloroethane	ND	U	1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,2-Dichloroethene, Total	**200**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,2-Dichloropropane	ND	U	1.4	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,2-Dichlorotetrafluoroethane	ND	U	2.1	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,3,5-Trimethylbenzene	ND	U	1.5	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,3-Butadiene	ND	U	0.66	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,3-Dichlorobenzene	ND	U	1.8	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
1,4-Dichlorobenzene	ND	U	1.8	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
2,2,4-Trimethylpentane	ND	U	1.4	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
2-Chlorotoluene	ND	U	1.6	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
3-Chloropropene	ND	U	2.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
4-Ethyltoluene	ND	U	1.5	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Benzene	**2.5**		0.96	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Bromodichloromethane	ND	U	2.0	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Bromoethene(Vinyl Bromide)	ND	U	1.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Bromoform	ND	U	3.1	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Bromomethane	ND	U	1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Carbon disulfide	ND	U	2.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Carbon tetrachloride	ND	U	1.9	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Chlorobenzene	ND	U	1.4	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Chloroethane	**46**		2.0	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Chloroform	ND	U	1.5	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Chloromethane	ND	U	1.5	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
cis-1,2-Dichloroethene	**200**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
cis-1,3-Dichloropropene	ND	U	1.4	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Cyclohexane	**3.2**		1.0	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Dibromochloromethane	ND	U	2.6	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Dichlorodifluoromethane	ND	U	3.7	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Ethylbenzene	**1.8**		1.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Freon TF	ND	U	2.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Hexachlorobutadiene	ND	U	3.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
m,p-Xylene	**4.8**		3.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Methylene Chloride	ND	U	2.6	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
n-Heptane	**1.7**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
n-Hexane	**3.3**		1.1	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Styrene	ND	U	1.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 10/14/10
Reported: 10/21/10 17:49

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1316-01 (AS Effluent - Air) - cont.					**Sampled: 10/11/10 09:45**		**Recvd: 10/14/10**		
Volatile Organic Compounds in Ambient Air - cont.									
Tetrachloroethene	ND	U	2.0	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Toluene	**27**		1.1	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
trans-1,2-Dichloroethene	**2.7**		1.2	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
trans-1,3-Dichloropropene	ND	U	1.4	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Trichloroethene	**38**		1.6	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Trichlorofluoromethane	ND	U	1.7	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Vinyl chloride	**35**		0.77	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Xylene (total)	**6.6**		1.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN
Xylene, o-	**1.8**		1.3	ug/m3	1.50	10/18/10 14:39	NJR	8044	TO-15 RTN

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Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 10/14/10
Reported: 10/21/10 17:49

Analytical Report

Sample ID: RTJ1316-02 (DPE Effluent - Air) **Sampled: 10/11/10 09:45** **Recvd: 10/14/10**

Volatile Organic Compounds in Ambient Air

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	**250**		68	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,1,2,2-Tetrachloroethane	ND	U	86	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,1,2-Trichloroethane	ND	U	68	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,1-Dichloroethane	**230**		51	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,1-Dichloroethene	ND	U	50	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,2,4-Trichlorobenzene	ND	U	230	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,2,4-Trimethylbenzene	ND	U	62	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,2-Dibromoethane	ND	U	96	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,2-Dichlorobenzene	ND	U	75	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,2-Dichloroethane	ND	U	51	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,2-Dichloroethene, Total	**7000**		50	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,2-Dichloropropane	ND	U	58	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,2-Dichlorotetrafluoroethane	ND	U	88	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,3,5-Trimethylbenzene	ND	U	62	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,3-Butadiene	ND	U	28	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,3-Dichlorobenzene	ND	U	75	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
1,4-Dichlorobenzene	ND	U	75	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
2,2,4-Trimethylpentane	ND	U	59	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
2-Chlorotoluene	ND	U	65	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
3-Chloropropene	ND	U	98	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
4-Ethyltoluene	ND	U	62	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Benzene	ND	U	40	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Bromodichloromethane	ND	U	84	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Bromoethene(Vinyl Bromide)	ND	U	55	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Bromoform	ND	U	130	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Bromomethane	ND	U	49	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Carbon disulfide	ND	U	98	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Carbon tetrachloride	ND	U	79	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Chlorobenzene	ND	U	58	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Chloroethane	ND	U	83	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Chloroform	ND	U	61	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Chloromethane	ND	U	65	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
cis-1,2-Dichloroethene	**7000**		50	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
cis-1,3-Dichloropropene	ND	U	57	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Cyclohexane	ND	U	43	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Dibromochloromethane	ND	U	110	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Dichlorodifluoromethane	ND	U	160	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Ethylbenzene	ND	U	54	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Freon TF	ND	U	96	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Hexachlorobutadiene	ND	U	130	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
m,p-Xylene	ND	U	140	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Methylene Chloride	ND	U	110	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
n-Heptane	ND	U	51	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
n-Hexane	ND	U	44	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Styrene	ND	U	53	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN

AECOM - Amherst, NY
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Work Order: RTJ1316

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTJ1316-02 (DPE Effluent - Air) - cont.					**Sampled: 10/11/10 09:45**		**Recvd: 10/14/10**		
Volatile Organic Compounds in Ambient Air - cont.									
Tetrachloroethene	ND	U	85	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Toluene	**70**		47	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
trans-1,2-Dichloroethene	ND	U	50	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
trans-1,3-Dichloropropene	ND	U	57	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Trichloroethene	**5700**		67	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Trichlorofluoromethane	ND	U	70	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Vinyl chloride	**270**		32	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Xylene (total)	ND	U	54	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN
Xylene, o-	ND	U	54	ug/m3	62.7	10/16/10 16:25	WRD	8006	TO-15 RTN

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Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

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Reported: 10/21/10 17:49

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds in Ambient Air										
LCS Analyzed: 10/16/10 (Lab Number:200-8006-4, Batch: 8006)										
1,1,1-Trichloroethane		55.0	1.1	ug/m3	58	106	70-130			
1,1,2,2-Tetrachloroethane		69.0	1.4	ug/m3	65	95	70-130			
1,1,2-Trichloroethane		55.0	1.1	ug/m3	53	97	70-130			
1,1-Dichloroethane		40.0	0.81	ug/m3	43	106	70-130			
1,1-Dichloroethene		40.0	0.79	ug/m3	45	115	70-130			
1,2,4-Trichlorobenzene		74.0	3.7	ug/m3	72	97	70-130			
1,2,4-Trimethylbenzene		49.0	0.98	ug/m3	47	96	70-130			
1,2-Dibromoethane		77.0	1.5	ug/m3	79	102	70-130			
1,2-Dichlorobenzene		60.0	1.2	ug/m3	56	93	70-130			
1,2-Dichloroethane		40.0	0.81	ug/m3	42	104	70-130			
1,2-Dichloropropane		46.0	0.92	ug/m3	48	103	70-130			
1,2-Dichlorotetrafluoroethane		70.0	1.4	ug/m3	74	106	70-130			
1,3,5-Trimethylbenzene		49.0	0.98	ug/m3	47	96	70-130			
1,3-Butadiene		22.0	0.44	ug/m3	24	110	70-130			
1,3-Dichlorobenzene		60.0	1.2	ug/m3	56	94	70-130			
1,4-Dichlorobenzene		60.0	1.2	ug/m3	57	95	70-130			
2,2,4-Trimethylpentane		47.0	0.93	ug/m3	50	107	70-130			
2-Chlorotoluene		52.0	1.0	ug/m3	52	101	70-130			
3-Chloropropene		31.0	1.6	ug/m3	34	107	70-130			
4-Ethyltoluene		49.0	0.98	ug/m3	50	102	70-130			
Benzene		32.0	0.64	ug/m3	33	105	70-130			
Bromodichloromethane		67.0	1.3	ug/m3	75	113	70-130			
Bromoethene(Vinyl Bromide)		44.0	0.87	ug/m3	48	109	70-130			
Bromoform		100	2.1	ug/m3	110	110	70-130			
Bromomethane		39.0	0.78	ug/m3	40	103	70-130			
Carbon disulfide		31.0	1.6	ug/m3	34	108	70-130			
Carbon tetrachloride		63.0	1.3	ug/m3	67	106	70-130			
Chlorobenzene		46.0	0.92	ug/m3	45	98	70-130			
Chloroethane		26.0	1.3	ug/m3	28	105	70-130			
Chloroform		49.0	0.98	ug/m3	52	106	70-130			
Chloromethane		21.0	1.0	ug/m3	21	104	70-130			
cis-1,2-Dichloroethene		40.0	0.79	ug/m3	43	109	70-130			
cis-1,3-Dichloropropene		45.0	0.91	ug/m3	47	103	70-130			
Cyclohexane		34.0	0.69	ug/m3	37	106	70-130			
Dibromochloromethane		85.0	1.7	ug/m3	96	113	70-130			
Dichlorodifluoromethane		49.0	2.5	ug/m3	52	105	70-130			

