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August 22, 2016

Mr. Glenn May
New York State Department of Environmental Conservation, Region 9
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**Subject: Fiscal Third Quarter 2016 Groundwater Monitoring Report (04/07/16 – 07/05/16)
July 2016 Sampling Event
Former Scott Aviation Facility – West of Plant 2
Lancaster, New York
NYSDEC Site Code No. 9-15-149**

Dear Mr. May:

On behalf of Scott Figgie LLC (successor to Scott Technologies, Inc.), AECOM Technical Services, Inc. (AECOM) is pleased to provide this Fiscal Third Quarter 2016 Groundwater Monitoring Report for the former Scott Aviation Facility – West of Plant 2 area (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 facility (formerly Figgie International), NYSDC Site Code No. 9-15-149. This report has been developed in accordance with the NYSDC 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 for groundwater monitoring requirements. A new monitoring schedule was implemented based on Table 11 presented in the Periodic Review Report (PRR) (April 7, 2015 through April 7, 2016), dated July 2016, and the wells sampled during this groundwater monitoring event reflect this schedule (with the addition of wells for monitoring the performance of the November 2014 injection pilot study as discussed below). Additionally, a vapor sample was collected from the air stripper discharge sampling port as part of the July 2016 sampling event, to ensure that the treated system effluent was in compliance with NYSDC 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 groundwater 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 in 2004, and the facility is now occupied by AVOX Systems Inc. (AVOX). 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. Due to an organizational change, Scott Figgie LLC has replaced Scott Technologies, Inc. as the entity responsible for the remediation of the subject site. Scott Figgie 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 (NYSDEC approval dated 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 to NYSDEC on November 21, 2003, and the document was approved by NYSDEC on January 5, 2004.

Per the approved RDWP, a DPE remediation system was installed at the site during the period 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, DPE recovery wells and system piping, enclosed DPE system trailer, and 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 as-built design, combined DPE remediation system start-up, O&M activities, and quarterly monitoring data, and to provide recommendations for continued system operation, system optimization, sampling frequency, and O&M. The 2005 RAER was submitted to NYSDEC on November 11, 2005. In a letter dated December 13, 2005, NYSDEC accepted the 2005 RAER and requested that site monitoring wells MW-4, MW-8R, and MW-16S be added to the quarterly site sampling schedule.

The second year of combined DPE groundwater remediation system operation was summarized in the 2006 RAER (July 20, 2005 through July 20, 2006) and was submitted to NYSDEC in November 2006. The third year of combined DPE groundwater remediation system operation was summarized in the 2007 RAER (July 21, 2006 through October 15, 2007) and was submitted to NYSDEC in January 2008. The fourth year of combined DPE groundwater remediation system operation was summarized in the 2008 RAER (October 15, 2007 through January 22, 2009) and was submitted to NYSDEC in April 2009. The fifth year of combined DPE groundwater remediation system operation was summarized in the 2009 RAER (January 22, 2009 through April 8, 2010) and was submitted to NYSDEC in June 2010.

Per a letter from NYSDEC dated August 16, 2010, an Institutional Controls/Engineering Controls (IC/EC) certification will, as of that correspondence, be required for the site each calendar year, and it is to include four quarters of groundwater sampling based on the attached **Table 1** (Table 1 is updated quarterly; the attached Table 1 presents the groundwater monitoring schedule for the site from October 2016 through April 2017). The August 2010 NYSDEC letter also stated that, as of that correspondence, the RAER should be revised into a Periodic Review Report (PRR). Therefore,

the sixth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 8, 2010 through April 7, 2011) and submitted to NYSDEC in June 2011. The seventh year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2011 through April 3, 2012) and submitted to NYSDEC in May 2012. The eighth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 3, 2012 through April 3, 2013) and submitted to NYSDEC in July 2013. The ninth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 3, 2013 through April 7, 2014) and submitted to NYSDEC in July 2014. The tenth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2014 through April 7, 2015) and submitted to NYSDEC in July 2015. During the past year, the eleventh PRR (April 7, 2015 through April 7, 2016) was completed and submitted to NYSDEC on July 22, 2016. An IC/EC certification was included with each PRR with the exception of the two most recent PRRs; NYSDEC informed AECOM via email on both occasions, that an IC/EC certification form was not auto-generated by the NYSDEC and to submit the PRRs without an EC/IC certification.

Quarterly Groundwater Monitoring Activities – July 2016

AECOM personnel collected quarterly groundwater samples on July 5-8, 2016, in accordance with the procedures outlined in the NYSDEC-approved November 2003 RDWP and the August 2010 letter. July 2016 groundwater samples were collected from monitoring wells MW-2, MW-3, MW-4, MW-6, MW-8R, MW-10, MW-11, MW-12, MW-13S, MW-13D, MW-16S, MW-16D, the GWCT, and the DPE wells (**Figure 2**). Field forms generated during this sampling event are provided in **Appendix A**. Groundwater samples were analyzed for VOCs by TestAmerica Laboratories, Inc. (Amherst, New York) using United States Environmental Protection Agency (EPA) SW-846 Method 8260C.

Prior to the collection of groundwater samples, a complete round of groundwater levels was measured in all site wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on July 5, 2016. A summary of current and historical groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair is provided in **Appendix B**. Monitoring wells MW-2, MW-3, MW-4, MW-6, MW-8R, MW-9, MW-10, and 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 piezometer (average of shallow and deep piezometers) water elevation data collected on July 5, 2016.

Groundwater elevations measured on July 5, 2016 ranged from 683.56 feet above mean sea level (AMSL) at MW-15S to 679.24 feet AMSL at MW-11. The average groundwater surface elevation across the site was 3.06 feet higher when compared to the prior round of groundwater elevation measurements collected in April 2016. The rise in groundwater elevations may be attributable to issues with GWCT pump and/or conveyance piping being slightly plugged; note the level of water in the GWCT manhole was approximately 11.6 feet higher than in April 2016. Because of the in-situ bioremediation treatment, the DPE system was not running during the July 2016 sampling event or during the 20 months prior to that event. Based on the July 2016 water level measurements, the groundwater surface beneath the site exhibits slight mounding at the GWCT. Note a stormwater swale is located adjacent to the GWCT (west side) and may contribute to the mounding.

Groundwater Quality Results – July 2016

Tables 3, 4 and 5 summarize VOC data for groundwater samples collected in July 2016 from the monitoring wells and piezometers, DPE wells, and GWCT respectively. 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, Rules, and Regulations (NYCRR), Title 6, Parts 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]). Note, consistent with previous quarterly reports, the table below summarizes only monitoring wells and piezometers (GWCT and DPE well results are not included).

Groundwater Quality Results July 2016

VOCs Detected in Groundwater	Concentration Range (micrograms per liter)	Number of Detections	RAO/NYCRR Exceedances
Vinyl Chloride	3.4 – 80,000	8	7
1,1-Dichloroethane	2.8 – 2,000	7	5
Chloroethane	1.9 – 870	6	4
cis-1,2-Dichloroethene	1.3 – 530	5	3
Acetone	3.7 – 200	4	2
2-Butanone	34 – 750	3	3
Toluene	6.8 – 23	2	2
trans-1,2-Dichloroethene	38	1	1
Trichloroethene	24	1	1

Nine VOCs were detected in groundwater from monitoring wells and piezometers sampled above their associated detection limit during the monitoring period. Nine of the nine VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria; note that two laboratory cleaning compounds, acetone and 2-butanone, were detected in five of the nine samples. The occurrences of COCs were detected 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 July 2016 groundwater monitoring event is provided in **Appendix C**. A complete hard copy of the analytical data report can be made available to NYSDEC upon request.

The single detection of trichloroethene (TCE) [1,1,1-trichloroethane (1,1,1-TCA) was not detected] in the groundwater samples and the presence and distribution of TCE daughter products cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC), and 1,1,1-TCA daughter products 1,1-dichloroethane (1,1-DCA) and chloroethane, provides supportive evidence that the attenuation of TCE and 1,1,1-TCA and its daughter products continues to occur on the site, via reductive dechlorination. The occurrence of these daughter products appears to be directly related to the historic distribution of TCE and 1,1,1-TCA in the subsurface. In addition, the large drop in TCE and 1,1,1-TCA concentrations between Second Quarter 2016 and the current reporting period can be attributed to the injection pilot test performed in November 2014 and in April/May 2015 using the injectate Anaerobic BioChem and zero valent iron (ABC+[®]) (refer to the NYSDEC-approved 2014

Injection Pilot Test Work Plan dated November 6, 2014 and NYSDEC-approved 2015 addendum to the 2014 Injection Pilot Test Work Plan dated April 28, 2015 for details of the injection program).

Historical trend plots for the wells sampled during this quarter for concentrations of TCE, cis-1,2-DCE, VC, 1,1,1-TCA, 1,1-DCA, and chloroethane are provided in **Appendix D**. As stated above, the VOC concentrations in groundwater continue to show a degradation trend as a result of naturally occurring reductive dechlorination processes, and as a result of the injection pilot tests. Additionally, historical concentrations of 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 nine monitoring wells and piezometers sampled in July 2016 is included in **Table 6**. Recall that the DPE component of the combined remediation system was started May 14, 2004 and the injection of ABC+[®] occurred in November 2014 and April/May 2015. In addition, a chemical oxidation injection pilot test was performed between July and October 2010, and a second series of chemical oxidation injections was performed between June and October 2011.

During this quarterly groundwater monitoring period, and consistent with previous monitoring periods, TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, MW-6, MW-10, MW-11 and MW-12.

Table 6 shows a summary of historical and current TCE concentrations. Based on the July 2016 groundwater data, there was one detection of TCE (MW-8R); this detection represents a 99.9% decrease to the baseline concentration of TCE at this location. It is important to note that the November 2014 injections were centered on MW-4 and MW-8R while the April/May 2015 injections included an expanded area which also included MW-13S/D and MW-16S/D. Overall, decreases in TCE concentrations observed since the combined DPE groundwater remediation system was installed in May 2004 indicates the system continues to reduce VOC concentrations in overburden groundwater and soil at the site.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – July 2016

AECOM personnel collected vapor effluent samples from the combined groundwater remediation system vapor discharge stacks on July 4, 2016. Note: the DPE system was not operational during this sampling event due to the injection treatment and, therefore, a vapor sample was not collected from the liquid ring pump (LRP) effluent stack. A Summa canister was used to collect the vapor sample from the permanent sample port located on the air stripper (AS) discharge stack. **Figure 3** shows the location of the vapor sample ports. The vapor sample was analyzed for VOCs using EPA Method TO-15 by TestAmerica Laboratories, Inc., Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – July 2016

The system vapor effluent results are summarized in **Table 7**, 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 Buffalo, New York office). Fourteen VOCs were detected in the AS unit effluent. The total VOCs discharged were 328 micrograms per cubic meter in the AS unit effluent. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.00025 pounds per hour (lb/hr), which is below the NYSDEC discharge guidance value of 0.5 lb/hr.

Combined DPE Remediation System Operation and Maintenance

During the reporting period, AECOM monitored system performance, conducted routine O&M, and responded to system alarms and periodic breakdowns of the combined DPE remediation system.

The DPE remediation system was intentionally left off throughout the monitoring period due to the April/May 2015 injection treatment; the GWCT remained operational. Based on a system operational period from April 7, 2016 (Second Quarter groundwater sampling event) to July 5, 2016, the total combined DPE system runtime was 0 percent. The GWCT ran continuously although the flow was low due to biological growth building up in the GWCT pump and conveyance piping. During this operational period, the estimated total volume of groundwater treated and discharged by the AS unit to the local sanitary sewer was 76,456 gallons at an average flow rate of 0.58 gallons per minute.

Summary

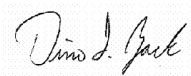
Although the DPE system was down to accommodate the April/May 2015 injection pilot test, the GWCT was operational during Third Quarter 2016 groundwater sampling and monitoring activities that occurred on July 4-8, 2016. TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, MW-6, MW-10, MW-11, and MW-12. Following the November 2014 injection pilot test and the April/May 2015 injection treatment, very significant reductions in TCE concentrations have been measured at MW-4, MW-8R, MW-13S, and MW-16S.

Based on the results of the July 2016 sampling event, the GWCT 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 system during the Third Quarter 2016 were less than the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event is scheduled for October 2016; 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) 923-1125 or via e-mail at dino.zack@aecom.com.

Yours sincerely,

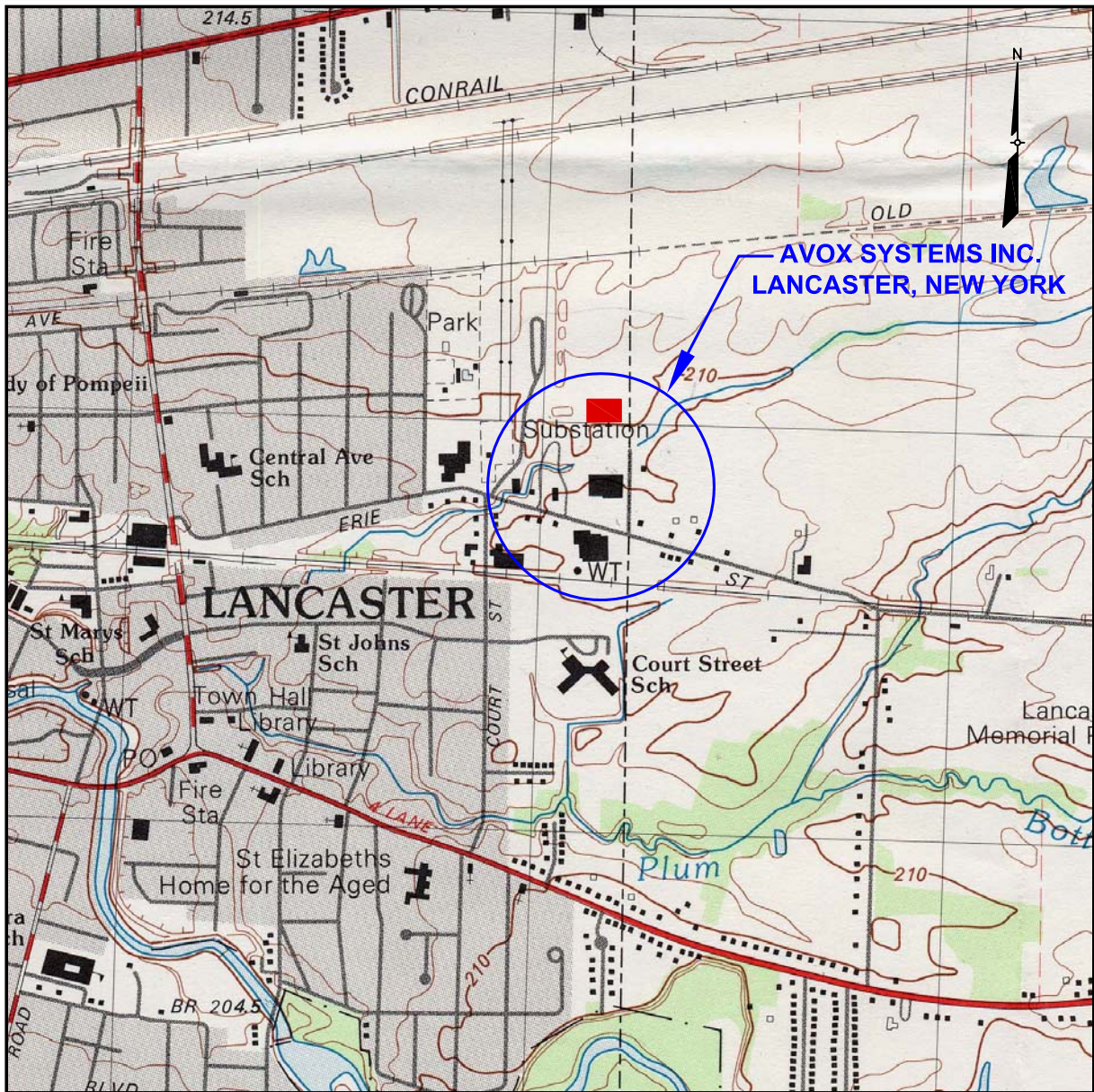


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\Enclosures

cc: Stuart Rixman, GSF Management Company LLC (Electronic copy)
 Troy Chute, GSF Management Company LLC (Electronic copy)
 Jennifer Davide, AVOX Systems Inc. (Electronic Copy)
 AECOM Project 60314190 File (Electronic 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.