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Work Order: RTJ1316

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds in Ambient Air										
LCS Analyzed: 10/16/10 (Lab Number:200-8006-4, Batch: 8006)										
Ethylbenzene		43.0	0.87	ug/m3	43	99	70-130			
Freon TF		77.0	1.5	ug/m3	88	114	70-130			
Hexachlorobutadiene		110	2.1	ug/m3	110	99	70-130			
m,p-Xylene		87.0	2.2	ug/m3	86	99	70-130			
Methylene Chloride		35.0	1.7	ug/m3	38	111	70-130			
n-Heptane		41.0	0.82	ug/m3	43	106	70-130			
n-Hexane		35.0	0.70	ug/m3	37	105	70-130			
Styrene		43.0	0.85	ug/m3	44	102	70-130			
Tetrachloroethene		68.0	1.4	ug/m3	70	103	70-130			
Toluene		38.0	0.75	ug/m3	37	99	70-130			
trans-1,2-Dichloroethene		40.0	0.79	ug/m3	42	105	70-130			
trans-1,3-Dichloropropene		45.0	0.91	ug/m3	45	100	70-130			
Trichloroethene		54.0	1.1	ug/m3	56	105	70-130			
Trichlorofluoromethane		56.0	1.1	ug/m3	59	105	70-130			
Vinyl chloride		26.0	0.51	ug/m3	27	105	70-130			
Xylene, o-		43.0	0.87	ug/m3	42	97	70-130			
Blank Analyzed: 10/16/10 (Lab Number:200-8006-5, Batch: 8006)										
1,1,1-Trichloroethane			1.1	ug/m3	ND		-			U
1,1,2,2-Tetrachloroethane			1.4	ug/m3	ND		-			U
1,1,2-Trichloroethane			1.1	ug/m3	ND		-			U
1,1-Dichloroethane			0.81	ug/m3	ND		-			U
1,1-Dichloroethene			0.79	ug/m3	ND		-			U
1,2,4-Trichlorobenzene			3.7	ug/m3	ND		-			U
1,2,4-Trimethylbenzene			0.98	ug/m3	ND		-			U
1,2-Dibromoethane			1.5	ug/m3	ND		-			U
1,2-Dichlorobenzene			1.2	ug/m3	ND		-			U
1,2-Dichloroethane			0.81	ug/m3	ND		-			U
1,2-Dichloroethene, Total			0.79	ug/m3	ND		-			U
1,2-Dichloropropane			0.92	ug/m3	ND		-			U
1,2-Dichlorotetrafluoroethane			1.4	ug/m3	ND		-			U
1,3,5-Trimethylbenzene			0.98	ug/m3	ND		-			U
1,3-Butadiene			0.44	ug/m3	ND		-			U
1,3-Dichlorobenzene			1.2	ug/m3	ND		-			U
1,4-Dichlorobenzene			1.2	ug/m3	ND		-			U
2,2,4-Trimethylpentane			0.93	ug/m3	ND		-			U
2-Chlorotoluene			1.0	ug/m3	ND		-			U

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds in Ambient Air										
Blank Analyzed: 10/16/10 (Lab Number:200-8006-5, Batch: 8006)										
3-Chloropropene			1.6	ug/m3	ND		-			U
4-Ethyltoluene			0.98	ug/m3	ND		-			U
Benzene			0.64	ug/m3	ND		-			U
Bromodichloromethane			1.3	ug/m3	ND		-			U
Bromoethene(Vinyl Bromide)			0.87	ug/m3	ND		-			U
Bromoform			2.1	ug/m3	ND		-			U
Bromomethane			0.78	ug/m3	ND		-			U
Carbon disulfide			1.6	ug/m3	ND		-			U
Carbon tetrachloride			1.3	ug/m3	ND		-			U
Chlorobenzene			0.92	ug/m3	ND		-			U
Chloroethane			1.3	ug/m3	ND		-			U
Chloroform			0.98	ug/m3	ND		-			U
Chloromethane			1.0	ug/m3	ND		-			U
cis-1,2-Dichloroethene			0.79	ug/m3	ND		-			U
cis-1,3-Dichloropropene			0.91	ug/m3	ND		-			U
Cyclohexane			0.69	ug/m3	ND		-			U
Dibromochloromethane			1.7	ug/m3	ND		-			U
Dichlorodifluoromethane			2.5	ug/m3	ND		-			U
Ethylbenzene			0.87	ug/m3	ND		-			U
Freon TF			1.5	ug/m3	ND		-			U
Hexachlorobutadiene			2.1	ug/m3	ND		-			U
m,p-Xylene			2.2	ug/m3	ND		-			U
Methylene Chloride			1.7	ug/m3	ND		-			U
n-Heptane			0.82	ug/m3	ND		-			U
n-Hexane			0.70	ug/m3	ND		-			U
Styrene			0.85	ug/m3	ND		-			U
Tetrachloroethene			1.4	ug/m3	ND		-			U
Toluene			0.75	ug/m3	ND		-			U
trans-1,2-Dichloroethene			0.79	ug/m3	ND		-			U
trans-1,3-Dichloropropene			0.91	ug/m3	ND		-			U
Trichloroethene			1.1	ug/m3	ND		-			U
Trichlorofluoromethane			1.1	ug/m3	ND		-			U
Vinyl chloride			0.51	ug/m3	ND		-			U
Xylene (total)			0.87	ug/m3	ND		-			U
Xylene, o-			0.87	ug/m3	ND		-			U

Volatile Organic Compounds in Ambient Air

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds in Ambient Air										
LCS Analyzed: 10/18/10 (Lab Number:200-8044-5, Batch: 8044)										
1,1,1-Trichloroethane		55.0	1.1	ug/m3	56	102	70-130			
1,1,2,2-Tetrachloroethane		69.0	1.4	ug/m3	62	90	70-130			
1,1,2-Trichloroethane		55.0	1.1	ug/m3	51	94	70-130			
1,1-Dichloroethane		40.0	0.81	ug/m3	42	104	70-130			
1,1-Dichloroethene		40.0	0.79	ug/m3	43	109	70-130			
1,2,4-Trichlorobenzene		74.0	3.7	ug/m3	69	93	70-130			
1,2,4-Trimethylbenzene		49.0	0.98	ug/m3	45	92	70-130			
1,2-Dibromoethane		77.0	1.5	ug/m3	74	97	70-130			
1,2-Dichlorobenzene		60.0	1.2	ug/m3	52	86	70-130			
1,2-Dichloroethane		40.0	0.81	ug/m3	41	101	70-130			
1,2-Dichloropropane		46.0	0.92	ug/m3	46	100	70-130			
1,2-Dichlorotetrafluoroethane		70.0	1.4	ug/m3	71	102	70-130			
1,3,5-Trimethylbenzene		49.0	0.98	ug/m3	45	92	70-130			
1,3-Butadiene		22.0	0.44	ug/m3	23	106	70-130			
1,3-Dichlorobenzene		60.0	1.2	ug/m3	53	89	70-130			
1,4-Dichlorobenzene		60.0	1.2	ug/m3	54	89	70-130			
2,2,4-Trimethylpentane		47.0	0.93	ug/m3	48	103	70-130			
2-Chlorotoluene		52.0	1.0	ug/m3	50	96	70-130			
3-Chloropropene		31.0	1.6	ug/m3	33	105	70-130			
4-Ethyltoluene		49.0	0.98	ug/m3	48	97	70-130			
Benzene		32.0	0.64	ug/m3	32	99	70-130			
Bromodichloromethane		67.0	1.3	ug/m3	72	108	70-130			
Bromoethene(Vinyl Bromide)		44.0	0.87	ug/m3	45	103	70-130			
Bromoform		100	2.1	ug/m3	110	105	70-130			
Bromomethane		39.0	0.78	ug/m3	38	97	70-130			
Carbon disulfide		31.0	1.6	ug/m3	32	103	70-130			
Carbon tetrachloride		63.0	1.3	ug/m3	65	103	70-130			
Chlorobenzene		46.0	0.92	ug/m3	44	95	70-130			
Chloroethane		26.0	1.3	ug/m3	26	100	70-130			
Chloroform		49.0	0.98	ug/m3	50	102	70-130			
Chloromethane		21.0	1.0	ug/m3	21	101	70-130			
cis-1,2-Dichloroethene		40.0	0.79	ug/m3	41	105	70-130			
cis-1,3-Dichloropropene		45.0	0.91	ug/m3	45	100	70-130			
Cyclohexane		34.0	0.69	ug/m3	35	102	70-130			
Dibromochloromethane		85.0	1.7	ug/m3	92	109	70-130			
Dichlorodifluoromethane		49.0	2.5	ug/m3	51	102	70-130			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds in Ambient Air										
LCS Analyzed: 10/18/10 (Lab Number:200-8044-5, Batch: 8044)										
Ethylbenzene		43.0	0.87	ug/m3	41	94	70-130			
Freon TF		77.0	1.5	ug/m3	84	109	70-130			
Hexachlorobutadiene		110	2.1	ug/m3	100	97	70-130			
m,p-Xylene		87.0	2.2	ug/m3	80	92	70-130			
Methylene Chloride		35.0	1.7	ug/m3	38	109	70-130			
n-Heptane		41.0	0.82	ug/m3	42	103	70-130			
n-Hexane		35.0	0.70	ug/m3	36	102	70-130			
Styrene		43.0	0.85	ug/m3	41	97	70-130			
Tetrachloroethene		68.0	1.4	ug/m3	65	97	70-130			
Toluene		38.0	0.75	ug/m3	36	95	70-130			
trans-1,2-Dichloroethene		40.0	0.79	ug/m3	41	102	70-130			
trans-1,3-Dichloropropene		45.0	0.91	ug/m3	45	100	70-130			
Trichloroethene		54.0	1.1	ug/m3	54	101	70-130			
Trichlorofluoromethane		56.0	1.1	ug/m3	57	102	70-130			
Vinyl chloride		26.0	0.51	ug/m3	26	100	70-130			
Xylene, o-		43.0	0.87	ug/m3	39	90	70-130			
Blank Analyzed: 10/18/10 (Lab Number:200-8044-6, Batch: 8044)										
1,1,1-Trichloroethane			1.1	ug/m3	ND		-			U
1,1,2,2-Tetrachloroethane			1.4	ug/m3	ND		-			U
1,1,2-Trichloroethane			1.1	ug/m3	ND		-			U
1,1-Dichloroethane			0.81	ug/m3	ND		-			U
1,1-Dichloroethene			0.79	ug/m3	ND		-			U
1,2,4-Trichlorobenzene			3.7	ug/m3	ND		-			U
1,2,4-Trimethylbenzene			0.98	ug/m3	ND		-			U
1,2-Dibromoethane			1.5	ug/m3	ND		-			U
1,2-Dichlorobenzene			1.2	ug/m3	ND		-			U
1,2-Dichloroethane			0.81	ug/m3	ND		-			U
1,2-Dichloroethene, Total			0.79	ug/m3	ND		-			U
1,2-Dichloropropane			0.92	ug/m3	ND		-			U
1,2-Dichlorotetrafluoroethane			1.4	ug/m3	ND		-			U
1,3,5-Trimethylbenzene			0.98	ug/m3	ND		-			U
1,3-Butadiene			0.44	ug/m3	ND		-			U
1,3-Dichlorobenzene			1.2	ug/m3	ND		-			U
1,4-Dichlorobenzene			1.2	ug/m3	ND		-			U
2,2,4-Trimethylpentane			0.93	ug/m3	ND		-			U
2-Chlorotoluene			1.0	ug/m3	ND		-			U