0 1000 2000
SCALE IN FEET

AECOM

**FIGURE 1
SITE LOCATION MAP**

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

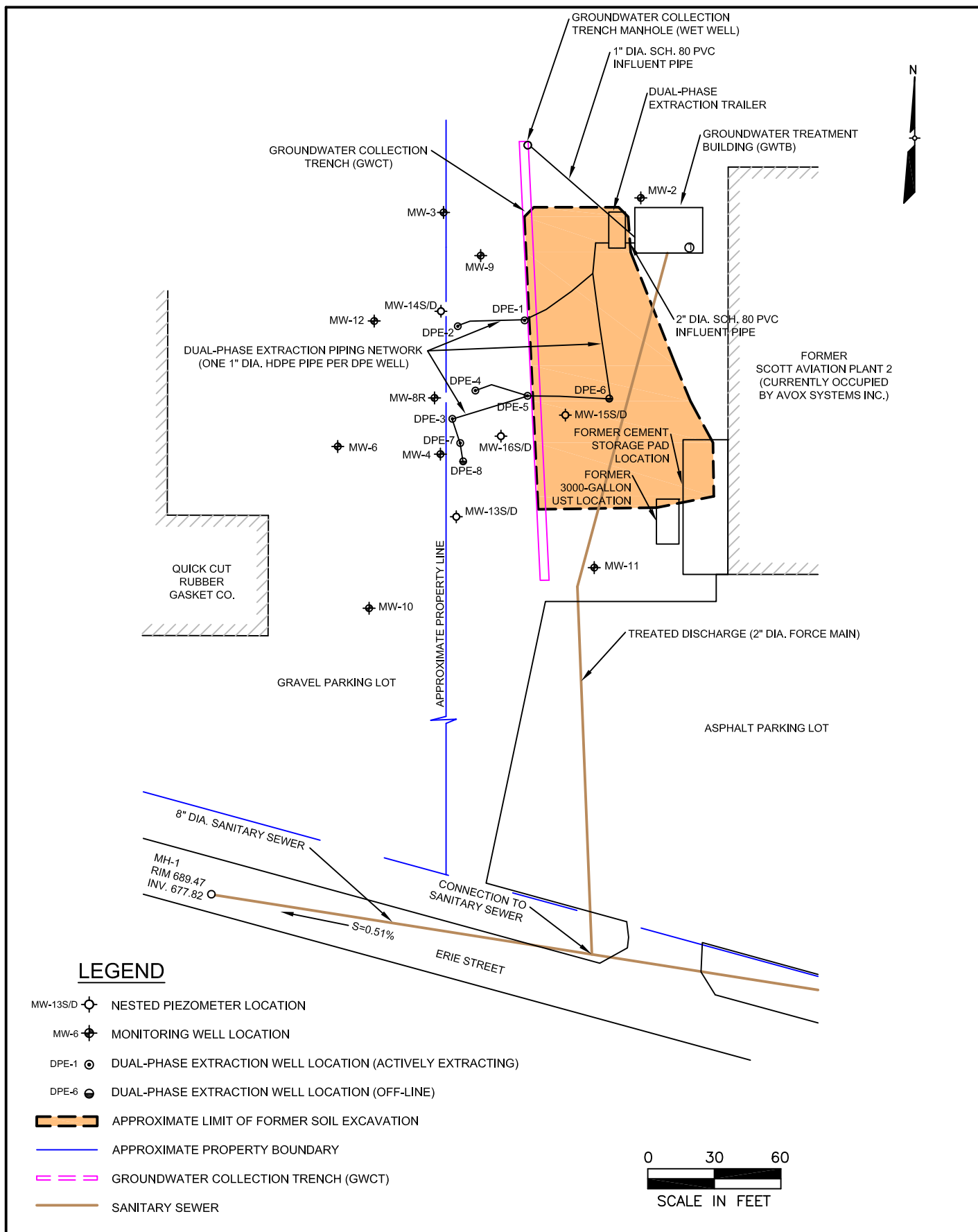
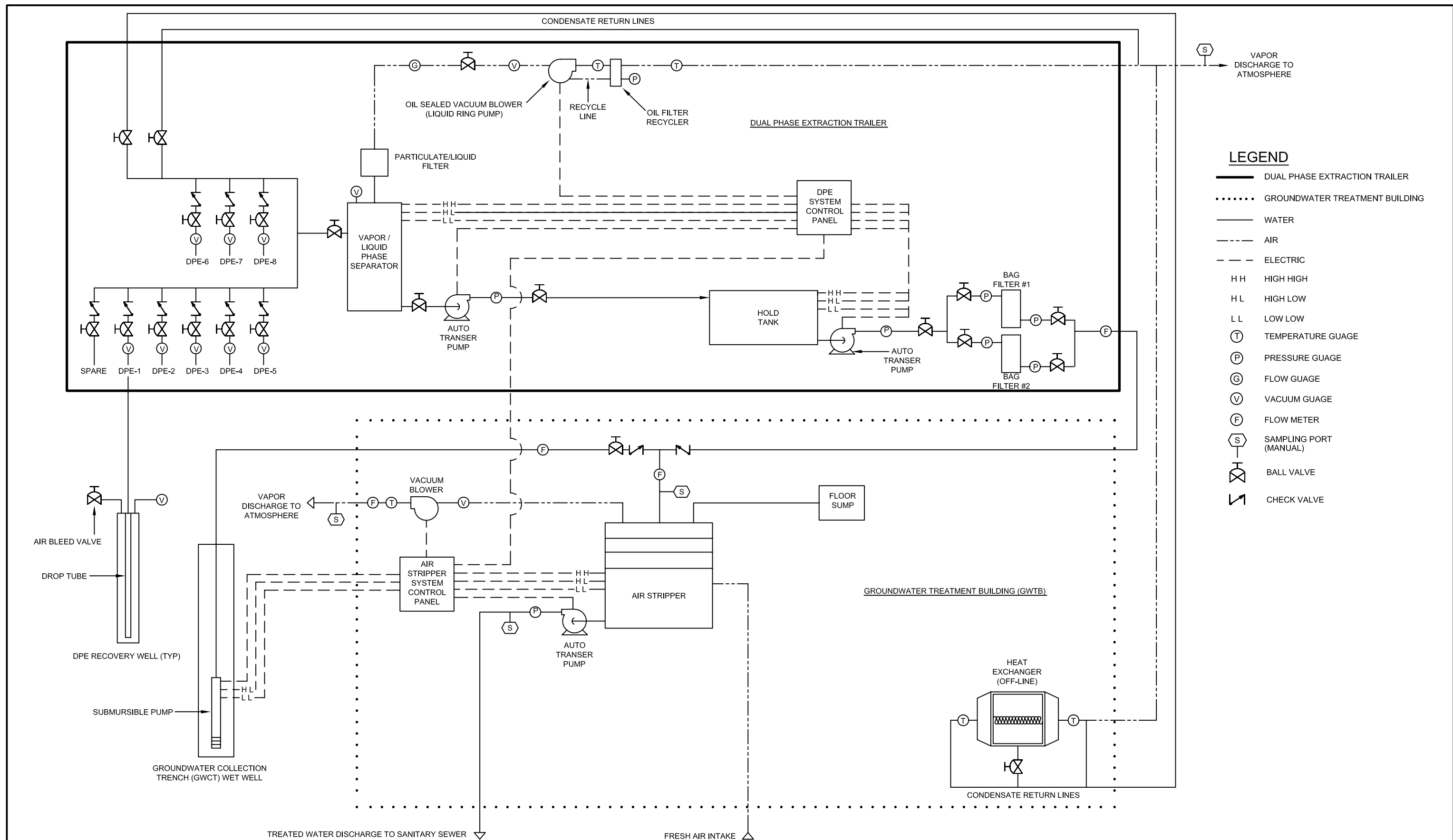


FIGURE 2
SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



AECOM

FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM
FOR COMBINED DUAL PHASE EXTRACTION
REMEDICATION SYSTEM
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK

Quarterly Groundwater Monitoring Water Level Data - July 5, 2016
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	688.68	5.56	683.12
MW-3	687.05	5.86	681.19
MW-4	686.50	4.94	681.56
MW-6	686.46	5.73	680.73
MW-8R	686.29	4.99	681.30
MW-9	689.57	7.41	682.16
MW-10	687.70	5.77	681.93
MW-11	688.61	9.37	679.24
MW-12	686.19	4.29	681.90
Nested Piezometers			
MW-13S	686.65	3.90	682.75
MW-13D	686.78	5.06	681.72
MW-14S	685.88	3.80	682.08
MW-14D	685.74	4.67	681.07
MW-15S	687.17	3.61	683.56
MW-15D	687.37	5.85	681.52
MW-16S	688.15	5.23	682.92
MW-16D	688.16	6.49	681.67
Remedial System			
GWCT Manhole (rim)	687.22	6.31	680.91

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



GRAVEL PARKING LOT

MW-6
[680.73]

MW-10
[681.93]

MW-12
[681.90]

MW-13S/D
(S) [682.75]
(D) [681.72]
(AVG) [682.84]

MW-4
[681.56]

MW-8R
[681.30]

MW-14S/D
(S) [682.08]
(D) [681.07]
(AVG) [681.58]

APPROXIMATE PROPERTY LINE

MW-3
[681.19]

MW-9
[682.16]

DPE-2

DPE-3

DPE-7

DPE-8

DPE-1

DPE-4

DPE-5

MW-16S/D
(S) [682.92]
(D) [681.67]
(AVG) [682.30]

MW-11
[679.24]

MW-15S/D
(S) [683.56]
(D) [681.52]
(AVG) [682.54]

MW-2
[683.12]
GROUNDWATER TREATMENT BUILDING (GWTB)
DPE TRAILER

FORMER SCOTT AVIATION PLANT 2

ASPHALT PARKING LOT

LEGEND

- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [680.73] GROUNDWATER SURFACE ELEVATION IN FEET MSL
- 680 ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET MSL (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

- GROUNDWATER ELEVATIONS WERE AVERAGED AT SHALLOW AND DEEP PIEZOMETER PAIR LOCATIONS (e.g. MW-15S/D) TO COMPARE TO ELEVATIONS MEASURED IN WELLS SCREENED ACROSS THE ENTIRE OVERBURDEN THICKNESS.
- GROUNDWATER WATER LEVELS WERE COLLECTED ON JULY 5, 2016.



FIGURE 4
GROUNDWATER SURFACE CONTOUR MAP
JULY 2016
AVERAGE OVERBURDEN GROUNDWATER ELEVATIONS
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

TABLES

Table 1

Groundwater Monitoring Schedule - October 2016 through July 2017
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Event Date	Number of Locations Scheduled for Sampling	Lcoations Scheduled for Sampling			
Quarterly Groundwater Monitoring					
October 2016	20	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-10	MW-11	MW-12
		MW-13S	MW-13D	MW-16S	MW-16D
		DPE-1	DPE-2	DPE-3	DPE-4
		DPE-5	DPE-7	DPE-8	GWCT
January 2017	20	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-10	MW-11	MW-12
		MW-13S	MW-13D	MW-16S	MW-16D
		DPE-1	DPE-2	DPE-3	DPE-4
		DPE-5	DPE-7	DPE-8	GWCT
July 2017	20	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-10	MW-11	MW-12
		MW-13S	MW-13D	MW-16S	MW-16D
		DPE-1	DPE-2	DPE-3	DPE-4
		DPE-5	DPE-7	DPE-8	GWCT
Comprehensive Annual Groundwater Monitoring					
April 2017	25	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	DPE-1	DPE-2	DPE-3
		DPE-4	DPE-5	DPE-7	DPE-8
		GWCT			

Notes:

MW-## - Monitoring Well

MW-##S - Shallow Piezometer

MW-##D - Deep Piezometer

DPE-## - Dual Phase Extraction Well

GWCT - Groundwater Collection Trench

Table 2

**Quarterly Groundwater Monitoring Water Level Data - July 5, 2016
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	5.56	684.79
MW-3	687.02	5.86	681.16
MW-4	686.42	4.94	681.48
MW-6	686.53	5.73	680.80
MW-8R	686.21	4.99	681.22
MW-9	688.64	7.41	681.23
MW-10	687.41	5.77	681.64
MW-11	688.65	9.37	679.28
MW-12	686.15	4.29	681.86
Nested Piezometers			
MW-13S	686.60	3.90	682.70
MW-13D	686.73	5.06	681.67
MW-14S	685.70	3.80	681.90
MW-14D	685.82	4.67	681.15
MW-15S	687.52	3.61	683.91
MW-15D	687.62	5.85	681.77
MW-16S	686.40	5.23	681.17
MW-16D	686.40	6.49	679.91
Remedial System			
GWCT Manhole (rim)	687.19	6.31	680.88

Notes:

TOC - Top of Casing

AMSL - Above Mean Sea Level

Table 3

**Summary of July 2016 Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID	Groundwater	MW-2	MW-3	MW-4	MW-6	MW-8R	MW-10	MW-11	MW-12
Date Collected	RAO/ NYCRR	480-102662-3	480-102662-3	480-102824-9	480-102824-1	480-102824-8	480-102824-2	480-102662-5	480-102662-7
Lab Sample ID	Objective	7/5/2016	7/5/2016	7/8/2016	7/7/2016	7/8/2016	7/7/2016	7/5/2016	7/6/2016
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane (1,1-DCA)	5*	1.0 U	2.8	130	1.0 U	160	1.0 U	1.3	5.0 U
2-Butanone (MEK)	50	10 U	10 U	180 J	10 U	34 J	10 U	10 U	50 U
Acetone	50	3.7 J	10 U	65 J	10 U	200 U	10 U	10 U	43 J
Chloroethane	5*	1.0 U	1.9	870 F1	1.0 U	20 U	1.0 U	1.0 U	4.7 J
cis-1,2-Dichloroethene (cis-1,2-DCE)	5*	1.0 U	1.3	30	1.0 U	530	1.0 U	1.3	5.0 U
Toluene	5*	1.0 U	1.0 U	20 U	1.0 U	23	1.0 U	1.0 U	5.0 U
trans-1,2-Dichloroethene (trans-1,2-DCE)	5	1.0 U	1.0 U	38	1.0 U	20 U	1.0 U	1.0 U	5.0 U
Trichloroethene (TCE)	5*	1.0 U	1.0 U	20 U	1.0 U	24	1.0 U	1.0 U	5.0 U
Vinyl chloride (VC)	5*	1.0 U	6.9	95	1.0 U	820	1.0 U	3.4	9.4
Total Volatile Organic Compounds	NA	3.7	12.9	1,408	0.0	1,591	0.0	8.0	57

Table 3

**Summary of July 2016 Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID	Groundwater	MW-13S	MW-13D	MW-16S	MW-16D
Date Collected	RAO/ NYCRR	480-102662-11	480-102662-12	480-102662-1	480-102662-2
Lab Sample ID	Objective	7/6/2016	7/6/2016	7/5/2016	7/5/2016
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1-Dichloroethane (1,1-DCA)	5*	4.0 U	7.8 J	2,000	33
2-Butanone (MEK)	50	750	100 U	20,000 U	100 U
Acetone	50	200	100 U	20,000 U	100 U
Chloroethane	5*	35	51	2,000 U	320
cis-1,2-Dichloroethene (cis-1,2-DCE)	5*	4.0 U	34	2,000 U	10 U
Toluene	5*	4.0 U	6.8	2,000 U	10 U
trans-1,2-Dichloroethene (trans-1,2-	5	4.0 U	10 U	2,000 U	10 U
Trichloroethene (TCE)	5*	4.0 U	10 U	2,000 U	10 U
Vinyl chloride (VC)	5*	4.0 U	360	80,000	13
Total Volatile Organic Compounds	NA	985	653	82,000	366

Notes:

Bold font indicates the analyte was detected.

Bold font and bold outline indicates the screening criteria was exceeded.

* Site-specific RAO per ROD (November 1994)

J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentrations within this range are estimated.

U - Not detected at or above reporting limit.

Table 4

Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-1	DPE-1	DPE-1	DPE-2	DPE-2	DPE-2	DPE-3	DPE-3	DPE-3	DPE-3	DPE-3
Date Collected	RAO/ NYCRR	04/17/14	04/06/16	07/06/16	04/17/14	04/06/16	07/06/16	04/17/14	07/24/15	10/21/15	04/06/16	07/07/16
Lab Sample ID	Objective	480-58303-1	480-97989-10	480-102662-9	480-58303-6	480-97989-11	480-102662-8	480-58303-2	480-84562-16	480-89674-15	480-97989-12	480-102824-3
Volatile Organic Compounds by Method 8260 (µg/L)												
1,1,1-Trichloroethane	5*	10 U	20 U	10 U	5 U	5 U	5 U	43	10 U	20 U	5 U	10 U
1,1-Dichloroethane	5*	69	130	10 U	4.4	5 U	5 U	42	24	20 U	5 U	10 U
1,1-Dichloroethene	5	10 U	20 U	10 U	5 U	5 U	5 U	26	3.1 J	20 U	5 U	10 U
1,2-Dichloroethane	0.6	10 U	20 U	10 U	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U
2-Butanone (MEK)	50	140	200 U	100 U	50 U	50 U	50 U	50 U	610	220	50 U	100 U
Acetone	50	310	200 U	100 U	50 U	50 U	50 U	50 U	110	110 J	50 U	100 U
Benzene	1	10 U	20 U	10 U	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U
Carbon Disulfide	60	10 U	20 U	10 U	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U
Chloroethane	5*	15	20 U	10 U	5 U	5 U	5 U	10 U	23	20 U	5 U	10 U
Chloromethane	5	10 U	18 J	10 U	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U
cis-1,2-Dichloroethene	5*	71	130	10 U	240	5 U	5 U	2,700	650	70	18	8.7 J
Methylene Chloride	5	10 U	20 U	10 U	5 U	5 U	5 U	10 U	6.1 J	20 U	7.5	10 U
Toluene	5*	18	29	10 U	5 U	5 U	5 U	8.0 J	8.4 J	20 U	5 U	10 U
trans-1,2-Dichloroethene	5	10 U	20 U	10 U	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U
Trichloroethene	5*	23	18 J	10 U	5.9	5 U	5 U	6,500	10 U	20 U	5 U	10 U
Vinyl chloride	5*	15	31	10 U	54	5 U	5 U	120	240	20 U	12	43

Table 4

**Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID	Groundwater	DPE-4	DPE-4	DPE-4	DPE-4	DPE-5	DPE-5	DPE-5	DPE-5
Date Collected	RAO/ NYCRR	04/17/14	07/24/15	10/21/15	07/06/16	04/17/14	07/24/15	10/21/15	07/06/16
Lab Sample ID	Objective	480-58303-3	480-84562-17	480-89674-16	480-102662-10	480-58303-4	480-84562-18	480-89674-17	480-102662-13
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1,1-Trichloroethane	5*	10 U	10 U	100 U	400 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5*	8.1	130	450	400 U	160	30	59	17
1,1-Dichloroethene	5	10 U	30	460	400 U	2.9 J	10 U	10 U	10 U
1,2-Dichloroethane	0.6	10 U	2.2 J	100 U	400 U	10 U	10 U	10 U	10 U
2-Butanone (MEK)	50	50 U	65 J	1,000 U	4,000 U	26 J	330	660	78 J
Acetone	50	50 U	46 J	1,000 U	4,000 U	120	240	340	120
Benzene	1	10 U	10 U	100 U	400 U	10 U	10 U	10 U	10 U
Carbon Disulfide	60	10 U	3.4 J	100 U	400 U	10 U	10 U	10 U	10 U
Chloroethane	5*	10 U	49	110	400 U	46	51	81	87
Chloromethane	5	10 U	10 U	230	400 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	5*	510	30,000	130,000	25,000	320	410	610	120
Methylene Chloride	5	10 U	8.1 J	100 U	260 J	10 U	4.5 J	10 U	10 U
Toluene	5*	10 U	28	140	400 U	30	11	9.2	10 U
trans-1,2-Dichloroethene	5	10 U	36	100 U	400 U	10 U	11	20	10 U
Trichloroethene	5*	630	93	120	400	160	10 U	10 U	10 U
Vinyl chloride	5*	31	4,700	37,000	12,000	71	180	170	71

Table 4

**Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID	Groundwater	DPE-7	DPE-7	DPE-7	DPE-7	DPE-8	DPE-8	DPE-8
Date Collected	RAO/ NYCRR	04/17/14	07/24/15	10/21/15	07/07/16	07/24/15	10/21/15	07/07/16
Lab Sample ID	Objective	480-58303-5	480-84562-19	480-89674-18	480-102824-4	480-84562-20	480-89674-19	480-102824-5
Volatile Organic Compounds by Method 8260 (µg/L)								
1,1,1-Trichloroethane	5*	10 U	20 U	20 U	20 U	57	170	39
1,1-Dichloroethane	5*	460	250	390	63	140	590	58
1,1-Dichloroethene	5	47 J	12 J	20 U	20 U	50 U	20	5 U
1,2-Dichloroethane	0.6	10 U	20 U	20 U	20 U	50 U	20 U	5 U
2-Butanone (MEK)	50	50 U	150 J	940	530	540	260	50 U
Acetone	50	50 U	1,100	530	230	890	220	50 U
Benzene	1	10 U	20 U	20 U	20 U	50 U	20 U	5 U
Carbon Disulfide	60	10 U	20 U	20 U	20 U	50 U	11	5 U
Chloroethane	5*	11	27	260	260	50 U	54	44
Chloromethane	5	10 U	20 U	20 U	20 U		20 U	5 U
cis-1,2-Dichloroethene	5*	11,000	820	680	26	1,500	2,300	5 U
Methylene Chloride	5	10 U	11 J	20 U	20 U	23 J	20 U	5 U
Toluene	5*	10 U	20 U	20 U	20 U	50 U	20 U	5 U
trans-1,2-Dichloroethene	5	10 U	20 U	20 U	20 U	50 U	55	8.1
Trichloroethene	5*	1,300	20 U	12 J	20 U	230	92	5.4
Vinyl chloride	5*	580	470	780	300	1,400	1,700	110

Notes:

The DPE system was taken off line following the second quarter 2014 sampling event to accommodate both repairs to the LRP and an injection pilot test.

Bold font indicates the analyte was detected.

Bold font and bold outline indicates the screening criteria was exceeded.

* Site-specific RAO per ROD (November 1994)

J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.

U - Not detected at or above reporting limit.

Table 5

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

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objective	GWCT Manhole 07/24/15 480-84562-15	GWCT Manhole 10/19/15 480-89674-20	GWCT Manhole 01/05/16 480-93630-15	GWCT Manhole 04/04/16 480-84562-15	GWCT Manhole 07/05/16 480-012662-4
Volatile Organic Compounds by Method 8260 (µg/L)						
1,1-Dichloroethane	5*	1.3	0.7	< 1.0 U	0.4 J	< 1.0 U
2-Butanone (MEK)	50	2.4 J	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	50	7.0 J	< 10 U	< 10 U	< 10 U	< 10 U
Benzene	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1.0 U
Chloroethane	5*	< 1.0 U	< 1.0 U	62	44	70
cis-1,2-Dichloroethene	5*	1.1	< 1.0 U	< 1.0 U	< 1 U	< 1.0 U
Methylene Chloride	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	0.99 J	< 1 U	< 1.0 U
Trichloroethene	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1.0 U
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 2.0 U
Total Volatile Organic Compounds	NA	12.8	0.7	63.0	44.4	70.0

Notes:

Bold font indicates the analyte was detected.

Bold font and bold outline indicates the screening criteria was exceeded.

* Site-specific RAO per ROD (November 1994)

J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.

U - Not detected at or above reporting limit.

NA - Not applicable

Table 6

Summary of Historical and Current Trichloroethene Concentrations - July 2016
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	Jan 2008 ⁴	Apr 2008 ⁴	Jul 2008 ⁴	Oct 2008 ⁴	Jan 2009 ⁴
MW-2	<1	NS	NS	NS	<10	NS	NS	<25	<25	<25	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5
MW-3	<1	NS	NS	NS	<10	NS	NS	<25	<25	<25	<5	<5	<20	<5	5	<5	<5	<5	<5	<5
MW-4	249	NS	8,100	20,000	NS	NS	NS	6,500	3,200	2,400	2,600	2,800	4,900	1,100	4,800	9,200	5,800	500	6,300	19,000
MW-6	<1	NS	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.63	<5	<5	<5	<5	<5
MW-8R	NA	NS	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	38,000	12,000	7,400	22,000	8,400
MW-10	<1	NS	NS	NS	<10	NS	NS	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW-11	NA	NS	NS	NS	<10	NS	NS	2.2	<20	<20	6.8	2.6	0.89	<5	0.71	1.1	0.49	1	0.81	0.77
MW-12	NA	NS	13	<10	<10	<5	<5	<25	<25	<25	NS	<5	<20	<5	<5	<5	<5	<5	<5	NS
MW-13S	NA	10,000	2,100	10,000	760	870	410	NS	NS	17,000	1,300	1,700	4,400	220	570	1,800	580	1,800	5,800	3,400
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	67,000	76,000	58,000	63,000	92,000

Notes:

ND - Not Detected

NS - Not sampled

DPE Remediation System started on May 14, 2004.

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.⁷ - DPE system off-line.⁸ - MW-4 and MW-12 not accessible due to snow cover.⁹ - MW-12 not accessible due to snow cover.

Table 6

Summary of Historical and Current Trichloroethene Concentrations - July 2016
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Well ID	TCE Concentration (µg/L)																			
	Apr 2009 ⁴	Jul 2009 ⁴	Oct 2009 ⁴	Jan 2010 ⁴	Apr 2010 ⁴	Jul 2010 ⁴	Oct 2010 ⁴	Jan 2011 ⁴	Apr 2011 ⁴	Jul 2011 ⁷	Oct 2011 ⁷	Jan 2012 ⁴	Apr 2012 ⁴	Jul 2012 ⁴	Oct 2012 ⁴	Jan 2013 ⁴	Apr 2013 ⁴	Jul 2013 ⁴	Oct 2013 ⁷	Jan 2014 ⁸
MW-2	<5	<5	<5	<25	<25	<25	350 ⁵	<1	<1	<1	<1	<1	<1	<1	<1	0.89	<1	<1	<1	<1
MW-3	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	0.98	<1	<1	<1	<1
MW-4	4,100	2,300	NS	7,400	3,000	NS	7,800	NS	13,000	NS	17,000	NS	39,000	15,000	NS	40,000	12,000	14,000	NS	NS
MW-6	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8R	13,000	NS	1,400	NS	2,500	19,000	NS	99,000	89,000	36,000	33,000	99,000	99,000	NS	89,000	NS	64,000	NS	100,000	NS
MW-10	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11	0.95	0.69	0.97	0.77	0.95	1	0.8	NS	1.2	<1	<1	<1	0.51	<1	<1	<1	<1	0.46	<1	<1
MW-12	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS
MW-13S	3,400	NS	400	NS	1,400	400	NS	39,000	40,000	31,000	NS	53,000	39,000	NS	41,000	NS	40,000	NS	49,000	NS
MW-16S	130,000	87,000	NS	22,000	220,000	NS	300,000	NS	250,000	NS	190,000	NS	250,000	170,000	NS	240,000	230,000	120,000	NS	110,000

Notes:

ND - Not Detected

NS - Not Sampled

DPE Remediation System started on May 14, 2004.

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.⁷ - DPE system off-line.⁸ - MW-4 and MW-12 not accessible due to snow cover.⁹ - MW-12 not accessible due to snow cover.

Table 6

Summary of Historical and Current Trichloroethene Concentrations - July 2016
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Well ID	TCE Concentration (µg/L)											TCE Reduction - Previous Sampling	TCE Reduction - Baseline Sampling
	Apr 2014 ⁴	Jul 2014 ⁴	Oct 2014 ⁷	Jan 2015 ^{7,9}	Apr 2015 ⁷	Jul 2015 ⁷	Oct 2015 ⁷	Jan 2016 ⁷	Apr 2016 ⁷	Jul 2016 ⁷			
MW-2	<1	<1	ND	ND	<5	<1	<1	<1	<1	<1	ND	ND	
MW-3	<1	<1	ND	ND	<1	<1	<1	<1	<1	<1	ND	ND	
MW-4	32,000	NS	32,000	18,000	110	<100	<100	<100	<100	<20	ND	ND	
MW-6	<1	<1	ND	ND	<1	<1	<1	<1	<1	<1	ND	ND	
MW-8R	100,000	110,000	NS	2,100	<2,000	200	<25	<1,000	<1,000	24	increase	99.9%	
MW-10	<1	<1	ND	ND	<1	<1	<1	<1	<1	<1	ND	ND	
MW-11	<1	<1	ND	ND	<1	<1	<1	<1	<1	<1	ND	ND	
MW-12	<1	<1	ND	NS	<1	<1	<1	<1	<5	<5	ND	ND	
MW-13S	32,000	33,000	NS	19,000	31,000	<500	<10	41	<100	<4	ND	ND	
MW-16S	61,000	NS	170,000	160,000	26,000	5,100	<4,000	<4,000	<4,000	<2,000	ND	ND	

Notes:

ND - Not Detected

NS - Not Sampled

DPE Remediation System started on May 14, 2004.

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.⁷ - DPE system off-line.⁸ - MW-4 and MW-12 not accessible due to snow cover.⁹ - MW-12 not accessible due to snow cover.

Table 7

Vapor Monitoring Results - July 2016
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	Sample ID: Sample Date:	LRP Effluent* Not Sampled	AS Effluent 7/4/2016
<u>VOCs by Method TO-15 ($\mu\text{g}/\text{m}^3$)</u>			
1,1,1-Trichloroethane		-	9.1
1,1-Dichloroethane		-	43
1,1-Dichloroethene		-	12
1,2-Dichloroethene, Total		-	110
Acetone		-	20
Chloroethane		-	41
Cyclohexane		-	1.4
Freon TF		-	10
n-Hexane		-	2.4
Toluene		-	5.4
Tetrachloroethene		-	26
Tetrahydrofuran		-	38
Trichloroethene		-	6.2
Vinyl chloride		-	3.7
Total Detected VOCs ($\mu\text{g}/\text{m}^3$)		-	328
Vacuum (inches Hg)		-	5.5
Air Flow Rate (acfm)		-	200
VOC discharge loading (lb/hr)		-	0.00025
Total VOC discharge loading (lb/hr)			0.00025
Notes: * The LRP was not running during sampling event on July 4, 2016. The air stripper vacuum measured on July 4, 2016 was 4.0 inches H ₂ O and the flow rate was 210 scfm. 1. $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter 2. acfm = actual cubic feet per minute 3. Hg = Mercury 4. scfm = standard cubic feet per minute 5. lb/hr = pounds per hour 6. LRP Effluent represents the untreated vapor discharge for the Liquid Ring Pump. 7. 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

Page 1 of 1

Date (mo/day/yr) <u>7/5/2016</u>		Casing Diameter <u>2</u> inches
Field Personnel <u>E. Thalhamer</u>		Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation <u>690.35</u> 1/100 ft
AECOM Job # <u>60314190</u>		Height of Riser (above land surface) <u>NA</u> 1/100 ft
Well ID # <u>MW-2</u>		Land Surface Elevation <u>NA</u> 1/100 ft
☐ Upgradient ☐ Downgradient		Screened Interval (below land surface) <u>7-17</u> 1/100 ft
Weather Conditions <u>Sunny</u>		
Air Temperature <u>80</u> ° F		
Total Depth (TWD) Below Top of Casing = <u>16.4</u> 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing = <u>5.48</u> 1/100 ft		
Length of Water Column (LWC) = TWD - DGW = <u>10.92</u> 1/100 ft		
1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>1.8</u> gal		
3 Casing Volumes = <u>5.33988</u> gal		
Method of Well Evacuation <u>Peristaltic Pump</u>		
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>		
Total Volume of Water Removed <u>8</u> 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)	200	200	200	200	200	200	200
Time (Military)	13:30	13:35	13:40	13:45	13:50	13:55	14:05
Depth to Groundwater Below Top of Casing (ft)	6.23	6.93	7.75	9.90	10.47	10.91	11.23
Drawdown (ft)	-0.75	0.7	0.82	2.15	0.57	0.44	0.11
pH (S.U.)	10.24	9.37	7.81	6.71	7.23	7.74	7.71
Sp. Cond. (mS/cm)	1.002	1.087	1.183	1.231	1.257	1.342	1.636
Turbidity (NTUs)	87.6	75.4	61.2	22.9	15.6	11.21	7.83
Dissolved Oxygen (mg/L)	1.14	1.01	0.86	0.53	0.42	0.36	0.27
Water Temperature (°C)	16.52	16.50	15.98	15.94	15.77	15.68	15.39
ORP (mV)	81.7	80.3	71.4	66.6	61.3	56.2	41.5
Physical appearance at start	Color <u>clear</u>	Physical appearance at sampling	Color <u>clear</u>				
	Odor <u>no</u>		Odor <u>no</u>				
Sheen/Free Product <u>no</u>		Sheen/Free Product <u>no</u>					

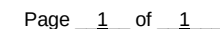
COMMENTS/OBSERVATIONS	Pump start at 13:25. Sampled at 14:20.



GROUNDWATER SAMPLING LOG

Page 1 of 1

Date (mo/day/yr) <u>7/5/2016</u>		Casing Diameter <u>2</u> inches																																														
Field Personnel <u>E. Thalhamer</u>		Casing Material <u>PVC</u>																																														
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation <u>690.35</u> 1/100 ft																																														
AECOM Job # <u>60314190</u>		Height of Riser (above land surface) <u>NA</u> 1/100 ft																																														
Well ID # <u>MW-2</u>		Land Surface Elevation <u>NA</u> 1/100 ft																																														
☐ Upgradient ☐ Downgradient		Screened Interval (below land surface) <u>7-17</u> 1/100 ft																																														
Weather Conditions <u>Sunny</u>																																																
Air Temperature <u>80</u> ° F																																																
Total Depth (TWD) Below Top of Casing = <u>16.4</u> 1/100 ft																																																
Depth to Groundwater (DGW) Below Top of Casing = <u>5.48</u> 1/100 ft																																																
Length of Water Column (LWC) = TWD - DGW = <u>10.92</u> 1/100 ft																																																
1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>1.8</u> gal																																																
3 Casing Volumes = <u>5.33988</u> gal																																																
Method of Well Evacuation <u>Peristaltic Pump</u>																																																
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>																																																
Total Volume of Water Removed <u>8</u> liter																																																
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Container</th><th>Analysis (Method)</th><th># Bottles</th><th>Preservative</th><th>Dup - MS/MSD</th></tr></thead><tbody><tr><td>VOA 40 mL glass</td><td>TCL VOCs (8260B)</td><td>3</td><td>HCL, 4°C</td><td></td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>				Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD	VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C																																				
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)	<u>200</u>	<u>200</u>	<u>200</u>																																													
Time (Military)	<u>14:10</u>	<u>14:15</u>	<u>14:20</u>																																													
Depth to Groundwater Below Top of Casing (ft)	<u>11.32</u>	<u>11.38</u>	<u>11.41</u>																																													
Drawdown (ft)	<u>0.09</u>	<u>0.06</u>	<u>0.03</u>																																													
pH (S.U.)	<u>7.62</u>	<u>7.56</u>	<u>7.53</u>																																													
Sp. Cond. (mS/cm)	<u>1.637</u>	<u>1.639</u>	<u>1.640</u>																																													
Turbidity (NTUs)	<u>6.42</u>	<u>6.13</u>	<u>6.04</u>																																													
Dissolved Oxygen (mg/L)	<u>0.23</u>	<u>0.22</u>	<u>0.21</u>																																													
Water Temperature (°C)	<u>15.30</u>	<u>15.15</u>	<u>15.07</u>																																													
ORP (mV)	<u>32.1</u>	<u>31.9</u>	<u>31.2</u>																																													
Physical appearance at start		Color <u>clear</u>	Physical appearance at sampling		Color <u>clear</u>																																											
		Odor <u>no</u>			Odor <u>no</u>																																											
Sheen/Free Product <u>no</u>		Sheen/Free Product <u>no</u>																																														
COMMENTS/OBSERVATIONS <u>Pump start at 13:25. Sampled at 14:20.</u>																																																



71149\Admin\Project Management\Scott July 16



GROUNDWATER SAMPLING LOG

Page 1 of 1

Date (mo/day/yr) 7/8/2016
Field Personnel E. Thalhamer
Site Name Former Scott Aviation Site - Lancaster, NY
AECOM Job # 60314190
Well ID # MW-4
 Upgradient Downgradient

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation 686.42 1/100 ft
Height of Riser (above land surface) -0.38 1/100 ft
Land Surface Elevation 686.8 1/100 ft
Screened Interval (below land surface) 15.5 - 25.5 1/100 ft

Weather Conditions

Air Temperature ° F
Total Depth (TWD) Below Top of Casing = 26 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 4.9 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 21.1 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 3.4 gal
3 Casing Volumes = 10.3179 gal
Method of Well Evacuation Peristaltic Pump
Method of Sample Collection Peristaltic Pump/Poly Tubing
Total Volume of Water Removed 3.5 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)	200	200	200	200	200	200	
Time (Military)	12:05	12:10	12:15	12:20	12:25	12:30	12:35
Depth to Groundwater Below Top of Casing (ft)	7.41	9.57	11.36	11.85	12.03	12.12	12.19
Drawdown (ft)	-2.51	2.16	1.79	0.49	0.18	0.09	0.07
pH (S.U.)	7.48	7.41	7.39	7.36	7.25	4.76	5.42
Sp. Cond. (mS/cm)	3.886	3.882	3.879	3.875	3.873	3.874	3.875
Turbidity (NTUs)	N/A	125.3	99.6	12.4	11.6	8.11	7.53
Dissolved Oxygen (mg/L)	1.18	1.17	1.15	1.12	1.13	1.11	1.07
Water Temperature (°C)	14.31	14.65	14.87	15.06	15.21	15.35	15.94
ORP (mV)	-97.1	-98.7	-99.3	-101.6	-105.3	-107.5	-106.7

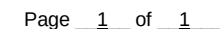
Physical appearance at start Color clear w/ black specks
Odor slight

Physical appearance at sampling Color clear w/ black specks
Odor slight

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS Pump on at 12:00. Turbidimeter gave error for first reading, likely due to particles in water. PH malfunctioned starting at 12:30 reading. Sampled at 12:35



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GROUNDWATER SAMPLING LOG

Page 1 of 2

Date (mo/day/yr) 7/8/2016
Field Personnel E. Thalhamer
Site Name Former Scott Aviation Site - Lancaster, NY
AECOM Job # 60314190
Well ID # MW-8R

 Upgradient Downgradient
Weather Conditions overcast, rain

Air Temperature 75 ° F

Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 4.98 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 22.52 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 3.7 gal

3 Casing Volumes = 11.01228 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 8 liter

Casing Diameter 4 inches
Casing Material PVC
Measuring Point Elevation 686.21 1/100 ft
Height of Riser (above land surface) -0.29 1/100 ft
Land Surface Elevation 686.5 1/100 ft
Screened Interval (below land surface) 14-24 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)	200	200	200	200	200	200	
Time (Military)	11:15	11:20	11:25	11:30	11:35	11:40	11:45
Depth to Groundwater Below Top of Casing (ft)	5.95	6.91	8.34	9.51	11.10	11.21	11.34
Drawdown (ft)	-0.97	0.96	1.43	1.17	1.59	0.11	0.13
pH (S.U.)	7.98	7.54	6.89	7.38	6.92	6.95	6.97
Sp. Cond. (mS/cm)	2.958	2.944	2.913	2.902	2.900	2.899	2.897
Turbidity (NTUs)	21.0	20.6	17.6	14.3	11.7	19.3	21.2
Dissolved Oxygen (mg/L)	0.60	0.36	0.32	0.31	0.35	0.36	0.35
Water Temperature (°C)	14.84	14.76	15.15	15.17	15.34	15.83	15.75
ORP (mV)	-185.8	-207.2	-182.0	-185.6	-195.7	-188.7	-189.3