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LABORATORY QC DATA

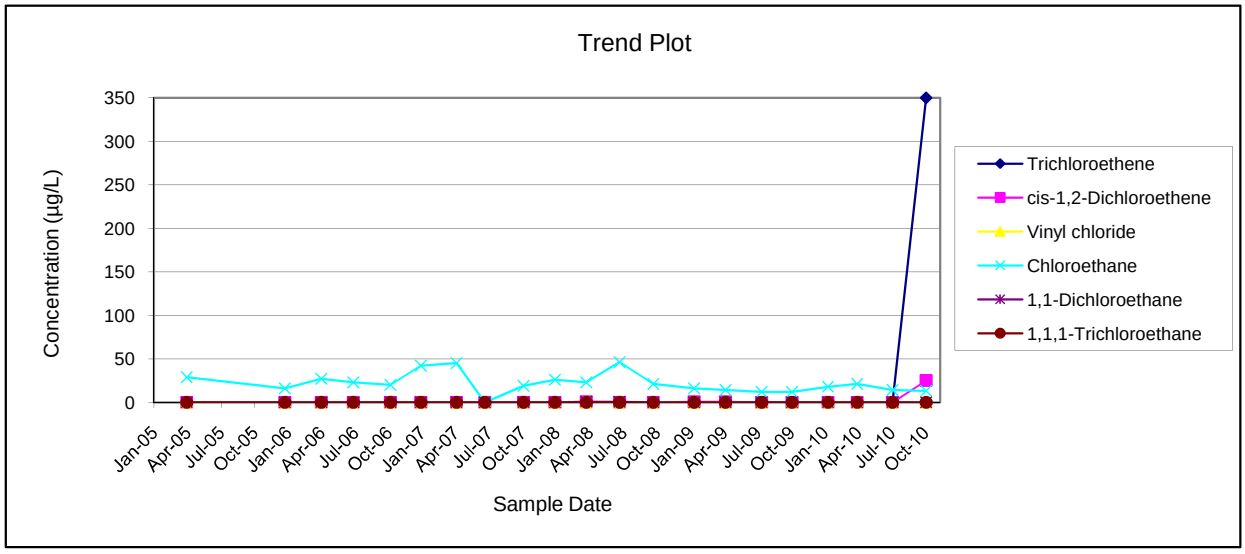
Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds in Ambient Air										
Blank Analyzed: 10/18/10 (Lab Number:200-8044-6, Batch: 8044)										
3-Chloropropene			1.6	ug/m3	ND		-			U
4-Ethyltoluene			0.98	ug/m3	ND		-			U
Benzene			0.64	ug/m3	ND		-			U
Bromodichloromethane			1.3	ug/m3	ND		-			U
Bromoethene(Vinyl Bromide)			0.87	ug/m3	ND		-			U
Bromoform			2.1	ug/m3	ND		-			U
Bromomethane			0.78	ug/m3	ND		-			U
Carbon disulfide			1.6	ug/m3	ND		-			U
Carbon tetrachloride			1.3	ug/m3	ND		-			U
Chlorobenzene			0.92	ug/m3	ND		-			U
Chloroethane			1.3	ug/m3	ND		-			U
Chloroform			0.98	ug/m3	ND		-			U
Chloromethane			1.0	ug/m3	ND		-			U
cis-1,2-Dichloroethene			0.79	ug/m3	ND		-			U
cis-1,3-Dichloropropene			0.91	ug/m3	ND		-			U
Cyclohexane			0.69	ug/m3	ND		-			U
Dibromochloromethane			1.7	ug/m3	ND		-			U
Dichlorodifluoromethane			2.5	ug/m3	ND		-			U
Ethylbenzene			0.87	ug/m3	ND		-			U
Freon TF			1.5	ug/m3	ND		-			U
Hexachlorobutadiene			2.1	ug/m3	ND		-			U
m,p-Xylene			2.2	ug/m3	ND		-			U
Methylene Chloride			1.7	ug/m3	ND		-			U
n-Heptane			0.82	ug/m3	ND		-			U
n-Hexane			0.70	ug/m3	ND		-			U
Styrene			0.85	ug/m3	ND		-			U
Tetrachloroethene			1.4	ug/m3	ND		-			U
Toluene			0.75	ug/m3	ND		-			U
trans-1,2-Dichloroethene			0.79	ug/m3	ND		-			U
trans-1,3-Dichloropropene			0.91	ug/m3	ND		-			U
Trichloroethene			1.1	ug/m3	ND		-			U
Trichlorofluoromethane			1.1	ug/m3	ND		-			U
Vinyl chloride			0.51	ug/m3	ND		-			U
Xylene (total)			0.87	ug/m3	ND		-			U
Xylene, o-			0.87	ug/m3	ND		-			U

Appendix D

Historical and Current Summary of VOCs in Groundwater

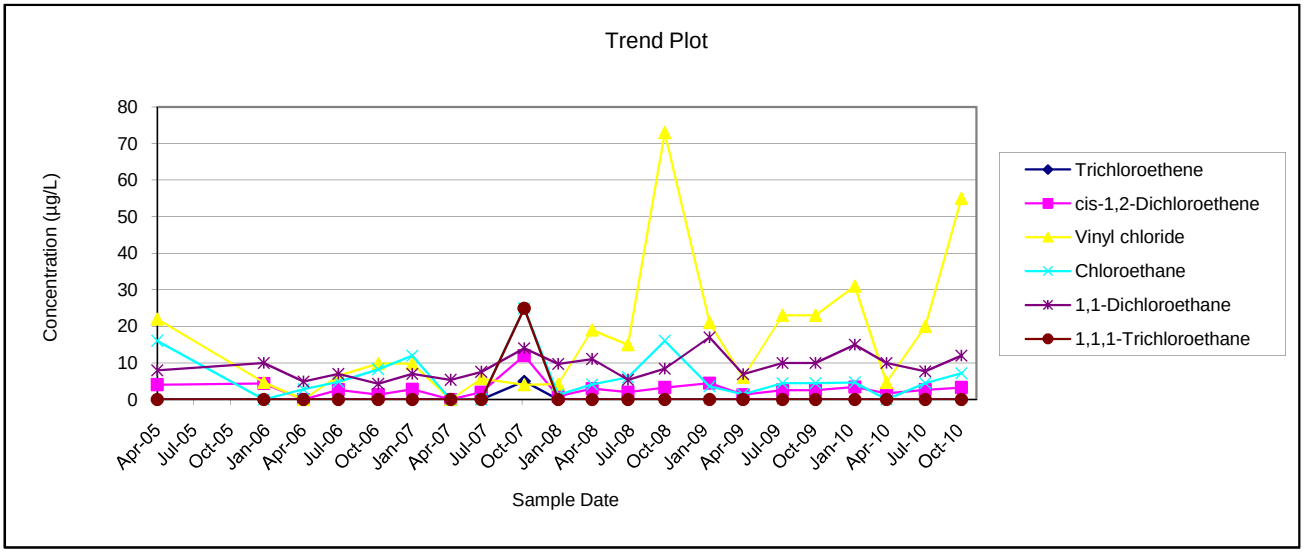
MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25
10/19/2006	< 5	< 5	< 5	20	< 5	< 5
1/9/2007	< 5	< 5	< 5	42	< 5	< 5
4/16/2007	< 20	< 20	< 20	45	< 20	< 20
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/15/2007	< 5	< 5	< 5	19	< 5	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	0.48	< 5	23	1	< 5
7/1/2008	< 5	< 5	< 5	46	0.65	< 5
10/1/2008	< 5	< 5	< 5	21	<5	< 5
1/20/2009	< 5	0	< 5	16	<5	< 5
4/15/2009	< 5	0	< 5	14	<5	< 5
7/22/2009	< 5	< 5	< 5	12	<5	< 5
10/12/2009	< 5	< 5	< 5	12	<5	< 5
1/18/2010	< 25	< 25	< 25	18	< 25	< 25
4/7/2010	< 25	< 25	< 25	21	< 25	< 25
7/12/2010	< 25	< 25	< 25	14	< 25	< 25
10/11/2010	350	25	< 25	13	< 25	< 25