Physical appearance at start Color clear w/ black specks

Odor no

Sheen/Free Product no

Physical appearance at sampling Color clear w/ black specks

Odor no

Sheen/Free Product no

COMMENTS/OBSERVATIONS Pump on at 11:10. Sampled at 11:45

Date (mo/day/yr) _____	7/5/2016	
Field Personnel _____	E. Thalhamer	
Site Name _____	Former Scott Aviation Site - Lancaster, NY	
AECOM Job # _____	60314190	
Well ID # _____	MW-11	
_____ Upgradient	_____ Downgradient	
Weather Conditions _____	Sunny	
Air Temperature _____	85	° F
Total Depth (TWD) Below Top of Casing = _____	28.5	1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = _____	6.81	1/100 ft
Length of Water Column (LWC) = TWD - DGW = _____	21.69	1/100 ft
1 Casing Volume (OCV) = LWC x _____	0.163	= _____ 3.5 gal
3 Casing Volumes = _____	10.60641	gal
Method of Well Evacuation _____	Peristaltic Pump	
Method of Sample Collection _____	Peristaltic Pump/Poly Tubing	
Total Volume of Water Removed _____	7	liter

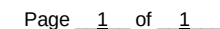
Casing Diameter _____	2	inches
Casing Material _____	PVC	
Measuring Point Elevation _____	688.65	1/100 ft
Height of Riser (above land surface) _____	-0.25	1/100 ft
Land Surface Elevation _____	688.9	1/100 ft
Screened Interval (below land surface) _____	8.5-28.5	1/100 ft

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

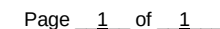
	200	200	200	200	200	200	200
Flow Rate (ml/min)	200	200	200	200	200	200	200
Time (Military)	12:20	12:25	12:30	12:35	12:40	12:45	12:55
Depth to Groundwater Below Top of Casing (ft)	7.23	7.82	7.86	7.88	7.89	7.90	7.93
Drawdown (ft)	-0.42	0.59	0.04	0.02	0.01	0.01	0.01
pH (S.U.)	7.84	7.83	7.83	7.85	7.85	7.89	7.96
Sp. Cond. (mS/cm)	4.690	4.689	4.667	4.624	4.587	4.559	4.551
Turbidity (NTUs)	4.11	2.01	1.65	1.78	1.43	1.27	0.86
Dissolved Oxygen (mg/L)	0.94	0.80	0.74	0.68	0.63	0.59	0.55
Water Temperature (°C)	14.83	14.62	14.59	14.57	14.53	14.49	14.44
ORP (mV)	12.4	37.2	39.3	38.6	41.7	41.2	42.3

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 _____	Pump started at 12:15. Sampled at 12:55



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GROUNDWATER SAMPLING LOG

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Date (mo/day/yr) 7/5/2016
Field Personnel E. Thalhamer
Site Name Former Scott Aviation Site - Lancaster, NY
AECOM Job # 60314190
Well ID # MW-16S

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

Upgradient Downgradient
Weather Conditions Sunny

Air Temperature 80 ° F

Total Depth (TWD) Below Top of Casing = 15.4 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 5.2 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 10.2 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 1.7 liter

3 Casing Volumes = 5 liter

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 0 liter

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

FIELD ANALYSES

Flow Rate (ml/min)	200						
Time (Military)	14:45						
Depth to Groundwater Below Top of Casing (ft)	11.63						
Drawdown (ft)	-6.43						
pH (S.U.)	6.86						
Sp. Cond. (mS/cm)	3.578						
Turbidity (NTUs)	21.3						
Dissolved Oxygen (mg/L)	0.43						
Water Temperature (°C)	16.32						
ORP (mV)	-94.6						

Physical appearance at start Color cloudy
Odor slight

Physical appearance at sampling Color _____
Odor _____

Sheen/Free Product no

Sheen/Free Product _____

COMMENTS/OBSERVATIONS Pump start at 14:40. Dry at 8 minutes, allowed to recharge & sampled at 15:10.



GROUNDWATER SAMPLING LOG

Page 1 of 2

Date (mo/day/yr) _____	7/5/2016	
Field Personnel _____	E. Thalhamer	
Site Name _____	Former Scott Aviation Site - Lancaster, NY	
AECOM Job # _____	60314190	
Well ID # _____	GWCT	
_____ Upgradient	_____ Downgradient	
Weather Conditions _____		
Air Temperature _____	° F	
Total Depth (TWD) Below Top of Casing = _____	1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = _____	1/100 ft	
Length of Water Column (LWC) = TWD - DGW = _____	0	1/100 ft
1 Casing Volume (OCV) = LWC x _____	0.163	= _____ 0.0 gal
3 Casing Volumes = _____	0	gal
Method of Well Evacuation _____	Peristaltic Pump	
Method of Sample Collection _____	Peristaltic Pump/Poly Tubing	
Total Volume of Water Removed _____	liter	

Casing Diameter _____	inches
Casing Material _____	
Measuring Point Elevation _____	1/100 ft
Height of Riser (above land surface) _____	1/100 ft
Land Surface Elevation _____	1/100 ft
Screened Interval (below land surface) _____	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)							
Time (Military)							
Depth to Groundwater Below Top of Casing (ft)							
Drawdown (ft)							
pH (S.U.)							
Sp. Cond. (mS/cm)							
Turbidity (NTUs)							
Dissolved Oxygen (mg/L)							
Water Temperature (°C)							
ORP (mV)							

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

COMMENTS/OBSERVATIONS Grab sampled at 13:10



GROUNDWATER SAMPLING LOG

Page 1 of 2

Date (mo/day/yr) <u>7/6/2016</u>		Casing Diameter _____ inches																																														
Field Personnel <u>E. Thalhamer</u>		Casing Material _____																																														
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation _____ 1/100 ft																																														
AECOM Job # <u>60314190</u>		Height of Riser (above land surface) _____ 1/100 ft																																														
Well ID # <u>DPE-2</u>		Land Surface Elevation _____ 1/100 ft																																														
<u> </u> Upgradient <u> </u> Downgradient		Screened Interval (below land surface) _____ 1/100 ft																																														
Weather Conditions _____																																																
Air Temperature _____ ° F																																																
Total Depth (TWD) Below Top of Casing = _____ 1/100 ft																																																
Depth to Groundwater (DGW) Below Top of Casing = <u>4.16</u> 1/100 ft																																																
Length of Water Column (LWC) = TWD - DGW = <u>-4.16</u> 1/100 ft																																																
1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>-0.7</u> gal																																																
3 Casing Volumes = <u>-2.03424</u> gal																																																
Method of Well Evacuation <u>Peristaltic Pump</u>																																																
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>																																																
Total Volume of Water Removed _____ liter																																																
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VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C																																													
FIELD ANALYSES																																																
Flow Rate (ml/min)	200	200	200	200	200	200																																										
Time (Military)	10:55	11:00	11:05	11:10	11:15	11:20	11:25																																									
Depth to Groundwater Below Top of Casing (ft)	5.11	6.7	7.85	9.14	9.72	9.85	9.96																																									
Drawdown (ft)	-0.95	1.59	1.15	1.29	0.58	0.13	0.11																																									
pH (S.U.)	8.12	8.49	9.37	10.24	10.32	10.24	10.11																																									
Sp. Cond. (mS/cm)	0.639	0.637	0.635	0.634	0.634	0.634	0.633																																									
Turbidity (NTUs)	180	93.7	81.2	75.6	73.3	69.5	65.3																																									
Dissolved Oxygen (mg/L)	0.67	0.6	0.52	0.37	0.35	0.33	0.32																																									
Water Temperature (°C)	13.95	13.93	13.91	13.85	13.86	13.84	13.83																																									
ORP (mV)	-10.4	-5.1	0.3	6.4	7.2	7.7	8.4																																									
Physical appearance at start		Color <u>cloudy</u>	Physical appearance at sampling		Color <u>cloudy</u>																																											
		Odor <u>slight</u>			Odor <u>slight</u>																																											
Sheen/Free Product <u>no</u>			Sheen/Free Product <u>no</u>																																													
COMMENTS/OBSERVATIONS <u>Pump on at 10:50. sampled at 11:25</u>																																																



GROUNDWATER SAMPLING LOG

Page 1 of 2

Date (mo/day/yr) <u>7/7/2016</u>		Casing Diameter _____ inches																																									
Field Personnel <u>E. Thalhamer</u>		Casing Material _____																																									
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation _____ 1/100 ft																																									
AECOM Job # <u>60314190</u>		Height of Riser (above land surface) _____ 1/100 ft																																									
Well ID # <u>DPE-3</u>		Land Surface Elevation _____ 1/100 ft																																									
<u> </u> Upgradient <u> </u> Downgradient		Screened Interval (below land surface) _____ 1/100 ft																																									
Weather Conditions _____																																											
Air Temperature _____ ° F		<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Container</th><th>Analysis (Method)</th><th># Bottles</th><th>Preservative</th><th>Dup - MS/MSD</th></tr></thead><tbody><tr><td>VOA 40 mL glass</td><td>TCL VOCs (8260B)</td><td>3</td><td>HCL, 4°C</td><td></td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>		Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD	VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C																															
Container	Analysis (Method)			# Bottles	Preservative	Dup - MS/MSD																																					
VOA 40 mL glass	TCL VOCs (8260B)			3	HCL, 4°C																																						
Total Depth (TWD) Below Top of Casing = _____ 1/100 ft																																											
Depth to Groundwater (DGW) Below Top of Casing = <u>2.89</u> 1/100 ft																																											
Length of Water Column (LWC) = TWD - DGW = <u>-2.89</u> 1/100 ft																																											
1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>-0.5</u> gal																																											
3 Casing Volumes = <u>-1.41321</u> gal																																											
Method of Well Evacuation <u>Peristaltic Pump</u>																																											
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>																																											
Total Volume of Water Removed _____ liter																																											

FIELD ANALYSES							
Flow Rate (ml/min)	200	200	200	200	200	200	200
Time (Military)	12:35	12:40	12:45	12:50	12:55	13:00	13:10
Depth to Groundwater Below Top of Casing (ft)	4.73	6.15	8.74	8.87	8.95	9.03	9.11
Drawdown (ft)	-1.84	1.42	2.59	0.13	0.08	0.08	0.04
pH (S.U.)	7.16	7.23	7.38	7.48	7.5	7.59	7.61
Sp. Cond. (mS/cm)	1.905	1.903	1.899	1.894	1.893	1.869	1.864
Turbidity (NTUs)	>1000	>1000	764	527	83.9	64.7	51.3
Dissolved Oxygen (mg/L)	5.21	4.79	4.36	4.01	3.89	3.79	3.72
Water Temperature (°C)	16.98	16.94	16.89	16.81	16.71	16.65	16.6
ORP (mV)	-84.3	-15.4	-22.1	-106.3	-147.4	-158.7	-161.2

Physical appearance at start	Color <u>v. dark grey</u>	Physical appearance at sampling	Color <u>cloudy/tan</u>
	Odor <u>slight</u>		Odor <u>slight</u>
Sheen/Free Product	<u>no</u>	Sheen/Free Product	<u>no</u>

COMMENTS/OBSERVATIONS <u>Pump on at 12:30. sampled at 13:10</u>



GROUNDWATER SAMPLING LOG

Page 1 of 2

Date (mo/day/yr) <u>7/6/2016</u>		Casing Diameter _____ inches																																									
Field Personnel <u>E. Thalhamer</u>		Casing Material _____																																									
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation _____ 1/100 ft																																									
AECOM Job # <u>60314190</u>		Height of Riser (above land surface) _____ 1/100 ft																																									
Well ID # <u>DPE-5</u>		Land Surface Elevation _____ 1/100 ft																																									
<u> </u> Upgradient <u> </u> Downgradient		Screened Interval (below land surface) _____ 1/100 ft																																									
Weather Conditions _____																																											
Air Temperature _____ ° F																																											
Total Depth (TWD) Below Top of Casing = _____ 1/100 ft		<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Container</th><th>Analysis (Method)</th><th># Bottles</th><th>Preservative</th><th>Dup - MS/MSD</th></tr></thead><tbody><tr><td>VOA 40 mL glass</td><td>TCL VOCs (8260B)</td><td>3</td><td>HCL, 4°C</td><td></td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>		Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD	VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C																															
Container	Analysis (Method)			# Bottles	Preservative	Dup - MS/MSD																																					
VOA 40 mL glass	TCL VOCs (8260B)			3	HCL, 4°C																																						
Depth to Groundwater (DGW) Below Top of Casing = <u>3.83</u> 1/100 ft																																											
Length of Water Column (LWC) = TWD - DGW = <u>-3.83</u> 1/100 ft																																											
1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>-0.6</u> gal																																											
3 Casing Volumes = <u>-1.87287</u> gal																																											
Method of Well Evacuation <u>Peristaltic Pump</u>																																											
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>																																											
Total Volume of Water Removed _____ liter																																											
FIELD ANALYSES																																											
Flow Rate (ml/min)	200	200	200	200	200	200																																					
Time (Military)	15:35	15:40	15:45	15:50	15:55	16:00	16:05																																				
Depth to Groundwater Below Top of Casing (ft)	4.75	5.65	6.51	7.83	9.43	9.65	9.74																																				
Drawdown (ft)	-0.92	0.90	0.86	1.32	1.60	0.22	0.09																																				
pH (S.U.)	9.63	9.45	9.12	8.65	8.12	8.06	7.96																																				
Sp. Cond. (mS/cm)	2.158	2.132	2.094	2.054	2.021	2.016	2.008																																				
Turbidity (NTUs)	na	na	na	na	na	na	na																																				
Dissolved Oxygen (mg/L)	0.74	0.53	0.31	0.29	0.21	0.18	0.13																																				
Water Temperature (°C)	15.93	15.91	15.87	15.85	15.83	15.82	15.81																																				
ORP (mV)	-31.4	-41.2	-54.9	-63.4	-68.7	-69.2	-73.2																																				
Physical appearance at start		Color <u>cloudy</u>	Physical appearance at sampling		Color <u>clear w/ black specks</u>																																						
		Odor <u>slight</u>			Odor <u>slight</u>																																						
Sheen/Free Product <u>no</u>			Sheen/Free Product <u>no</u>																																								
COMMENTS/OBSERVATIONS <u>Pump on at 15:30. sampled at 16:05</u>																																											
<u>Turbidimeter malfunctioning through purge, likely due to particulate specks in water.</u>																																											



GROUNDWATER SAMPLING LOG

Page 1 of 2

Date (mo/day/yr) 7/7/2016
Field Personnel E. Thalhamer
Site Name Former Scott Aviation Site - Lancaster, NY
AECOM Job # 60314190
Well ID # DPE-7
☐ Upgradient ☐ Downgradient

Casing Diameter _____ inches
Casing Material _____
Measuring Point Elevation _____ 1/100 ft
Height of Riser (above land surface) _____ 1/100 ft
Land Surface Elevation _____ 1/100 ft
Screened Interval (below land surface) _____ 1/100 ft

Weather Conditions _____
Air Temperature _____ ° F
Total Depth (TWD) Below Top of Casing = _____ 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 2.91 1/100 ft
Length of Water Column (LWC) = TWD - DGW = -2.91 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = -0.5 gal
3 Casing Volumes = -1.42299 gal
Method of Well Evacuation Peristaltic Pump
Method of Sample Collection Peristaltic Pump/Poly Tubing
Total Volume of Water Removed _____ 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)
Time (Military)
Depth to Groundwater
Below Top of Casing (ft)
Drawdown (ft)
pH (S.U.)
Sp. Cond. (mS/cm)
Turbidity (NTUs)
Dissolved Oxygen (mg/L)
Water Temperature (°C)
ORP (mV)

200	200	200	150				
15:20	15:25	15:30	15:35				
4.75	7.31	8.14	9.75				
-1.84	2.56	0.83	1.61				
7.83	7.75	7.61	7.49				
1.913	2.015	2.137	2.251				
>1000	>1000	423	105.6				
1.46	1.97	2.14	7.03				
19.23	19.14	18.85	18.73				
-10.3	21.7	31.6	52.3				

Physical appearance at start Color very dark
Odor no
Sheen/Free Product no

Physical appearance at sampling Color clear w/ black specks
Odor no
Sheen/Free Product no

COMMENTS/OBSERVATIONS Pump on at 15:15. A lot of air bubbles in line, 23 minutes into purge. Possibly going dry. Tape would not fit down to check depth, therefore grabbed sample at 15:35



APPENDIX B

Summary of Groundwater Elevations

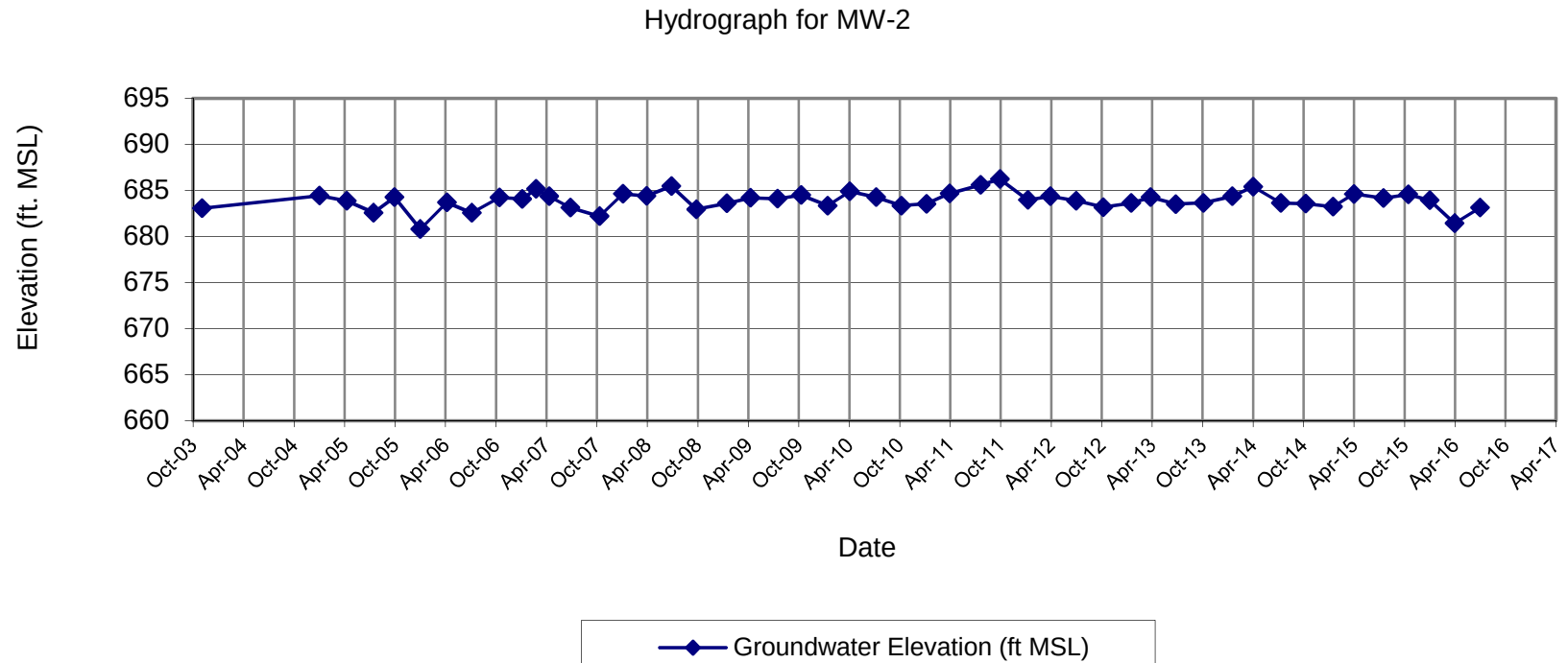
MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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
1/11/2011	6.80	683.55
4/4/2011	5.70	684.65
7/25/2011	4.75	685.60
10/3/2011	4.13	686.22
1/12/2012	6.40	683.95
4/2/2012	6.00	684.35
7/5/2012	6.47	683.88
10/11/2012	7.17	683.18
1/21/2013	6.72	683.63
4/1/2013	6.10	684.25
7/1/2013	6.84	683.51
10/9/2013	6.70	683.65
1/21/2014	6.00	684.35
4/7/2014	4.95	685.40
7/16/2014	6.72	683.63
10/14/2014	6.79	683.56
1/20/2015	7.12	683.23
4/6/2015	5.74	684.61
7/22/2015	6.19	684.16
10/19/2015	5.79	684.56
1/5/2016	6.41	683.94
4/4/2016	5.68	681.42
7/5/2016	5.56	683.12

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 and 10/9/13
TOC Elevation as of 6/13/08 - 687.1

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



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	676.12
1/12/2011	11.3	675.72
4/4/2011	10.7	676.32
7/25/2011	4.38	682.64
10/3/2011	3.14	683.88
1/12/2012	10.65	676.37
4/2/2012	9.81	677.21
7/5/2012	8.56	678.46
10/11/2012	9.77	677.25
1/21/2013	11.15	675.87
4/1/2013	8.56	678.46
7/1/2013	11.85	675.17
10/9/2013	10.43	676.59
1/21/2014	10.45	676.57
4/7/2014	11.77	675.25
7/16/2014	10.29	676.73
10/14/2014	9.65	677.37
1/20/2015	10.15	676.87
4/6/2015	8.94	678.08
7/22/2015	7.98	679.04
10/19/2015	5.15	681.87
1/5/2016	9.01	678.01
4/4/2016	8.00	679.05
7/5/2016	5.86	681.19

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 687.72

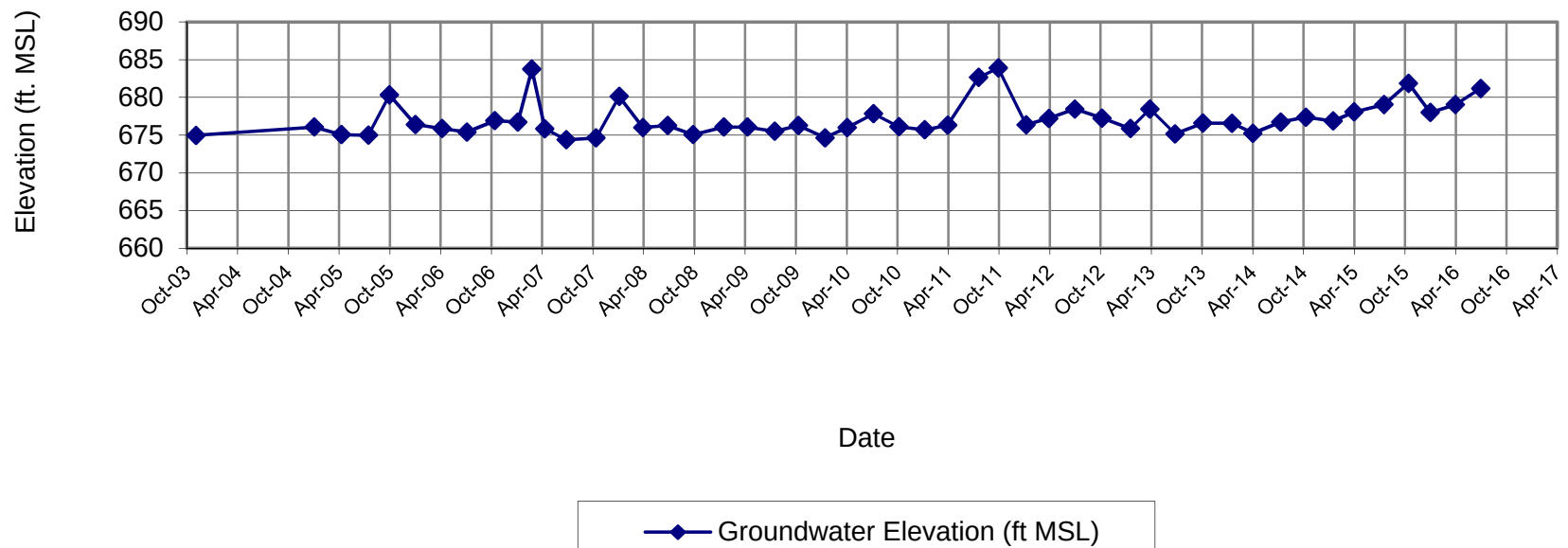
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 687.02

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

Hydrograph for MW-3



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
1/12/2011	16.35	670.07
4/4/2011	17.67	668.75
7/25/2011	2.32	684.10
10/3/2011	2.98	683.44
1/12/2012	13.26	673.16
4/2/2012	13.10	673.32
7/6/2012	9.66	676.76
10/11/2012	18.60	667.82
1/21/2013	17.04	669.38
4/1/2013	18.65	667.77
7/1/2013	19.10	667.32
10/9/2013	10.10	676.32
1/21/2014	NM*	NA
4/7/2014	18.85	667.57
7/16/2014	10.74	675.68
10/14/2014	8.52	677.90
1/20/2015	10.95	675.47
4/6/2015	9.05	677.37
7/22/2015	7.55	678.87
10/19/2015	4.59	681.83
1/5/2016	9.92	676.50
4/4/2016	8.20	678.30
7/5/2016	4.94	681.56

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.64

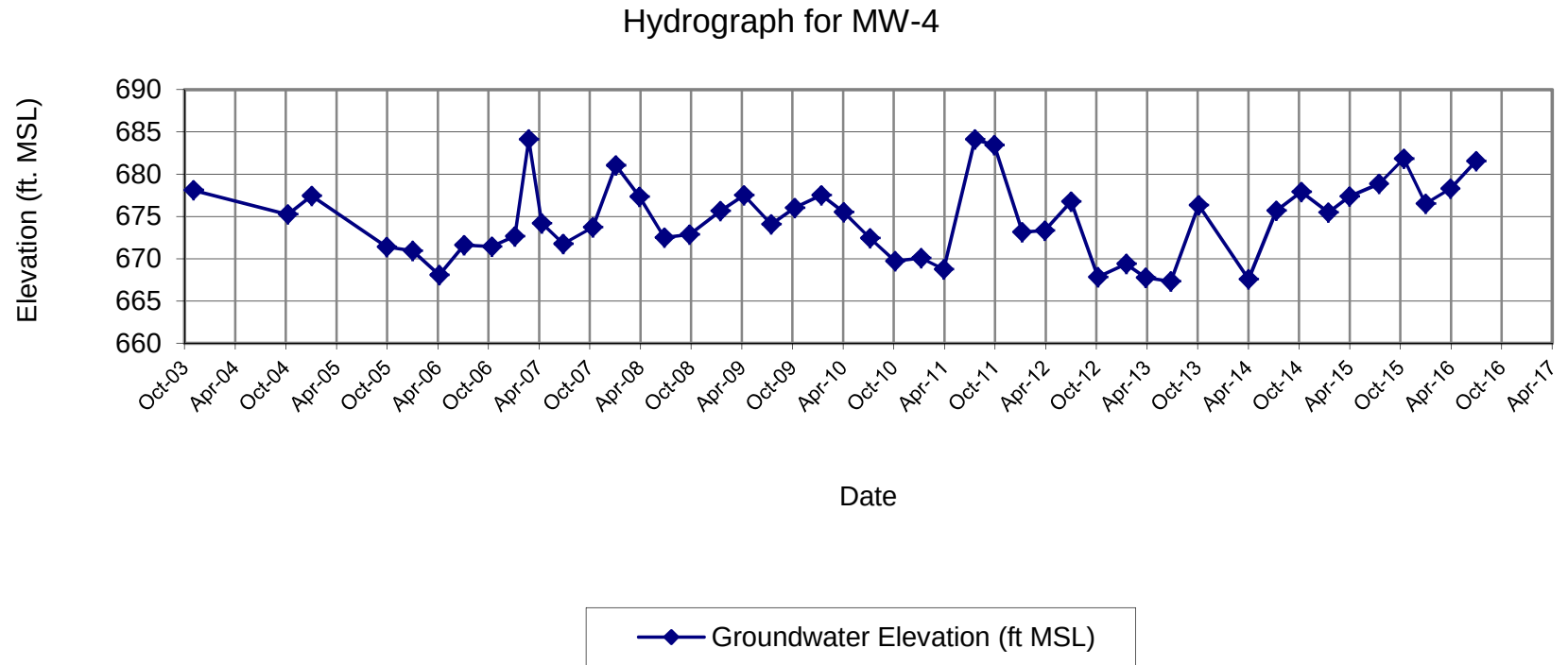
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.42

NM* - Well could not be accessed due to snow cover

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



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
1/12/2011	10.56	675.97
4/4/2011	10.27	676.26
7/25/2011	4.17	682.36
10/3/2011	3.45	683.08
1/12/2012	9.86	676.67
4/2/2012	9.39	677.14
7/5/2012	7.64	678.89
10/11/2012	10.80	675.73
1/21/2013	10.12	676.41
4/1/2013	8.41	678.12
7/1/2013	11.18	675.35
10/9/2013	9.32	677.21
1/21/2014	9.95	676.58
4/7/2014	10.75	675.78
7/16/2014	9.61	676.92
10/14/2014	8.60	677.93
1/20/2015	9.20	677.33
4/6/2015	8.08	678.45
7/22/2015	7.28	679.25
10/19/2015	4.82	681.71
1/5/2016	8.41	678.12
4/4/2016	6.98	679.48
7/5/2016	5.73	680.73

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

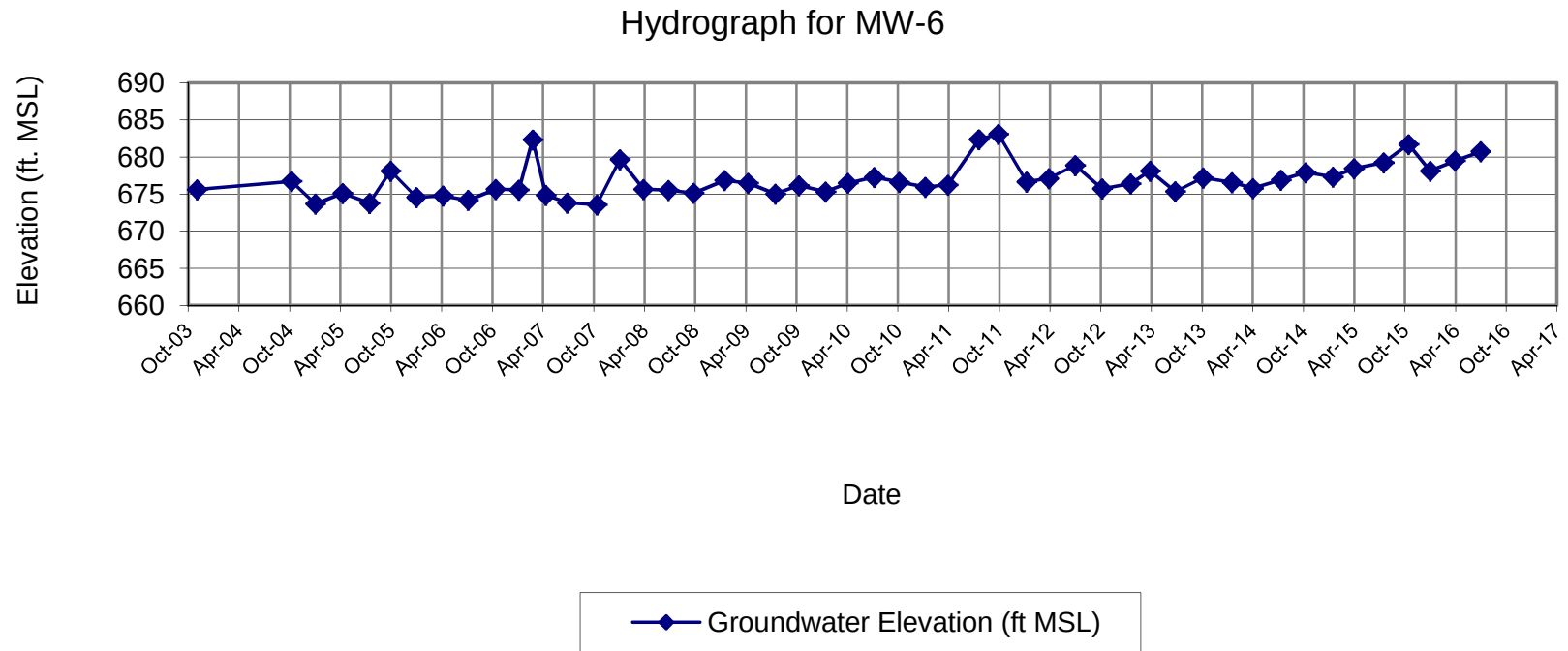
TOC Elevation - 686.68

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.53

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



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
1/12/2011	13.10	673.11
4/4/2011	14.88	671.33
7/25/2011	3.25	682.96
10/3/2011	4.50	681.71
1/12/2012	12.96	673.25
4/2/2012	11.70	674.51
7/5/2012	10.34	675.87
10/11/2012	13.38	672.83
1/21/2013	14.90	671.31
4/1/2013	10.82	675.39
7/1/2013	12.70	673.51
10/9/2013	9.25	676.96
1/21/2014	NM*	NA
4/7/2014	14.55	671.66
7/16/2014	8.97	677.24
10/14/2014	5.85	680.36
1/20/2015	9.80	676.41
4/6/2015	7.55	678.66
7/22/2015	8.22	677.99
10/19/2015	4.90	681.31
1/5/2016	8.95	677.26
4/4/2016	8.10	678.19
7/5/2016	4.99	681.30

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.67

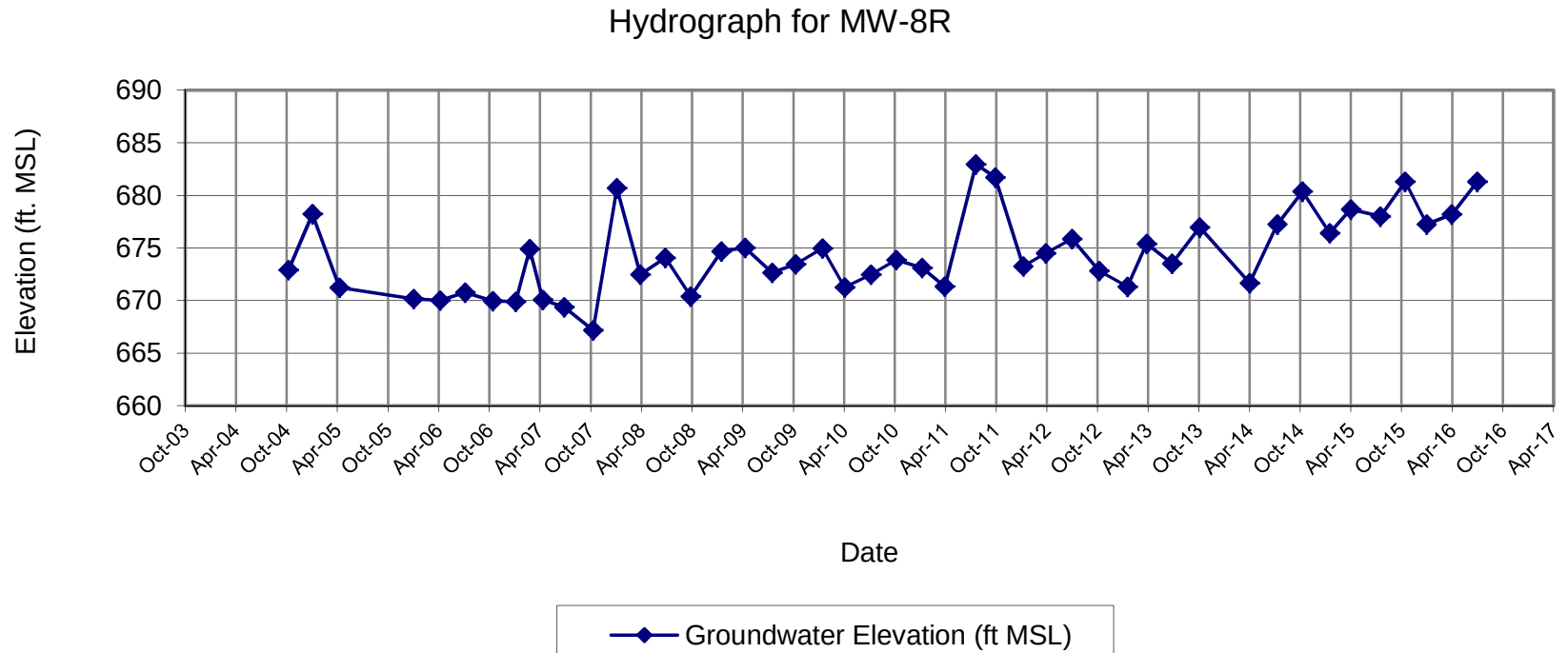
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.21

NM* - Well could not be accessed due to snow cover

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



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
1/12/2011	15.29	673.35
4/4/2011	14.55	674.09
7/25/2011	5.75	682.89
10/3/2011	4.58	684.06
1/12/2012	14.75	673.89
4/2/2012	14.52	674.12
7/5/2012	11.48	677.16
10/11/2012	12.66	675.98
1/21/2013	14.44	674.20
4/1/2013	11.87	676.77
7/1/2013	16.54	672.10
10/9/2013	13.68	674.96
1/21/2014	15.38	673.26
4/7/2014	16.30	672.34
7/16/2014	13.71	674.93
10/14/2014	13.09	675.55
1/20/2015	13.92	674.72
4/6/2015	12.41	676.23
7/22/2015	10.72	677.92
10/19/2015	7.06	681.58
1/5/2016	12.09	676.55
4/4/2016	11.38	678.19
7/5/2016	7.41	682.16