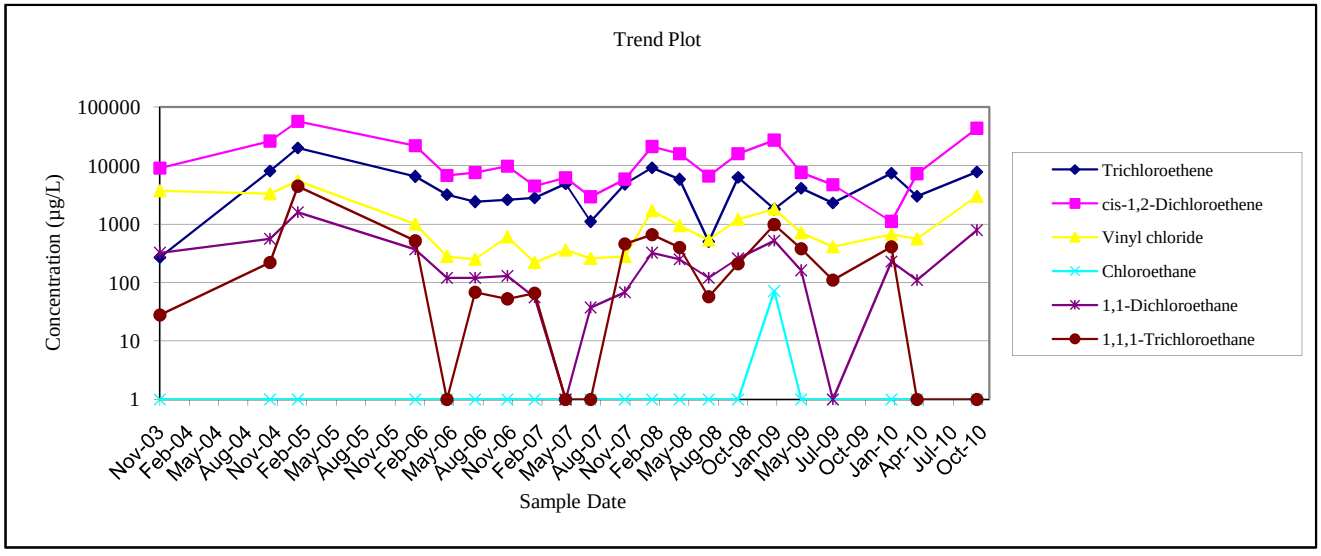
MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	4	22	16	8	<10
1/5/2006	< 25	4.4	4.6	< 25	10	< 25
4/14/2006	< 25	< 25	< 25	2.8	4.9	< 25
7/10/2006	< 25	2.6	6.5	4.8	7	< 25
10/18/2006	< 5	1.3	9.8	8.2	4.3	< 5
1/10/2007	< 5	2.8	9.8	12	7	< 5
4/16/2007	< 20	< 20	< 20	< 20	5.3	< 20
7/2/2007	< 5	2	5.7	< 5	7.5	< 5
10/17/2007	5	12	4	25	14	25
1/9/2008	< 5	0.9	4.2	1.2	9.7	<5
4/3/2008	<5	3	19	4.1	11	<5
7/1/2008	<5	2	15	6	5.3	<5
10/1/2008	<5	3.2	73	16	8.4	<5
1/21/2009	<5	4.5	21	3.6	17	<5
4/15/2009	<5	1.3	6	1.4	6.9	<5
7/22/2009	<5	2.5	23	4.5	10	<5
10/12/2009	<5	2.5	23	4.5	10	<5
1/18/2010	<5	3.4	31	4.6	15	<5
4/7/2010	<5	1.7	4.6	<5	10	<5
7/13/2010	<5	2.6	20	4.5	7.7	<5
10/11/2010	<5	3.2	55	7.2	12	<5



MONITORING WELL MW-4
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

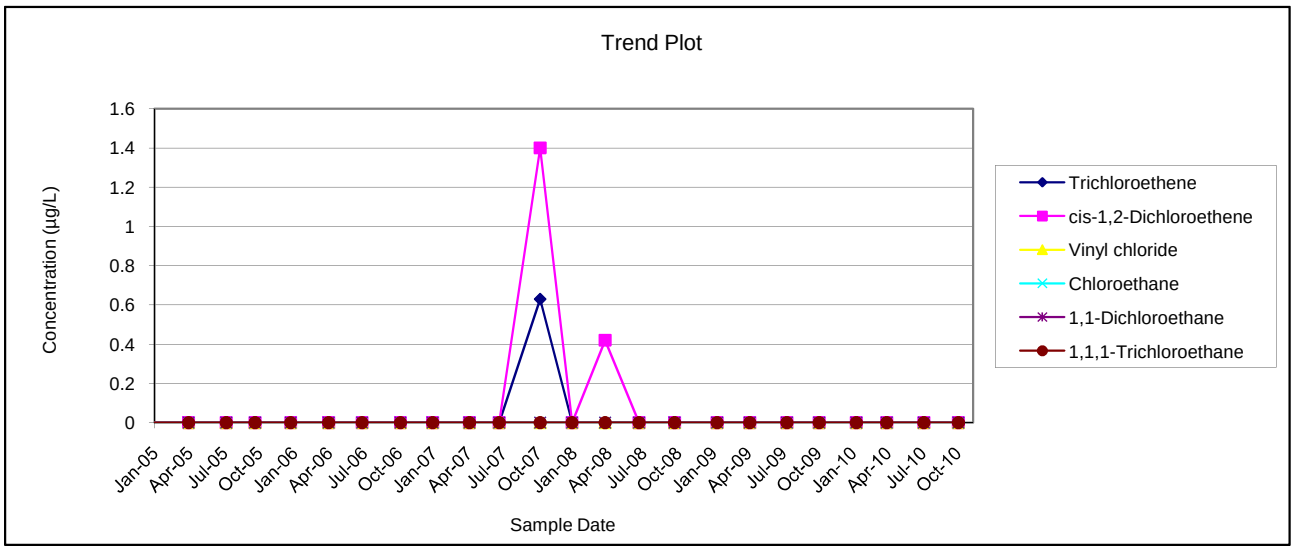
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000	1,000	< 2000	370	520
4/14/2006	3,200	6,800	280	<500	120	<500
7/10/2006	2,400	7,600	250	<500	120	68
10/18/2006	2,600	9,800	600	<5	130	52
1/10/2007	2,800	4,500	220	<400	56	66
4/17/2007	4,900	6,200	360	<500	<500	<500
7/3/2007	1,100	2,900	260	<200	37	<200
10/17/2007	4,800	5,800	280	<500	68	460
1/9/2008	9,200	21,000	1,700	<500	320	660
4/3/2008	5,800	16,000	940	<1200	250	400
7/2/2008	500	6,600	530	<500	120	57
10/2/2008	6,300	16,000	1,200	<500	260	210
1/22/2009	1,800	27,000	1,800	72	520	970
4/15/2009	4,100	7,600	710	<200	160	380
7/22/2009	2,300	4,700	410	<250	<250	110
1/19/2010	7,400	1,100	670	<1000	230	410
4/8/2010	3,000	7,200	560	<500	110	<500
10/11/2010	7,800	43,000	3,000	<4,000	790	<4,000



Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

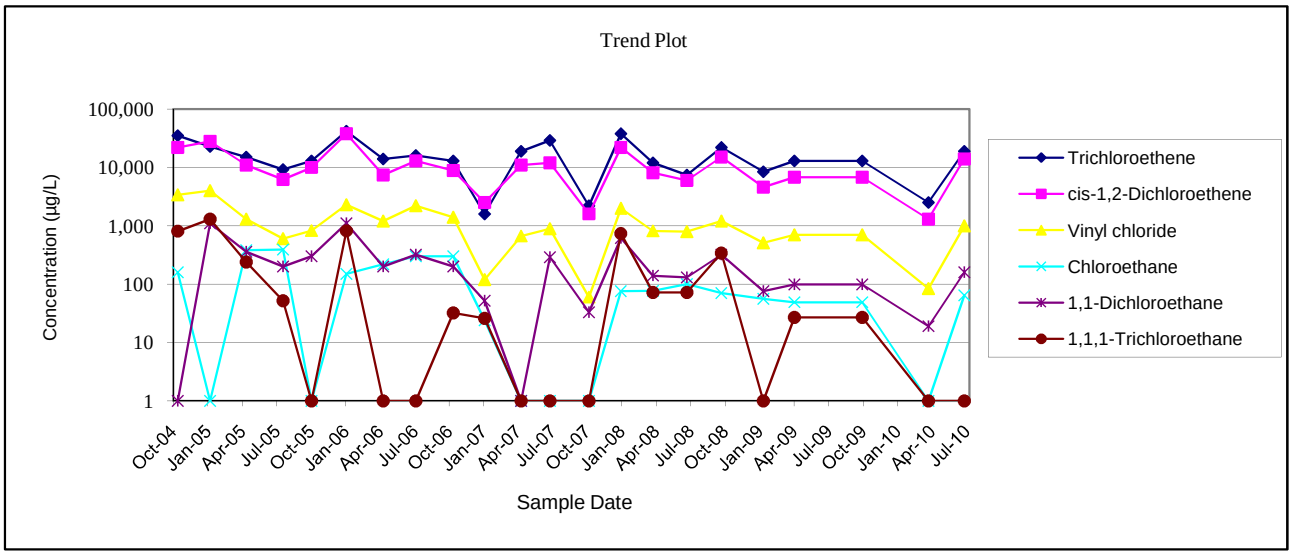
MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	< 10	< 10	< 10	< 10	< 10	< 6
10/12/2004	< 10	< 10	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/14/2005	< 10	< 10	< 10	< 10	< 10	< 10
7/21/2005	< 5	< 5	< 5	< 5	< 5	< 5
10/4/2005	< 5	< 5	< 5	< 5	< 5	< 5
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/10/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	0.63	1.4	< 5	< 5	< 5	< 5
1/8/2008	<5	<5	<5	< 5	< 5	< 5
4/3/2008	<5	0.42	<5	<5	<5	<5
7/1/2008	<5	<5	<5	<5	<5	<5
10/1/2008	<5	<5	<5	<5	<5	<5
1/20/2009	<5	<5	<5	<5	<5	<5
4/15/2009	<5	<5	<5	<5	<5	<5
7/21/2009	<5	<5	<5	<5	<5	<5
10/13/2009	<5	<5	<5	<5	<5	<5
1/18/2010	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5
7/13/2010	<5	<5	<5	<5	<5	<5
10/11/2010	<5	<5	<5	<5	<5	<5