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

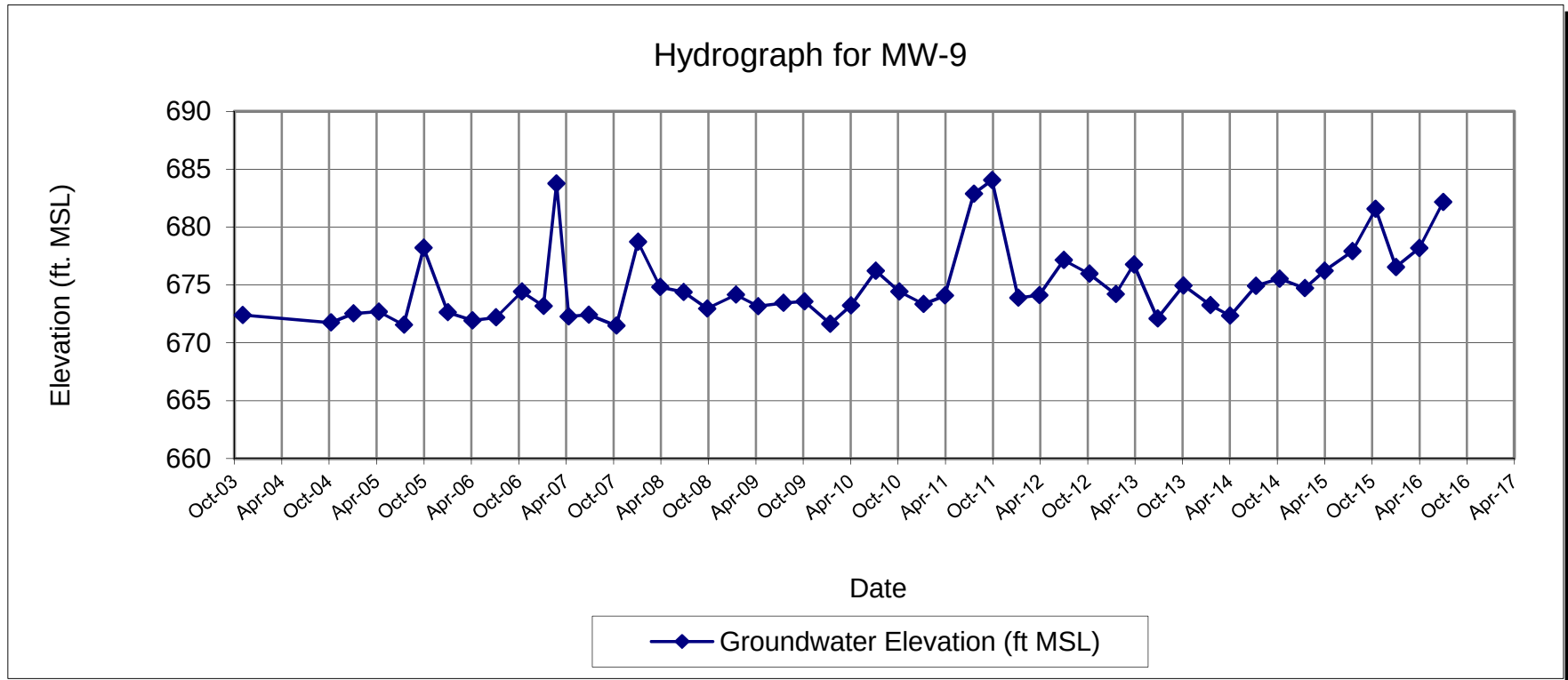
TOC Elevation - 685.43

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 688.64

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



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
1/12/2011	10.00	677.41
4/4/2011	9.61	677.80
7/25/2011	4.45	682.96
10/3/2011	4.25	683.16
1/12/2012	9.82	677.59
4/2/2012	8.51	678.90
7/5/2012	7.55	679.86
10/11/2012	10.65	676.76
1/21/2013	9.59	677.82
4/1/2013	8.30	679.11
7/1/2013	9.77	677.64
10/9/2013	8.65	678.76
1/21/2014	8.73	678.68
4/7/2014	9.25	678.16
7/16/2014	8.65	678.76
10/14/2014	8.02	679.39
1/20/2015	8.50	678.91
4/6/2015	7.40	680.01
7/22/2015	6.84	680.57
10/19/2015	5.40	682.01
1/5/2016	7.89	679.52
4/4/2016	6.67	681.03
7/5/2016	5.77	681.93

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

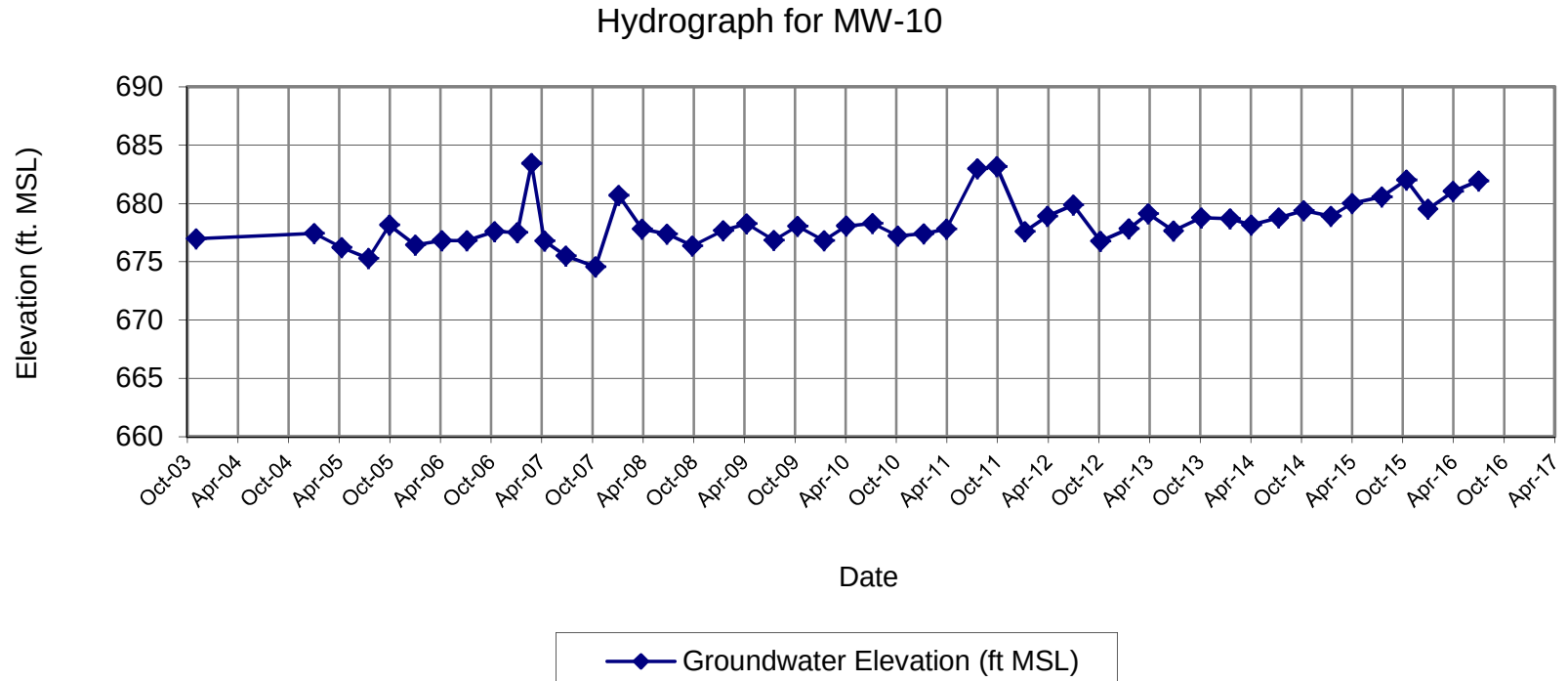
TOC Elevation - 687.72

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 687.41

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



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	674.80
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
1/12/2011	NA	
4/4/2011	14.52	674.13
7/25/2011	4.48	684.17
10/3/2011	4.05	684.60
1/12/2012	8.96	679.69
4/2/2012	12.87	675.78
7/5/2012	10.53	678.12
10/11/2012	14.40	674.25
1/21/2013	14.75	673.90
4/1/2013	11.66	676.99
7/1/2013	14.99	673.66
10/9/2013	12.25	676.40
1/21/2014	13.75	674.90
4/7/2014	14.56	674.09
7/16/2014	12.64	676.01
10/14/2014	12.26	676.39
1/20/2015	12.31	676.34
4/6/2015	11.95	676.70
7/22/2015	8.49	680.16
10/19/2015	8.75	679.90
1/5/2016	12.53	676.12
4/4/2016	10.84	677.77
7/5/2016	9.37	679.24

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 688.61

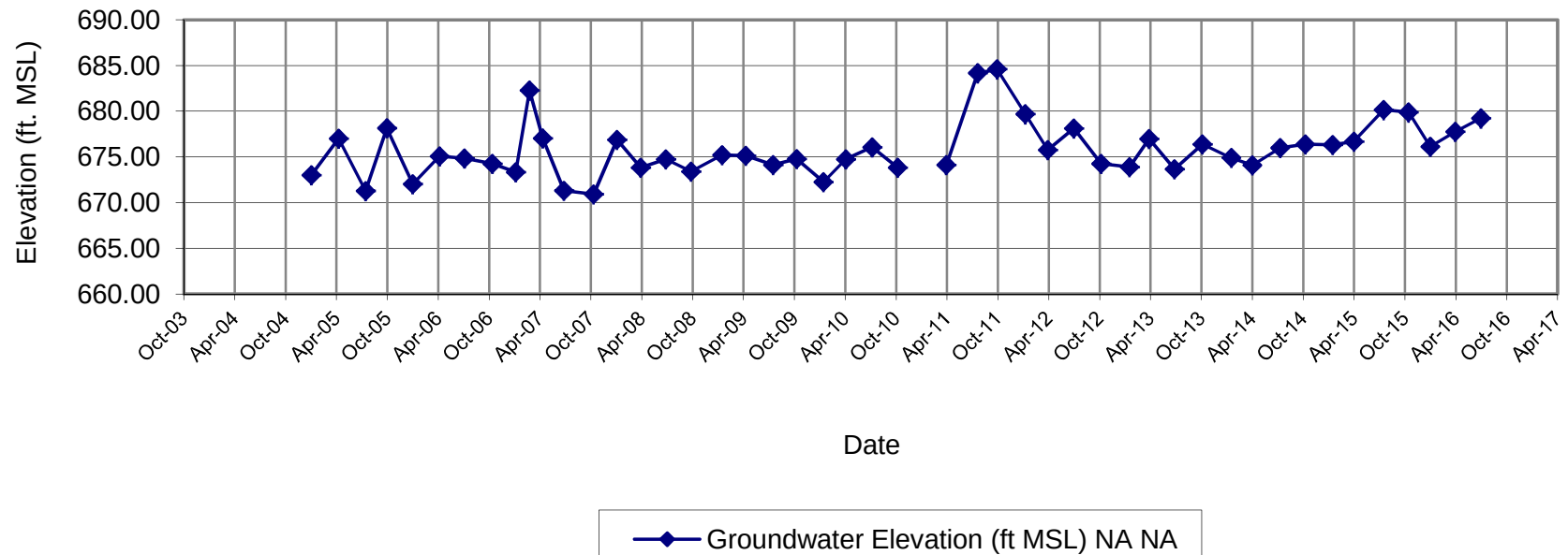
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 688.65

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

Hydrograph for MW-11



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*	NA
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
1/12/2011	6.32	679.83
4/4/2011	5.69	680.46
7/25/2011	3.5	682.65
10/3/2011	2.67	683.48
1/12/2012	5.41	680.74
4/2/2012	5.30	680.85
7/5/2012	7.20	678.95
10/11/2012	6.75	679.40
1/21/2013	5.51	680.64
4/1/2013	5.07	681.08
7/1/2013	7.88	678.27
10/9/2013	5.20	680.95
1/21/2014	NM*	NA
4/7/2014	5.76	680.39
7/16/2014	6.60	679.55
10/14/2014	5.15	681.00
1/20/2015	NM*	NA
4/6/2015	4.10	682.05
7/22/2015	4.82	681.33
10/19/2015	3.80	682.35
1/5/2016	3.94	682.21
4/4/2016	3.67	682.52
7/5/2016	4.29	681.90

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.79

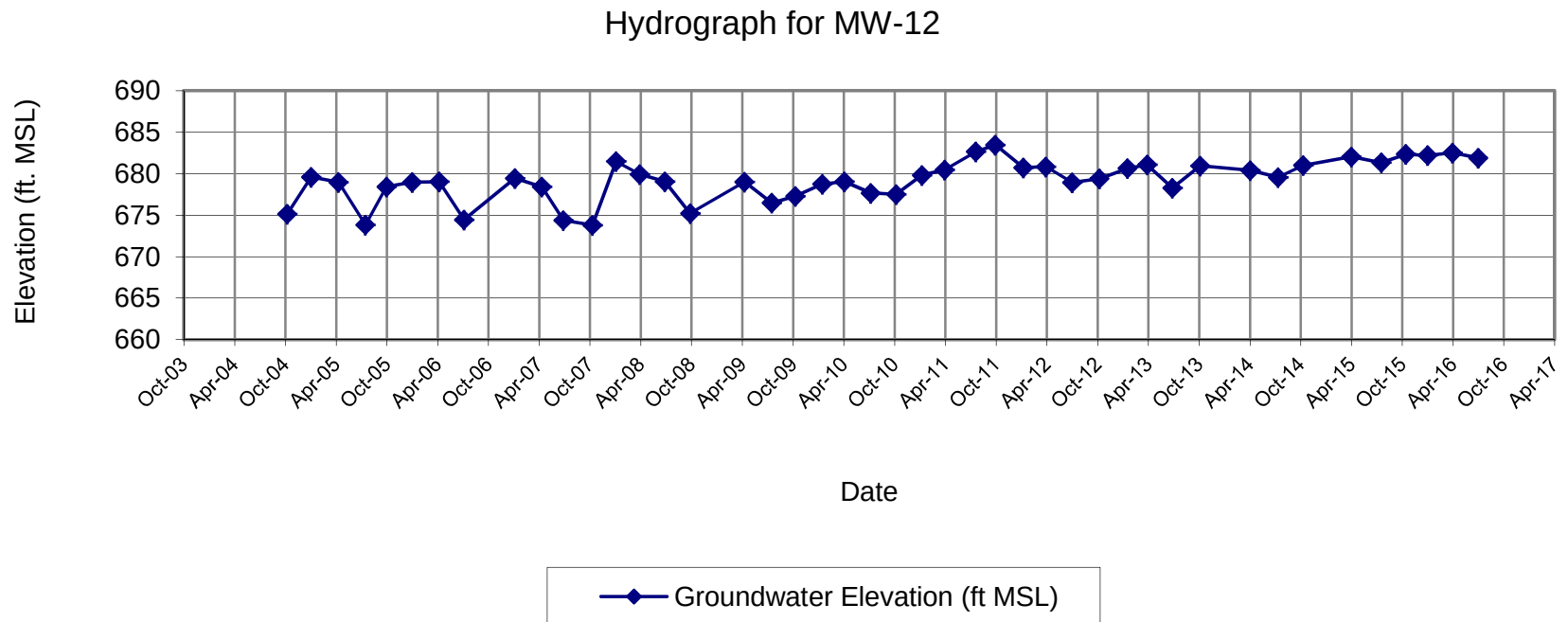
NM* - Well could not be accessed due to snow cover

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.15

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



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
1/12/2011	7.53	679.07
4/4/2011	8.00	678.60
7/25/2011	2.55	684.05
10/3/2011	1.81	684.79
1/12/2012	8.11	678.49
4/2/2012	8.06	678.54
7/5/2012	8.71	677.89
10/11/2012	9.57	677.03
1/21/2013	13.85	672.75
4/1/2013	6.44	680.16
7/1/2013	6.44	680.16
10/9/2013	4.10	682.50
1/21/2014	4.95	681.65
4/7/2014	6.02	680.58
7/16/2014	5.42	681.18
10/14/2014	4.41	682.19
1/20/2015	6.10	680.50
4/6/2015	4.69	681.91
7/22/2015	7.97	678.63
10/19/2015	3.95	682.65
1/5/2016	5.90	680.70
4/4/2016	5.05	681.60
7/5/2016	3.90	682.75

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

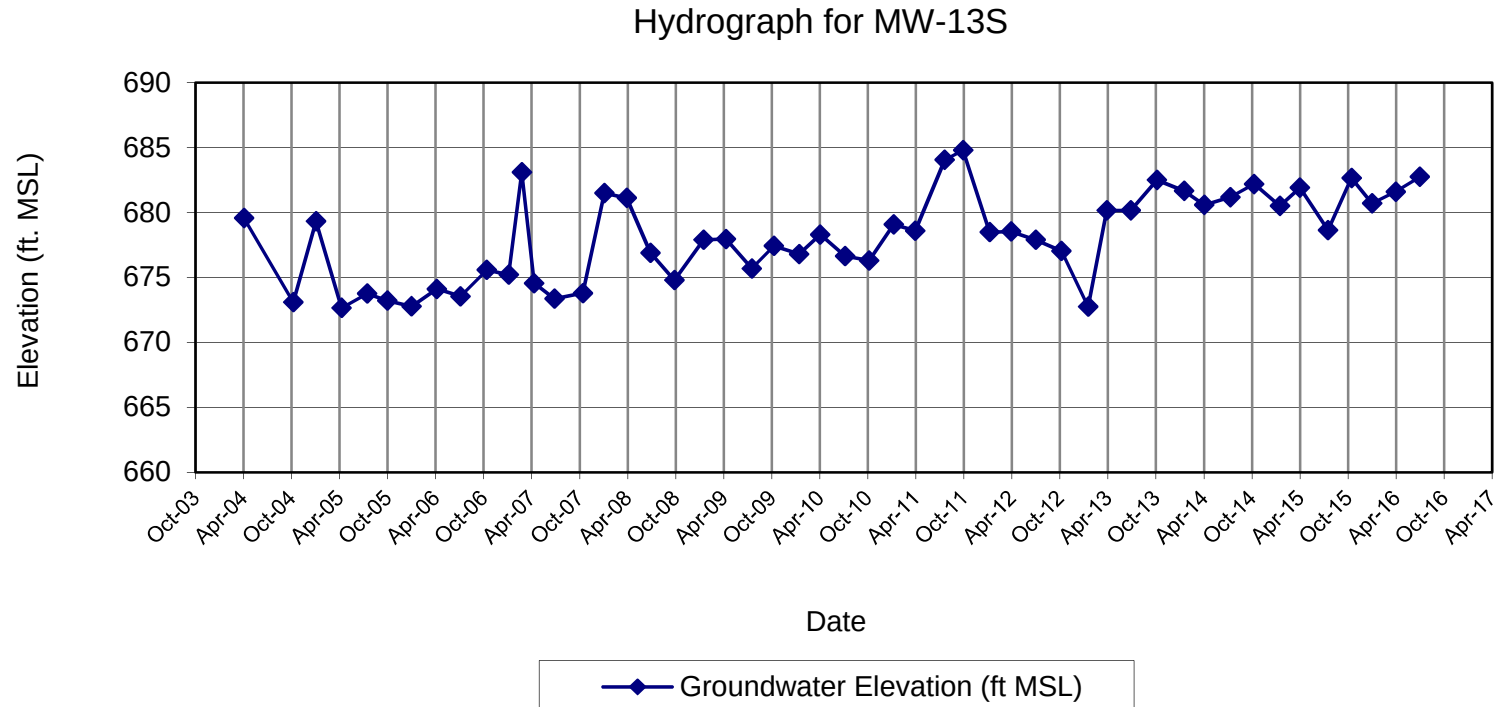
TOC Elevation - 686.57

DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.60

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



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
1/12/2011	13.2	673.53
4/4/2011	13.13	673.60
7/25/2011	3.33	683.40
10/3/2011	2.55	684.18
1/12/2012	12.34	674.39
4/2/2012	11.76	674.97
7/5/2012	9.25	677.48
10/11/2012	13.00	673.73
1/21/2013	13.85	672.88
4/1/2013	11.01	675.72
7/1/2013	14.26	672.47
10/9/2013	10.36	676.37
1/21/2014	11.45	675.28
4/7/2014	13.65	673.08
7/16/2014	10.74	675.99
10/14/2014	9.41	677.32
1/20/2015	11.02	675.71
4/6/2015	9.35	677.38
7/22/2015	7.44	679.29
10/19/2015	4.55	682.18
1/5/2016	10.31	676.42
4/4/2016	8.65	678.13
7/5/2016	5.06	681.72