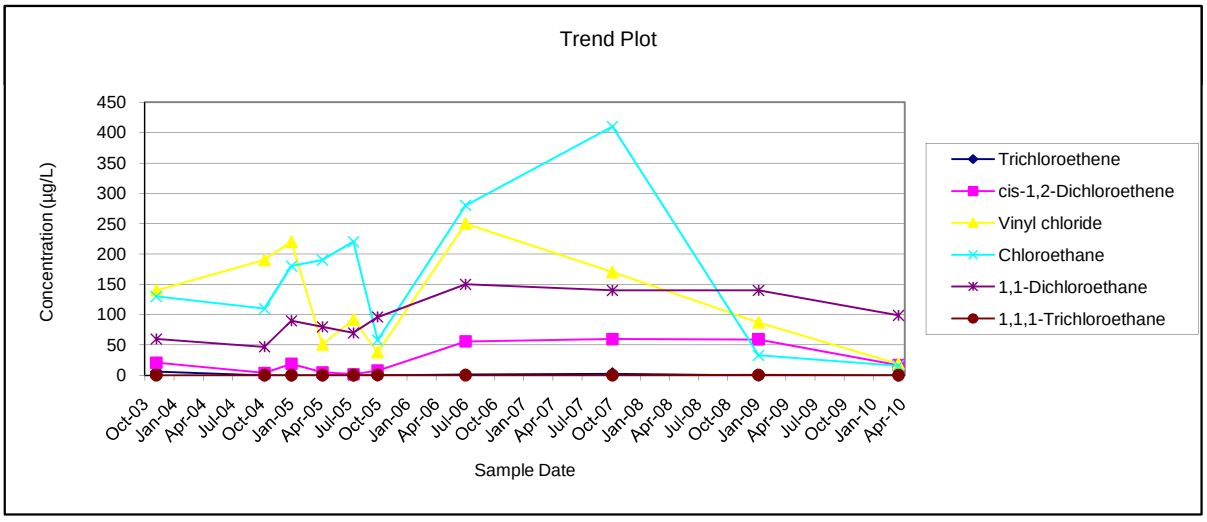
MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/13/2004	35,000	22,000	3,400	160	< 5,000	810
1/7/2005	23,000	28,000	4,000	< 2,000	1,100	1,300
4/14/2005	15,000	11,000	1,300	380	360	240
7/21/2005	9,200	6,200	600	390	200	52
10/5/2005	13,000	10,000	830	< 1,000	300	<1,000
1/6/2006	42,000	38,000	2,300	150	1100	820
4/14/2006	14,000	7,400	1,200	220	200	< 1,000
7/10/2006	16,000	13,000	2,200	300	320	< 1,000
10/18/2006	13,000	8,900	1,400	300	200	32
1/10/2007	1,600	2,500	120	24	52	26
4/17/2007	19,000	11,000	670	< 1,000	< 1,000	< 1,000
7/3/2007	29,000	12,000	890	< 1,000	290	< 1,000
10/15/2007	2,200	1,600	60	< 200	33	< 200
1/8/2008	38,000	22,000	2,000	76	620	740
4/3/2008	12,000	8,100	820	77	140	72
7/2/2008	7,400	6,000	790	100	130	72
10/2/2008	22,000	15,000	1,200	70	320	340
1/22/2009	8,400	4,600	510	56	76	<100
4/15/2009	13,000	6,800	700	49	99	27
10/13/2009	13,000	6,800	700	49	99	27
4/8/2010	2,500	1,300	84	<100	19	<100
7/12/2010	19,000	14,000	1,000	64	160	<100



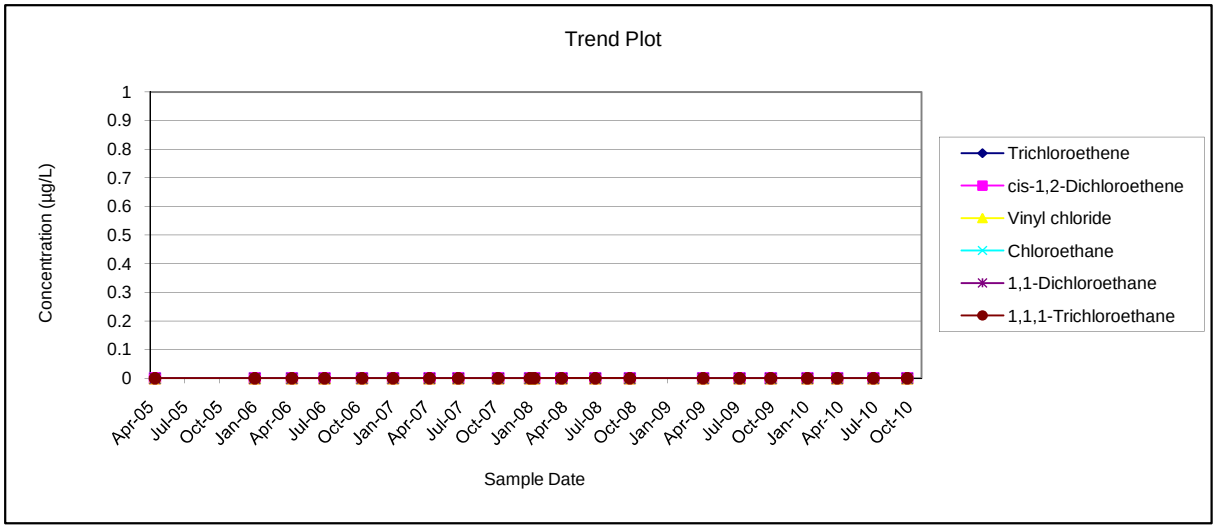
MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	6	21	140	130	60	< 10
10/13/2004	< 10	4	190	110	47	< 10
1/6/2005	< 10	19	220	180	90	< 10
4/14/2005	< 10	5	51	190	80	< 10
7/21/2005	< 5	2	92	220	70	< 5
10/5/2005	< 5	8	38	58	96	0.68
7/10/2006	1.3	56	250	280	150	< 5
10/17/2007	2.6	60	170	410	140	< 25
1/21/2009	<5	59	87	33	140	0.81
4/7/2010	<5	17	19	16	99	< 5



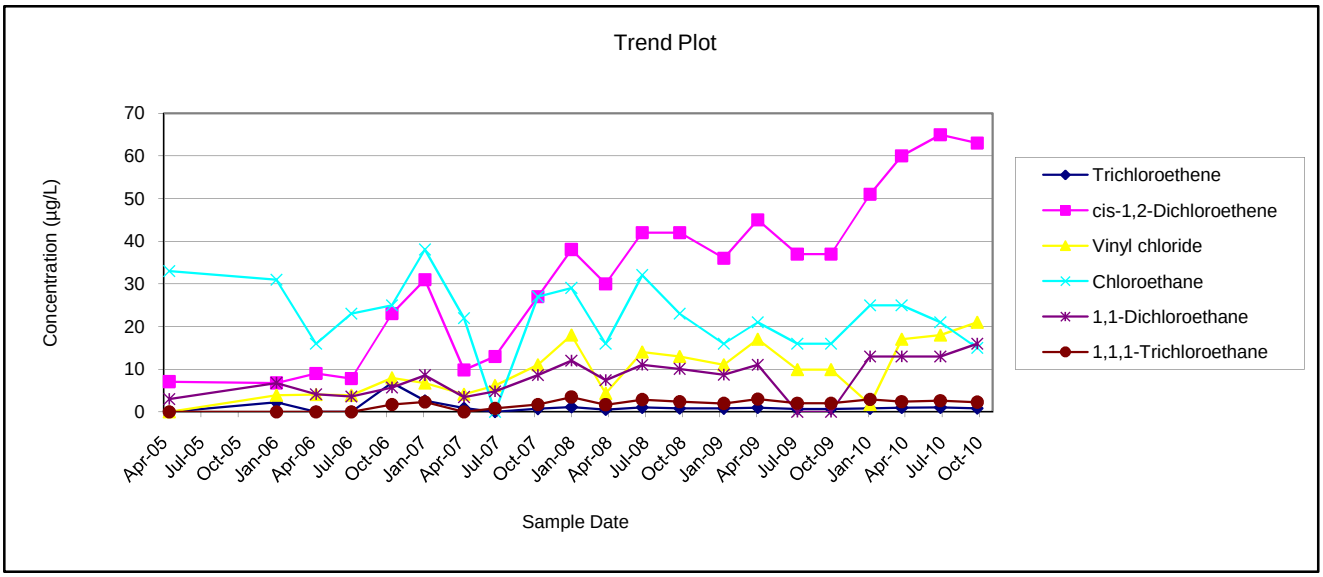
MONITORING WELL MW-10
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	< 10	< 10	<10
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/3/2008	< 5	< 5	< 5	< 5	< 5	< 5
7/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
10/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
1/20/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/15/2009	< 5	< 5	< 5	< 5	< 5	< 5
7/21/2009	< 5	< 5	< 5	< 5	< 5	< 5
10/13/2009	< 5	< 5	< 5	< 5	< 5	< 5
1/18/2010	< 5	< 5	< 5	< 5	< 5	< 5
4/7/2010	< 5	< 5	< 5	< 5	< 5	< 5
7/13/2010	< 5	< 5	< 5	< 5	< 5	< 5
10/11/2010	< 5	< 5	< 5	< 5	< 5	< 5



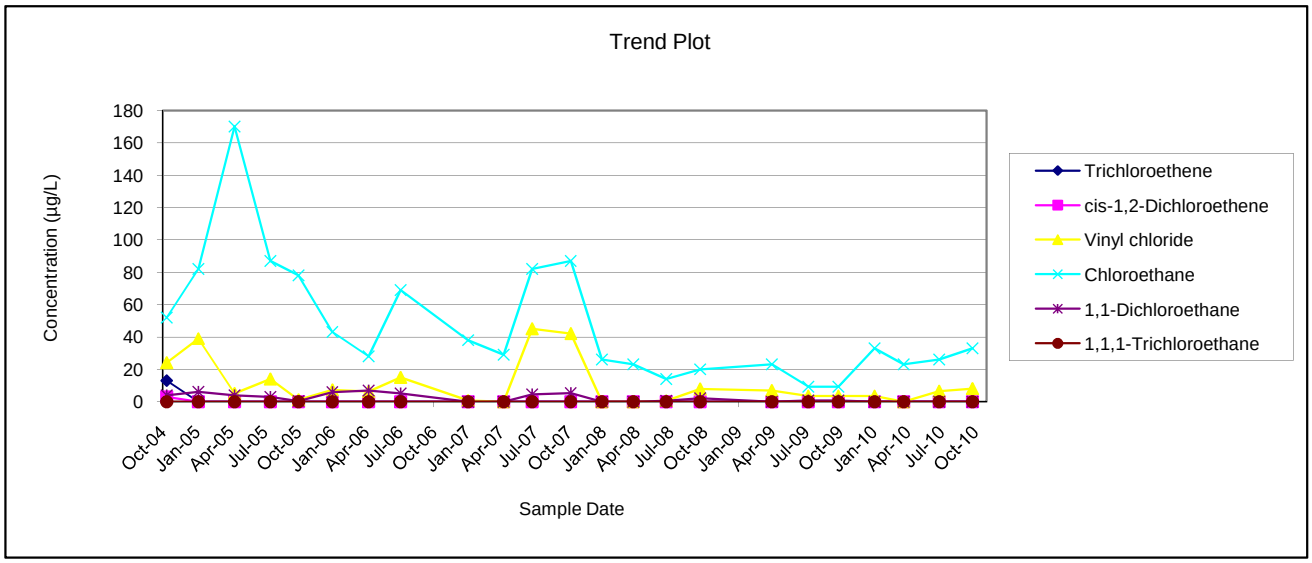
MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	7	< 10	33	3	< 10
1/5/2006	2.2	6.7	3.9	31	6.7	<20
4/14/2006	< 20	9	4	16	4.1	< 20
7/10/2006	< 20	7.8	3.9	23	3.6	< 20
10/19/2006	6.8	23	7.9	25	5.7	1.7
1/9/2007	2.6	31	6.7	38	8.5	2.3
4/16/2007	0.89	9.8	4.1	22	3.4	<5
7/2/2007	< 5	13	6.1	< 5	4.8	0.84
10/16/2007	0.71	27	11	27	8.6	1.7
1/8/2008	1.1	38	18	29	12	3.4
4/2/2008	0.49	30	4.3	16	7.4	1.6
7/1/2008	1	42	14	32	11	2.8
10/2/2008	0.81	42	13	23	10	2.4
1/20/2009	0.77	36	11	16	8.7	1.9
4/14/2009	0.95	45	17	21	11	3
7/22/2009	0.69	37	9.9	16	<5	2
10/13/2009	0.69	37	9.9	16	<5	2
1/18/2010	0.77	51	1.7	25	13	2.9
4/7/2010	0.95	60	17	25	13	2.4
7/12/2010	1	65	18	21	13	2.6
10/11/2010	0.8	63	21	15	16	2.2



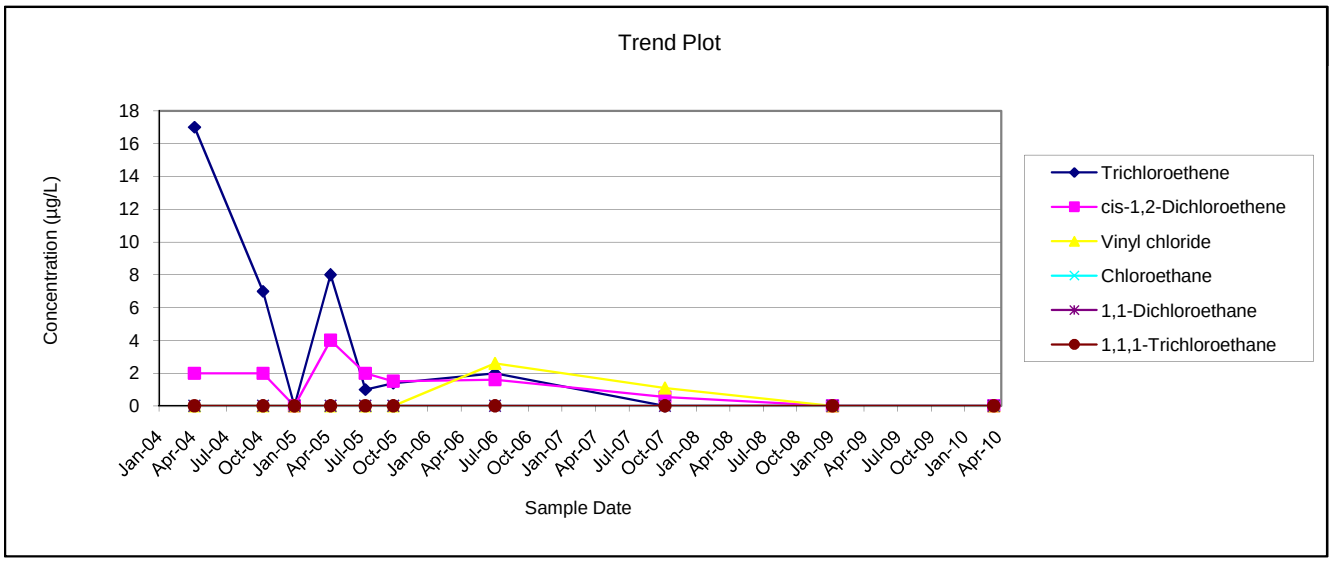
MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/12/2004	13	3	24	52	4	< 10
1/6/2005	< 10	< 10	39	82	6	< 10
4/14/2005	< 10	< 10	5	170	4	< 10
7/21/2005	< 5	< 5	14	87	3	<
10/5/2005	< 5	< 5	1.2	78	0.43	< 5
1/5/2006	< 25	< 25	7.2	43	5.8	< 25
4/14/2006	< 25	< 25	6.3	28	6.9	< 25
7/10/2006	< 25	< 25	15	69	5	< 25
1/9/2007	< 5	< 5	0.83	38	< 5	< 5
4/16/2007	< 20	< 20	< 20	29	< 20	< 20
7/2/2007	< 5	< 5	45	82	4.6	< 5
10/15/2007	< 5	< 5	42	87	5.2	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	< 5	< 5	23	< 5	< 5
7/1/2008	< 5	< 5	0.64	14	0.55	< 5
10/1/2008	< 5	< 5	7.8	20	2.1	< 5
4/14/2009	<5	<5	6.8	23	<5	<5
7/22/2009	<5	<5	3.6	9.2	0.79	<5
10/12/2009	<5	<5	3.6	9.2	0.79	<5
1/18/2010	<5	<5	3.6	33	<5	<5
4/7/2010	<5	<5	< 5	23	<5	<5
7/13/2010	<5	<5	6.4	26	<5	<5
10/11/2010	<5	<5	8.1	33	<5	<5