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.71

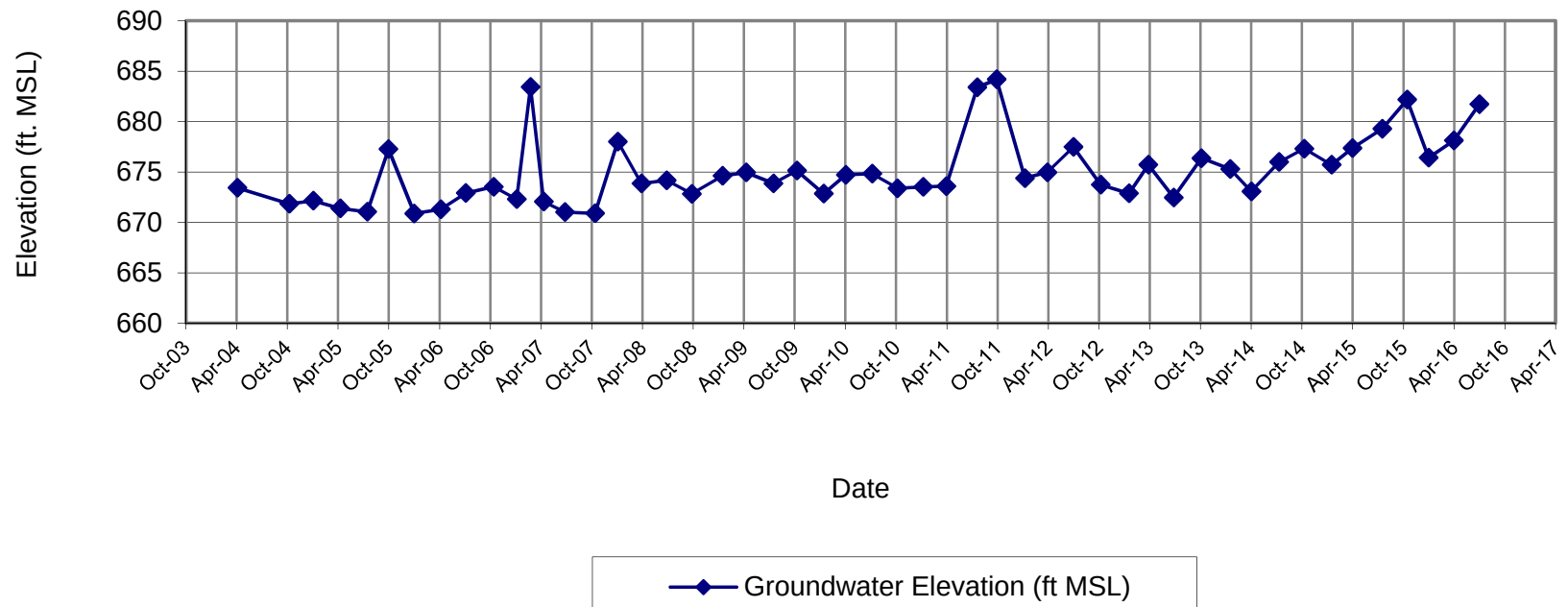
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 686.73

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

Hydrograph for MW-13D



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
1/12/2011	6.83	678.87
4/4/2011	6.34	679.36
7/25/2011	2.59	683.11
10/3/2011	1.98	683.72
1/12/2012	5.10	680.60
4/2/2012	4.55	681.15
7/5/2012	7.15	678.55
10/11/2012	6.67	679.03
1/21/2013	5.15	680.55
4/1/2013	5.05	680.65
7/1/2013	6.81	678.89
10/9/2013	5.60	680.10
1/21/2014	5.68	680.02
4/7/2014	6.03	679.67
7/16/2014	5.49	680.21
10/14/2014	5.61	680.09
1/20/2015	5.55	680.15
4/6/2015	4.58	681.12
7/22/2015	3.59	682.11
10/19/2015	3.70	682.00
1/5/2016	3.92	681.78
4/4/2016	8.80	676.94
7/5/2016	3.80	681.94

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.31

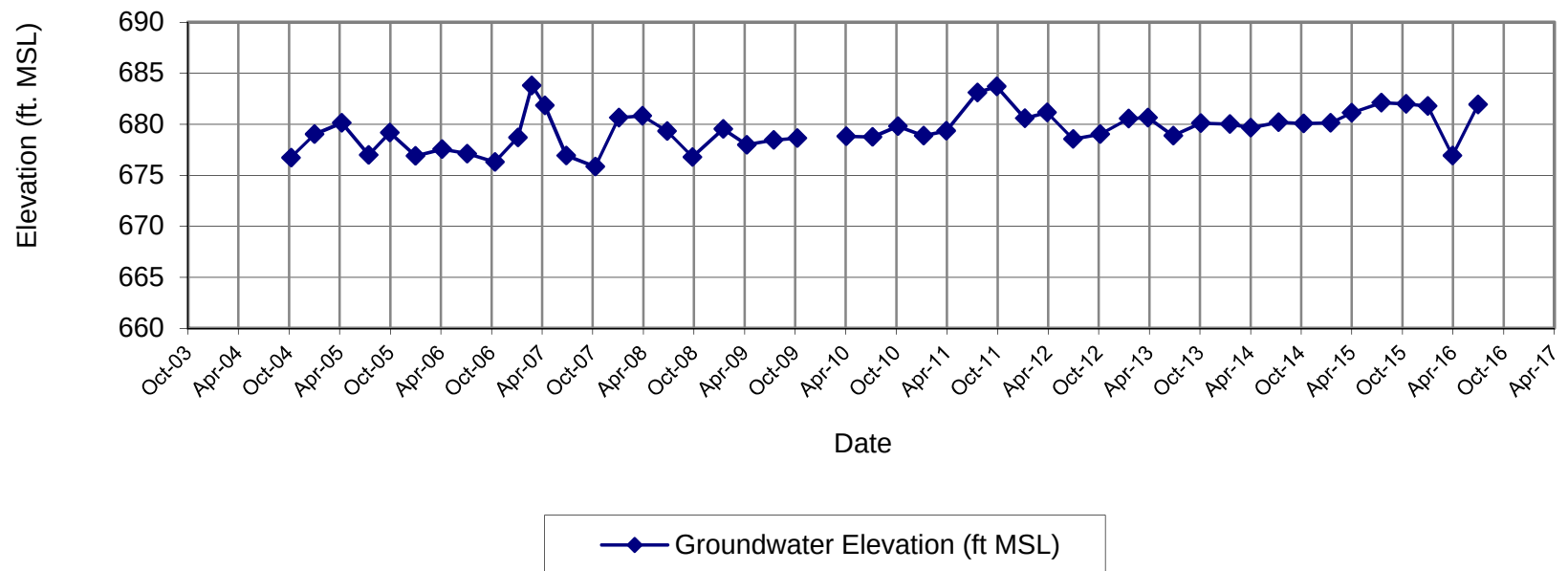
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 685.70

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

Hydrograph for MW-14S



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
1/12/2011	17.92	667.90
4/4/2011	16.23	669.59
7/25/2011	3.10	682.72
10/3/2011	2.72	683.10
1/12/2012	15.30	670.52
4/2/2012	16.50	669.32
7/5/2012	12.81	673.01
10/11/2012	14.55	671.27
1/21/2013	13.45	672.37
4/1/2013	10.78	675.04
7/1/2013	19.85	665.97
10/9/2013	10.02	675.80
1/21/2014	18.20	667.62
4/7/2014	17.95	667.87
7/16/2014	12.99	672.83
10/14/2014	10.70	675.12
1/20/2015	13.49	672.33
4/6/2015	11.30	674.52
7/22/2015	8.62	677.20
10/19/2015	4.10	681.72
1/5/2016	11.70	674.12
4/4/2016	17.98	667.90
7/5/2016	4.67	681.21

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.43

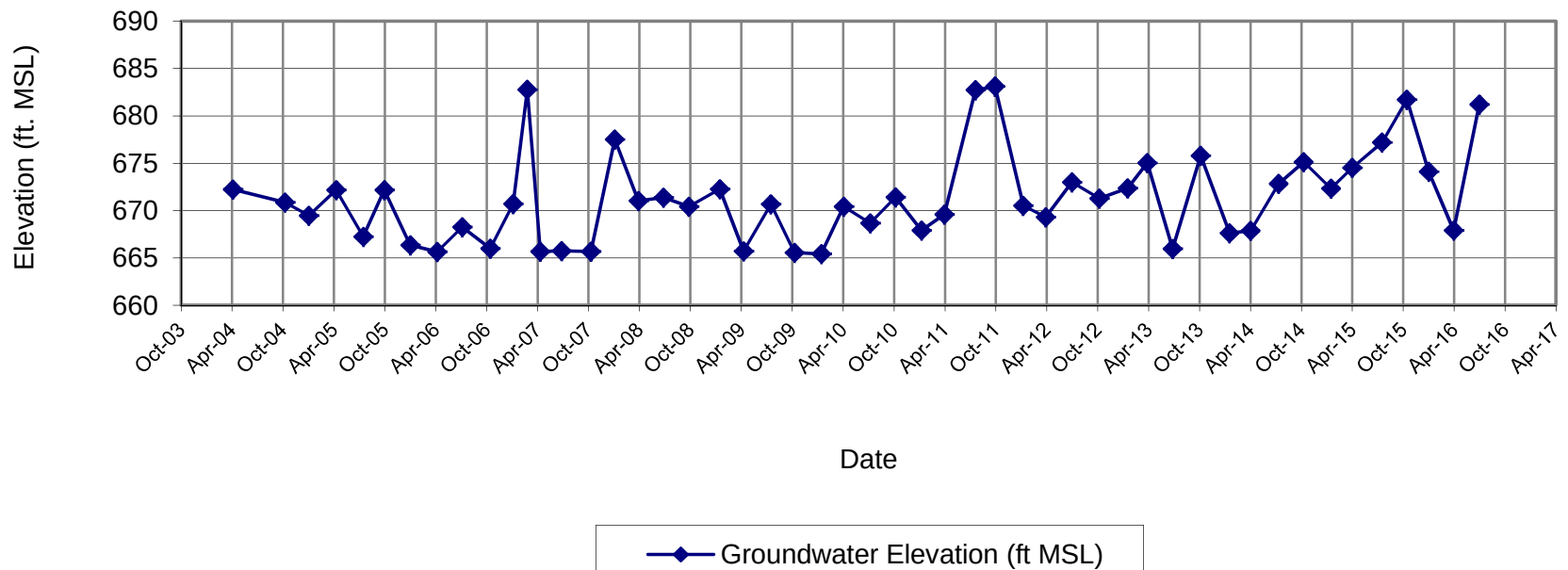
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 685.82'

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

Hydrograph for MW-14D



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
1/12/2011	1.40	686.12
4/4/2011	0.50	687.02
7/25/2011	2.51	685.01
10/3/2011	0.20	687.32
1/12/2012	0.50	687.02
4/2/2012	1.40	686.12
7/5/2012	3.90	683.62
10/1/2012	3.18	684.34
1/21/2013	0.00	687.52
4/1/2013	0.50	687.02
7/1/2013	1.73	685.79
10/9/2013	2.10	685.42
1/21/2014	1.75	685.77
4/7/2014	0.90	686.62
7/16/2014	1.91	685.61
10/14/2014	2.00	685.52
1/20/2015	1.60	685.92
4/6/2015	0.51	687.01
7/22/2015	1.41	686.11
10/19/2015	2.20	685.32
1/5/2016	1.15	686.37
4/4/2016	0.70	687.17
7/5/2016	3.61	683.56

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.64'

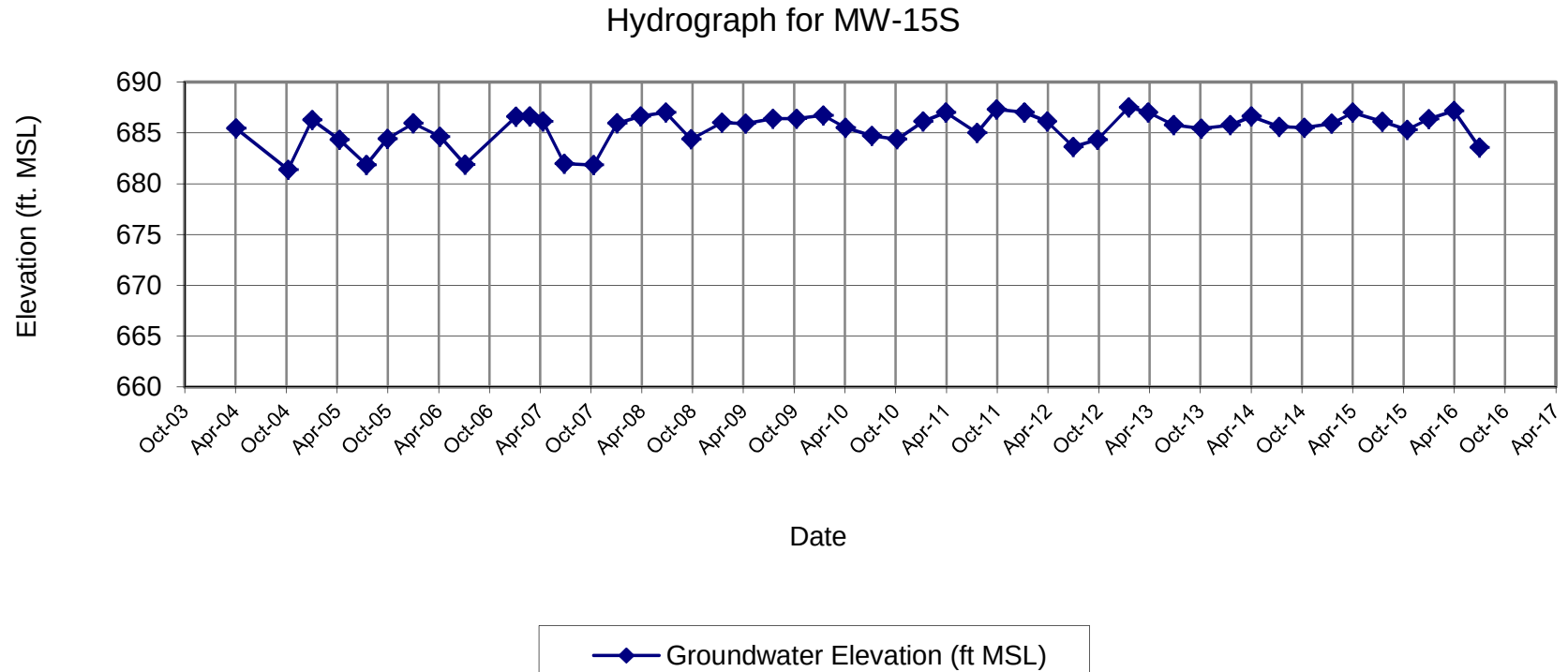
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

Measured from ground surface from 4/4/16 (687.87')

TOC Elevation as of 6/13/08 - 687.52'

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



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
1/12/2011	15.65	671.97
4/4/2011	15.51	672.11
7/25/2011	3.73	683.89
10/3/2011	3.05	684.57
1/12/2012	15.50	672.12
4/2/2012	14.30	673.32
7/5/2012	9.81	677.81
10/11/2012	13.70	673.92
1/21/2013	15.90	671.72
4/1/2013	11.08	676.54
7/1/2013	16.04	671.58
10/9/2013	13.95	673.67
1/21/2014	15.05	672.57
4/7/2014	15.84	671.78
7/16/2014	13.51	674.11
10/14/2014	12.49	675.13
1/20/2015	15.04	672.58
4/6/2015	13.15	674.47
7/22/2015	9.92	677.70
10/19/2015	6.50	681.12
1/5/2016	13.65	673.97
4/4/2016	21.70	666.17
7/5/2016	5.85	681.52

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 687.31'