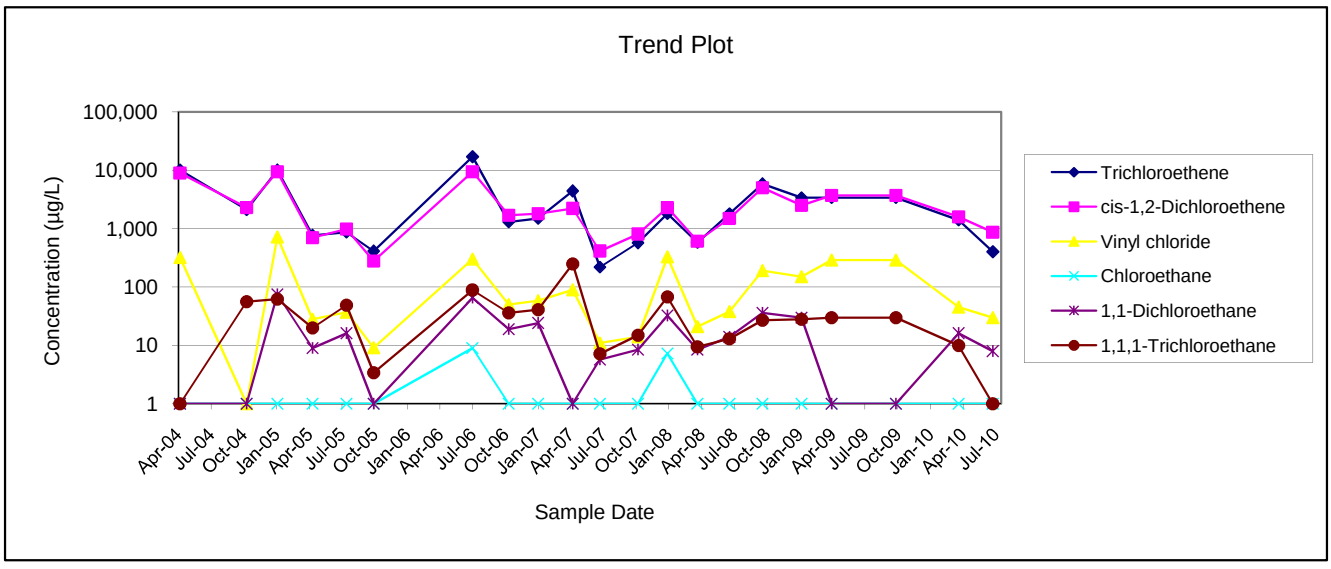
PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	17	2	< 10	< 10	< 10	< 10
10/12/2004	7	2	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/15/2005	8	4	< 10	< 10	< 10	< 10
7/20/2005	1	2	< 5	< 5	< 5	< 5
10/4/2005	1.4	1.5	< 5	< 5	< 5	<5
7/10/2006	2	1.6	2.6	< 5	< 5	< 5
10/18/2007	< 5	0.55	1.1	< 5	< 5	< 5
1/20/2009	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5



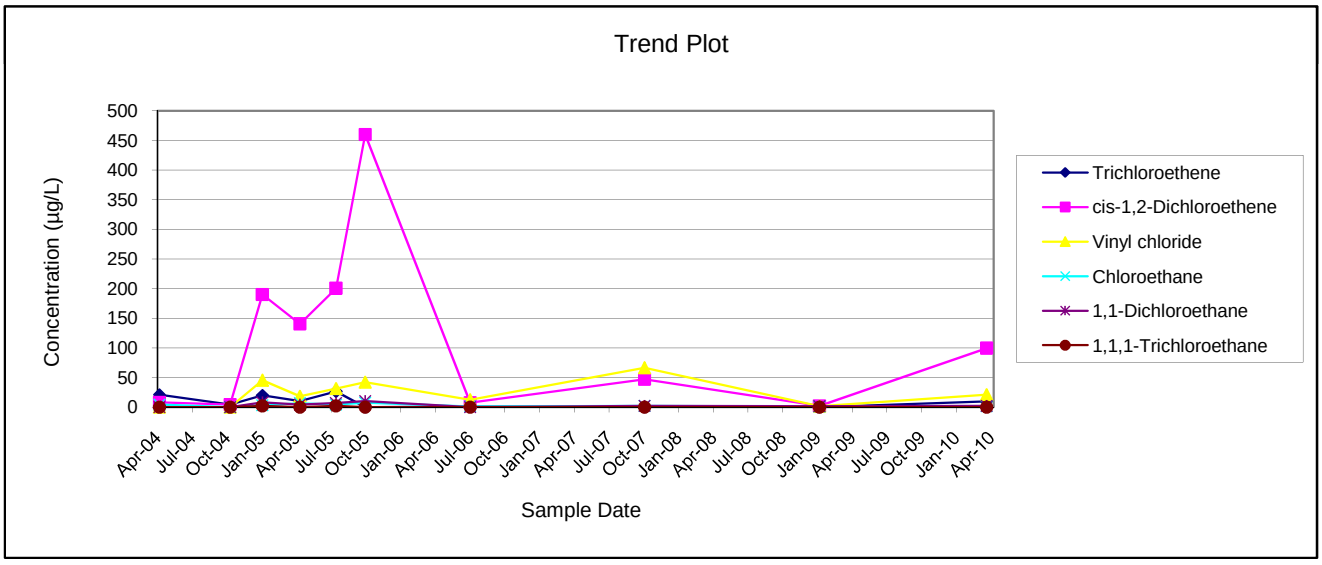
PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 50	9	20
7/20/2005	870	990	37	< 40	16	49
10/4/2005	410	280	9.1	< 40	< 40	3.4
7/10/2006	17,000	9,400	300	9	65	88
10/19/2006	1,300	1,700	50	<100	19	36
1/10/2007	1,500	1,800	58	<100	24	41
4/17/2007	4,400	2,200	90	< 250	< 250	250
7/3/2007	220	410	11	< 25	5.7	7.2
10/18/2007	570	800	14	< 25	8.5	15
1/9/2008	1800	2300	330	7.3	32	68
4/3/2008	580	610	21	<50	8.5	9.5
7/2/2008	1,800	1,500	38	<120	14	13
10/2/2008	5,800	5,000	190	<120	36	27
1/20/2009	3,400	2,500	150	<10	30	28
4/15/2009	3,400	3,700	290	<40	<40	30
10/13/2009	3,400	3,700	290	<40	<40	30
4/7/2010	1,400	1,600	45	<50	16	10
7/13/2010	400	870	30	<50	7.9	<50



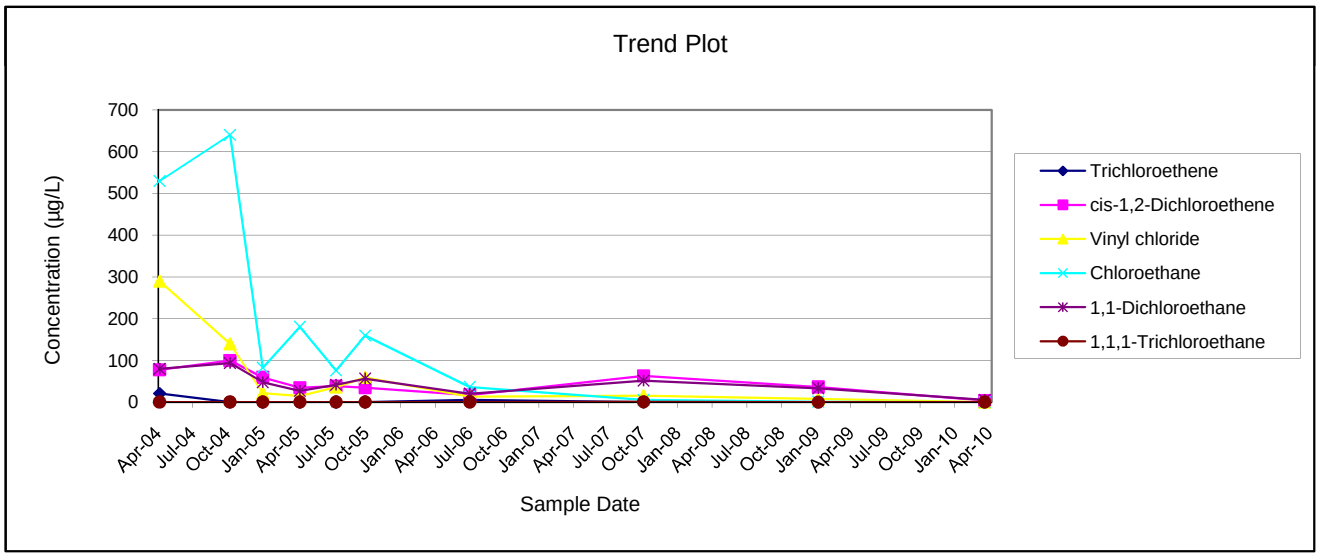
PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	8	< 10	4	< 10	< 10
10/12/2004	4	4	< 10	< 10	< 10	< 10
1/6/2005	20	190	45	3	8	2
4/15/2005	10	140	18	6	4	< 10
7/20/2005	26	200	31	4	7	2
10/5/2005	< 10	460	42	7.2	9.9	<10
7/10/2006	0.96	7.2	12	0.82	< 5	< 5
10/15/2007	< 5	47	66	1.8	2.2	< 5
1/21/2009	<5	2	1.4	0.91	1.3	<5
4/8/2010	9.4	99	21	1.5	2	<5



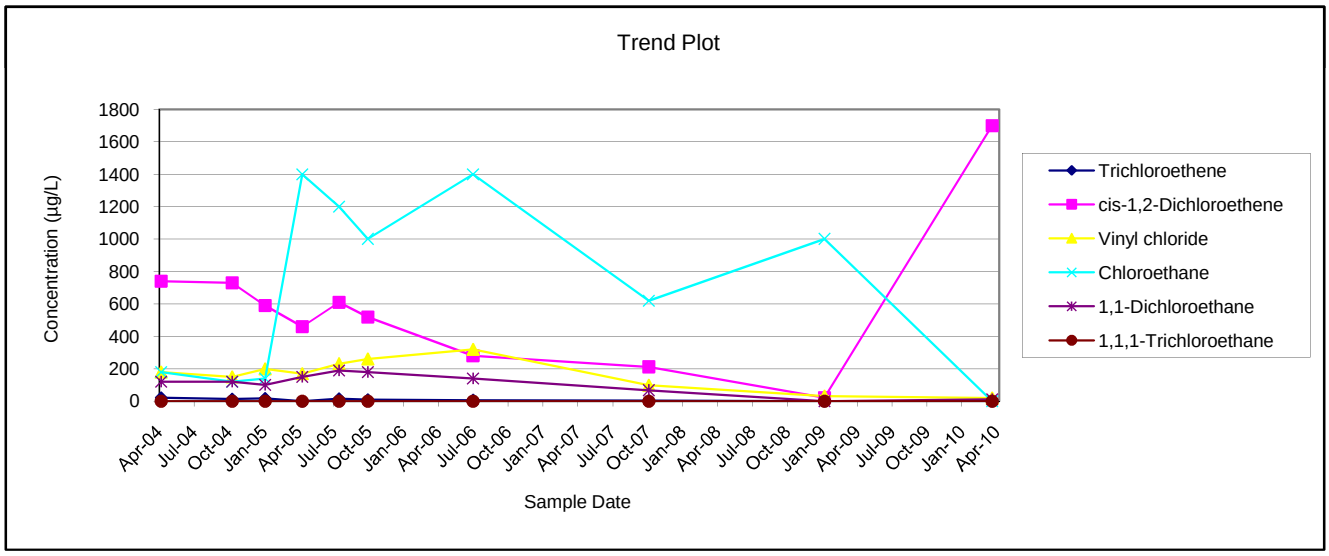
PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	78	290	530	80	< 20
10/12/2004	< 10	100	140	640	94	< 10
1/6/2005	< 10	59	22	82	48	< 10
4/15/2005	< 10	35	15	180	27	< 10
7/20/2005	< 5	39	36	76	42	< 5
10/5/2005	< 5	35	59	160	56	<5
7/10/2006	5.7	17	13	36	20	< 25
10/15/2007	< 5	63	16	5.7	52	1.3
1/21/2009	0.38	36	7.9	0.87	33	0.63
4/8/2010	< 5	4	< 5	0.62	5.9	<5



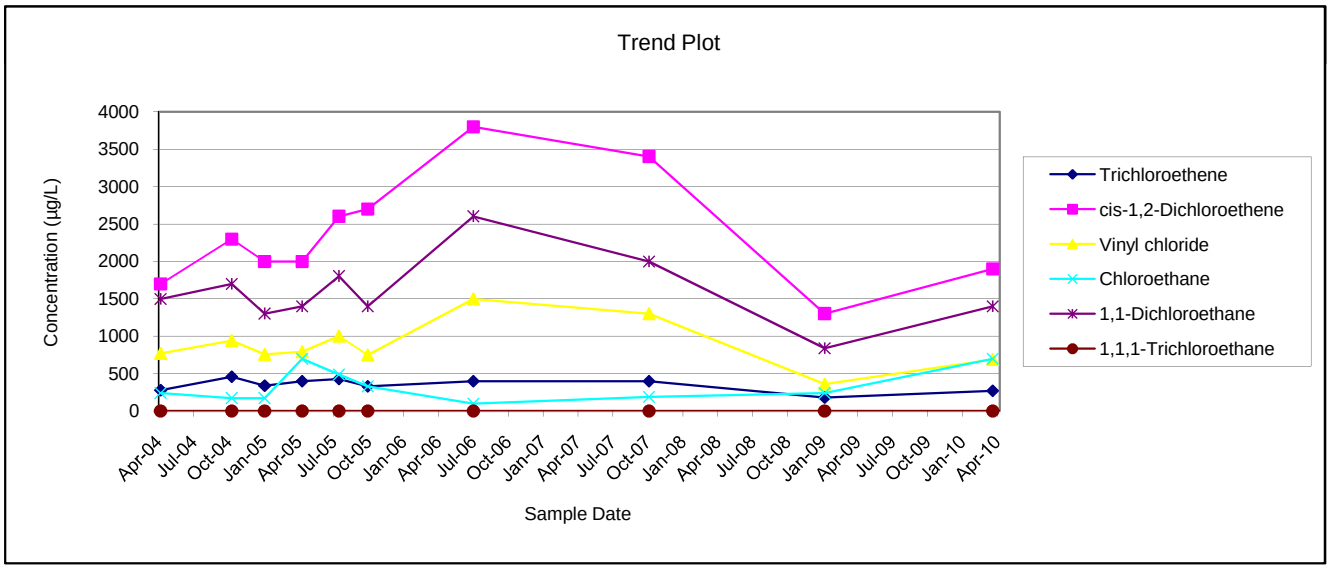
PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	740	180	180	120	< 10
10/12/2004	14	730	150	120	120	< 50
1/7/2005	18	590	200	140	100	< 50
4/15/2005	< 50	460	170	1,400	150	< 50
7/21/2005	15	610	230	1,200	190	< 25
10/5/2005	10	520	260	1,000	180	<50
7/10/2006	4.9	280	320	1,400	140	< 5
10/16/2007	3.6	210	99	620	66	< 5
1/21/2009	<25	22	32	1000	<25	<25
4/8/2010	<5	1700	19	<5	12	<5



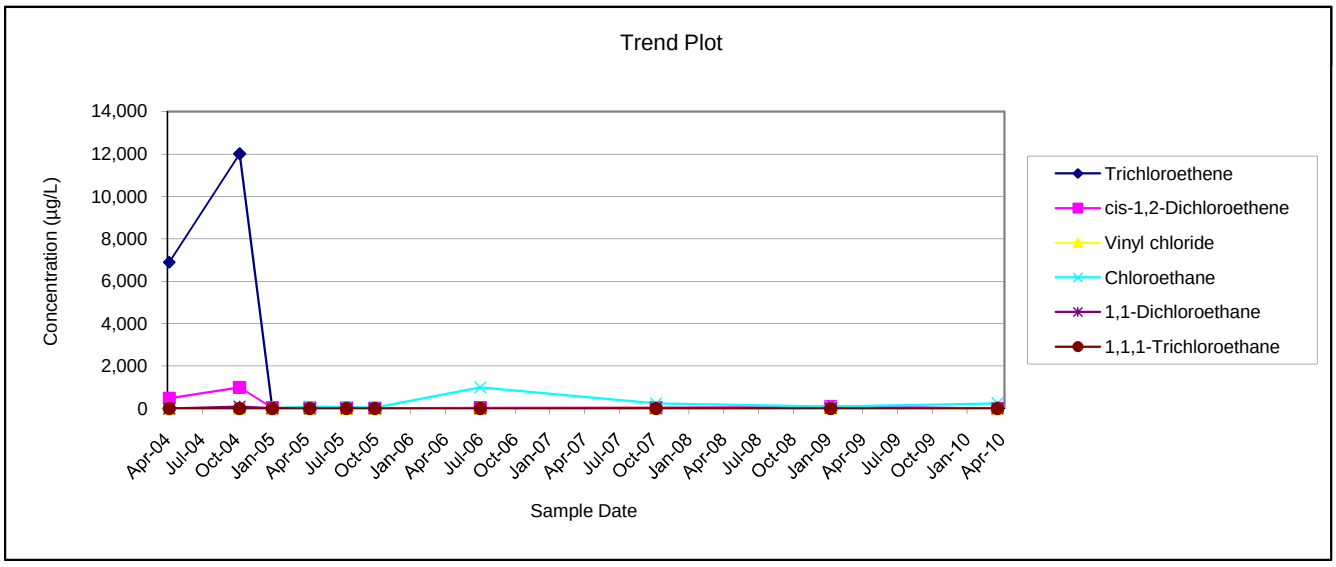
PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	280	1,700	770	240	1,500	< 250
10/12/2004	460	2,300	940	170	1,700	< 250
1/7/2005	340	2,000	760	170	1,300	< 250
4/15/2005	400	2,000	790	700	1,400	< 200
7/21/2005	430	2,600	1,000	490	1,800	< 120
10/5/2005	330	2,700	750	330	1,400	<100
7/10/2006	400	3,800	1,500	100	2,600	< 25
10/16/2007	400	3400	1300	190	2000	< 200
1/21/2009	180	1300	360	240	840	<5
4/8/2010	270	1900	690	700	1400	<10



PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	6,900	490	< 500	< 500	< 500	< 500
10/12/2004	12,000	1,000	< 500	< 500	91	< 500
1/6/2005	9	27	39	22	15	< 10
4/15/2005	32	36	17	100	10	< 10
7/21/2005	25	12	4	84	2	< 10
10/5/2005	1.3	16	10	41	5	<5
7/10/2006	6.1	27	21	1,000	9.7	< 5
10/18/2007	6	48	39	250	16	< 20
1/22/2009	52	92	39	90	21	1.9
4/8/2010	12	6.9	3.6	240	8.7	< 10



PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	< 20,000	< 20,000	5,000	14,000
10/12/2004	200,000	46,000	< 10,000	< 10,000	2,900	< 10,000
1/7/2005	420,000	64,000	< 10,000	< 10,000	3,800	3,300
4/15/2005	400,000	71,000	< 25,000	< 25,000	< 25,000	< 25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	< 25,000	< 25,000	4,100	< 25,000
1/6/2006	470,000	82,000	2,600	< 20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	< 20,000	2,600	< 20,000
7/10/2006	310,000	78,000	4,000	< 20,000	3,500	< 20,000
10/19/2006	77,000	22,000	1,300	< 5,000	940	< 5,000
1/10/2007	44,000	18,000	1,900	< 2,500	840	< 2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	< 5,000
7/3/2007	86,000	38,000	3,000	< 5,000	1,400	< 5,000
10/18/2007	130000	47000	2800	2600	1600	820
1/8/2008	67000	30000	3200	< 5000	1100	< 5000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	<5000
10/2/2008	63,000	26,000	3,100	690	920	<5000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	<2000	1,800	900
7/22/2009	87,000	45,000	3,000	650	1,500	740
1/19/2010	22,000	18,000	2,600	1,100	670	340
4/8/2010	220,000	99,000	6,800	1,100	3,000	2,000
10/11/2010	300,000	90,000	6,300	<20,000	3,100	5,000