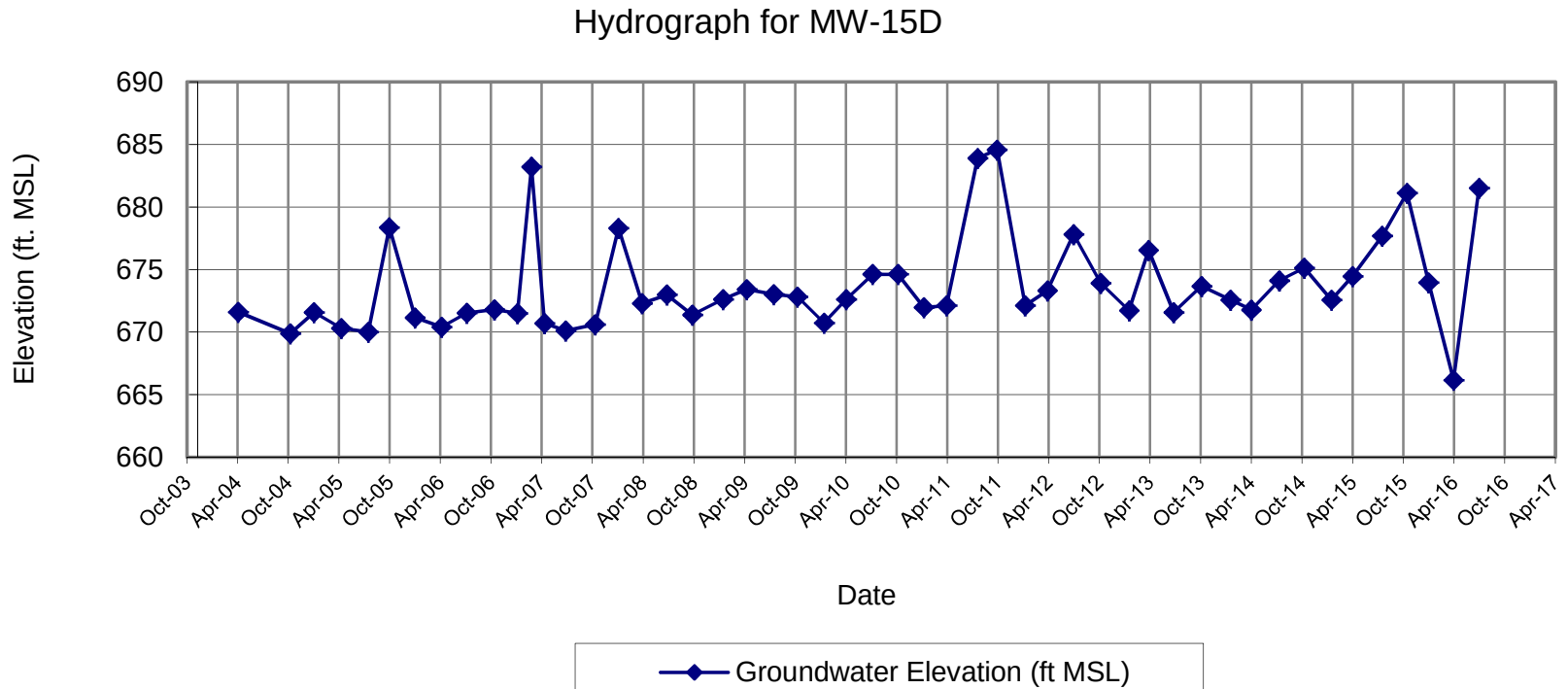
DPE and GWCT down on 2/28/07

DPE down on 1/8/08 and 10/9/13

TOC Elevation as of 6/13/08 - 687.62'

Measured from ground surface from 4/4/16 (687.87')

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



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
4/7/2011	8.55	677.29
7/25/2011	1.45	684.39
10/3/2011	0.60	685.24
1/12/2012	3.80	682.04
4/2/2012	5.85	679.99
7/5/2012	9.12	676.72
10/11/2012	6.36	679.48
1/21/2013	7.85	677.99
4/1/2013	10.15	675.69
7/1/2013	9.18	676.66
10/9/2013	3.80	682.04
1/21/2014	9.55	676.29
4/7/2014	9.60	676.24
7/16/2014	9.05	676.79
10/14/2014	3.10	682.74
1/20/2015	6.90	678.94
4/6/2015	5.50	680.34
7/22/2015	10.14	678.05
10/19/2015	5.00	683.19
1/5/2016	7.05	681.14
4/4/2016	6.38	681.77
7/5/2016	5.23	682.92

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 and 10/9/13

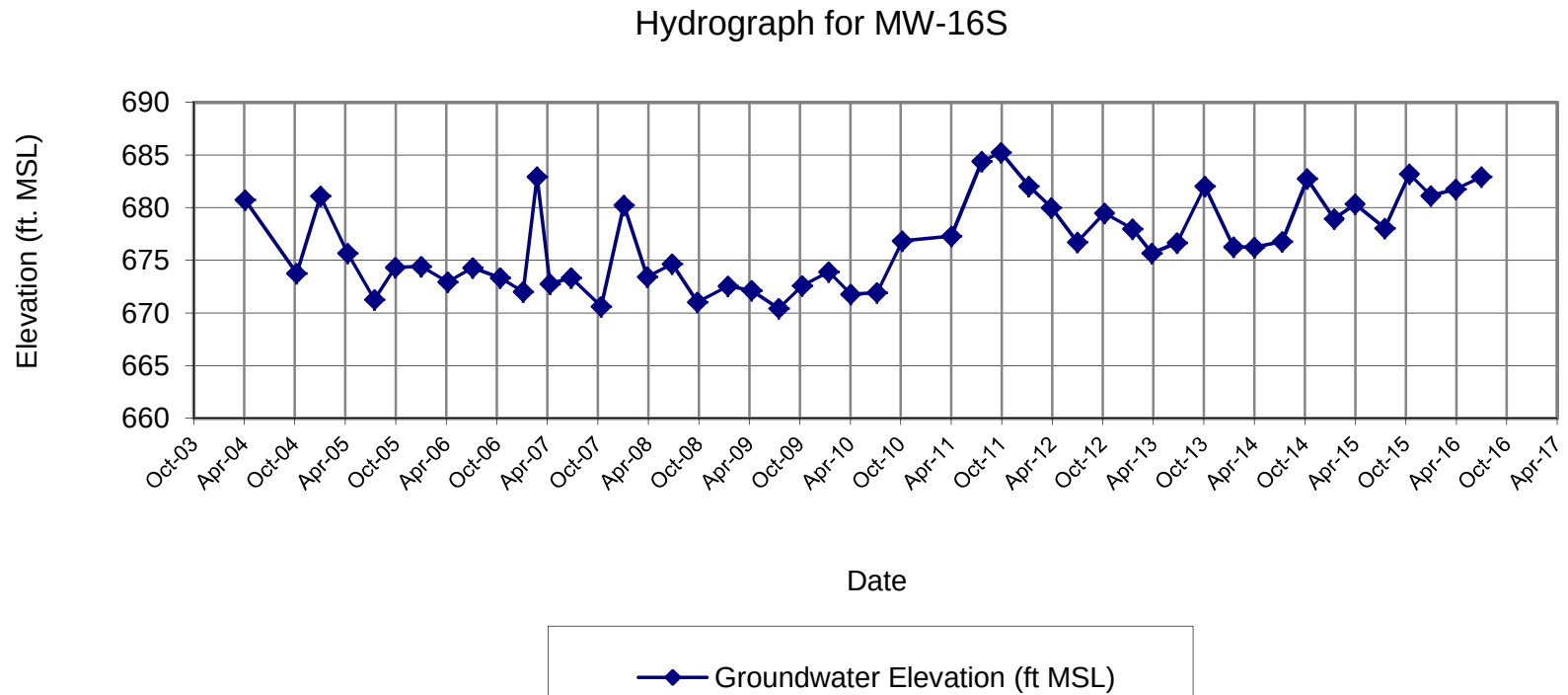
TOC Elevation as of 6/13/08 - 690.37'

TOC Elevation as of 4/7/2011 - 685.84'

TOC Elevation as of 6/2015 - 688.19'

TOC Elevation as of 2/23/2016 - 688.15'

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



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
4/7/2011	13.67	672.34
7/25/2011	2.46	683.55
10/3/2011	1.70	684.31
1/12/2012	13.55	672.46
4/2/2012	12.61	673.40
7/5/2012	8.90	677.11
10/11/2012	13.38	672.63
1/21/2013	15.44	670.57
4/1/2013	12.31	673.70
7/1/2013	16.25	669.76
10/9/2013	11.40	674.61
1/21/2014	13.35	672.66
4/7/2014	15.54	670.47
7/16/2014	11.73	674.28
10/14/2014	10.04	675.97
1/20/2015	12.31	673.70
4/6/2015	10.30	675.71
7/22/2015	9.80	678.59
10/19/2015	6.40	681.99
1/5/2016	13.00	675.39
4/4/2016	11.35	676.81
7/5/2016	6.49	681.67

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 and 10/9/13

TOC Elevation as of 6/13/08 - 690.55'

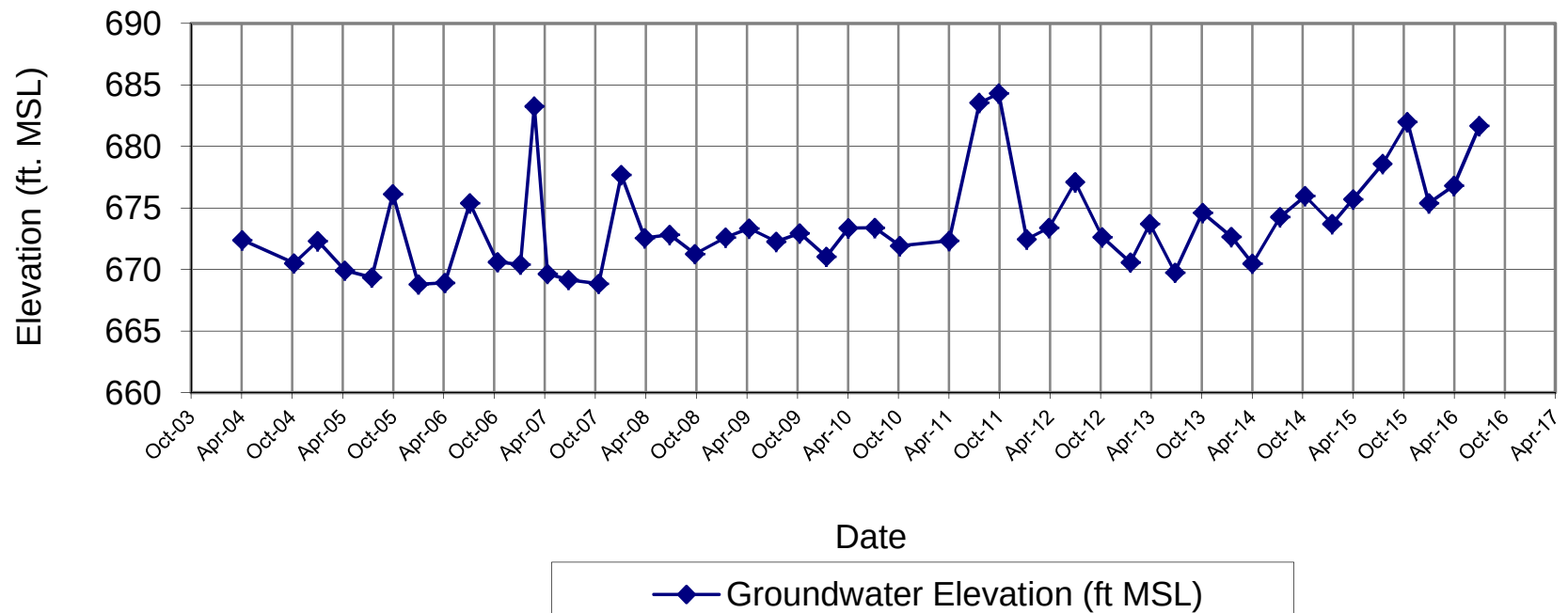
TOC Elevation as of 4/7/2011 - 686.01'

TOC Elevation as of 6/2015 - 688.39'

TOC Elevation as of 2/23/16 - 688.16'

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

Hydrograph for MW-16D





APPENDIX C

Analytical Laboratory Data (Full data reports contained on attached CD ROM)

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Burlington

30 Community Drive

Suite 11

South Burlington, VT 05403

Tel: (802)660-1990

TestAmerica Job ID: 200-34323-1

Client Project/Site: Scott Aviation site

For:

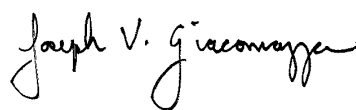
AECOM, Inc.

257 West Genesee Street

Suite 400

Buffalo, New York 14202-2657

Attn: Mr. Dino Zack



Authorized for release by:

7/20/2016 2:57:04 PM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management

(716)504-9835

brian.fischer@testamericainc.com

LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 200-34323-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 200-34323-1

Job ID: 200-34323-1

Laboratory: TestAmerica Burlington

Narrative

Job Narrative 200-34323-1

Receipt

The sample was received on 7/12/2016 9:55 AM; the sample arrived in good condition, properly preserved and, where required, on ice.

Air Toxics

Method(s) TO-15: The sample was diluted based on the results of a screen analysis that was later determined to have carry over. This was the smallest possible dilution given the limitations of the instrument.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 200-34323-1

Client Sample ID: AS EFFLUENT 3Q16

Lab Sample ID: 200-34323-1

Date Collected: 07/04/16 07:30

Matrix: Air

Date Received: 07/12/16 09:55

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.7		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,1,2,2-Tetrachloroethane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,1,2-Trichloroethane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,1-Dichloroethane	11		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,1-Dichloroethene	3.1		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,2,4-Trichlorobenzene	0.81	U	0.81	0.81	ppb v/v			07/18/16 13:35	1.61
1,2,4-Trimethylbenzene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,2-Dibromoethane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,2-Dichlorobenzene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,2-Dichloroethane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,2-Dichloroethene, Total	28		0.64	0.64	ppb v/v			07/18/16 13:35	1.61
1,2-Dichloropropane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,2-Dichlorotetrafluoroethane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,3,5-Trimethylbenzene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,3-Butadiene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,3-Dichlorobenzene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,4-Dichlorobenzene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
1,4-Dioxane	8.1	U	8.1	8.1	ppb v/v			07/18/16 13:35	1.61
2,2,4-Trimethylpentane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
2-Chlorotoluene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
3-Chloropropene	0.81	U	0.81	0.81	ppb v/v			07/18/16 13:35	1.61
4-Ethyltoluene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Acetone	8.2		8.1	8.1	ppb v/v			07/18/16 13:35	1.61
Benzene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Bromodichloromethane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Bromoethene(Vinyl Bromide)	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Bromoform	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Bromomethane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Carbon disulfide	0.81	U	0.81	0.81	ppb v/v			07/18/16 13:35	1.61
Carbon tetrachloride	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Chlorobenzene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Chloroethane	16		0.81	0.81	ppb v/v			07/18/16 13:35	1.61
Chloroform	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Chloromethane	0.81	U	0.81	0.81	ppb v/v			07/18/16 13:35	1.61
cis-1,2-Dichloroethene	28		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
cis-1,3-Dichloropropene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Cyclohexane	0.41		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Dibromochloromethane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Dichlorodifluoromethane	0.81	U	0.81	0.81	ppb v/v			07/18/16 13:35	1.61
Ethylbenzene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Freon TF	1.3		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Hexachlorobutadiene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Isopropyl alcohol	8.1	U	8.1	8.1	ppb v/v			07/18/16 13:35	1.61
m,p-Xylene	0.81	U	0.81	0.81	ppb v/v			07/18/16 13:35	1.61
Methyl Butyl Ketone (2-Hexanone)	0.81	U	0.81	0.81	ppb v/v			07/18/16 13:35	1.61
Methyl Ethyl Ketone	6.0		0.81	0.81	ppb v/v			07/18/16 13:35	1.61
methyl isobutyl ketone	0.81	U	0.81	0.81	ppb v/v			07/18/16 13:35	1.61
Methyl tert-butyl ether	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61

TestAmerica Burlington

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 200-34323-1

Client Sample ID: AS EFFLUENT 3Q16

Lab Sample ID: 200-34323-1

Date Collected: 07/04/16 07:30

Matrix: Air

Date Received: 07/12/16 09:55

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.81	U	0.81	0.81	ppb v/v			07/18/16 13:35	1.61
n-Heptane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
n-Hexane	0.67		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Styrene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
tert-Butyl alcohol	8.1	U	8.1	8.1	ppb v/v			07/18/16 13:35	1.61
Tetrachloroethene	3.8		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Tetrahydrofuran	13		8.1	8.1	ppb v/v			07/18/16 13:35	1.61
Toluene	1.4		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
trans-1,2-Dichloroethene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
trans-1,3-Dichloropropene	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Trichloroethene	1.2		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Trichlorofluoromethane	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Vinyl chloride	1.4		0.32	0.32	ppb v/v			07/18/16 13:35	1.61
Xylene (total)	1.1	U	1.1	1.1	ppb v/v			07/18/16 13:35	1.61
Xylene, o-	0.32	U	0.32	0.32	ppb v/v			07/18/16 13:35	1.61

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	9.1		1.8	1.8	ug/m3			07/18/16 13:35	1.61
1,1,2,2-Tetrachloroethane	2.2	U	2.2	2.2	ug/m3			07/18/16 13:35	1.61
1,1,2-Trichloroethane	1.8	U	1.8	1.8	ug/m3			07/18/16 13:35	1.61
1,1-Dichloroethane	43		1.3	1.3	ug/m3			07/18/16 13:35	1.61
1,1-Dichloroethene	12		1.3	1.3	ug/m3			07/18/16 13:35	1.61
1,2,4-Trichlorobenzene	6.0	U	6.0	6.0	ug/m3			07/18/16 13:35	1.61
1,2,4-Trimethylbenzene	1.6	U	1.6	1.6	ug/m3			07/18/16 13:35	1.61
1,2-Dibromoethane	2.5	U	2.5	2.5	ug/m3			07/18/16 13:35	1.61
1,2-Dichlorobenzene	1.9	U	1.9	1.9	ug/m3			07/18/16 13:35	1.61
1,2-Dichloroethane	1.3	U	1.3	1.3	ug/m3			07/18/16 13:35	1.61
1,2-Dichloroethene, Total	110		2.6	2.6	ug/m3			07/18/16 13:35	1.61
1,2-Dichloropropane	1.5	U	1.5	1.5	ug/m3			07/18/16 13:35	1.61
1,2-Dichlorotetrafluoroethane	2.3	U	2.3	2.3	ug/m3			07/18/16 13:35	1.61
1,3,5-Trimethylbenzene	1.6	U	1.6	1.6	ug/m3			07/18/16 13:35	1.61
1,3-Butadiene	0.71	U	0.71	0.71	ug/m3			07/18/16 13:35	1.61
1,3-Dichlorobenzene	1.9	U	1.9	1.9	ug/m3			07/18/16 13:35	1.61
1,4-Dichlorobenzene	1.9	U	1.9	1.9	ug/m3			07/18/16 13:35	1.61
1,4-Dioxane	29	U	29	29	ug/m3			07/18/16 13:35	1.61
2,2,4-Trimethylpentane	1.5	U	1.5	1.5	ug/m3			07/18/16 13:35	1.61
2-Chlorotoluene	1.7	U	1.7	1.7	ug/m3			07/18/16 13:35	1.61
3-Chloropropene	2.5	U	2.5	2.5	ug/m3			07/18/16 13:35	1.61
4-Ethyltoluene	1.6	U	1.6	1.6	ug/m3			07/18/16 13:35	1.61
Acetone	20		19	19	ug/m3			07/18/16 13:35	1.61
Benzene	1.0	U	1.0	1.0	ug/m3			07/18/16 13:35	1.61
Bromodichloromethane	2.2	U	2.2	2.2	ug/m3			07/18/16 13:35	1.61
Bromoethene(Vinyl Bromide)	1.4	U	1.4	1.4	ug/m3			07/18/16 13:35	1.61
Bromoform	3.3	U	3.3	3.3	ug/m3			07/18/16 13:35	1.61
Bromomethane	1.3	U	1.3	1.3	ug/m3			07/18/16 13:35	1.61
Carbon disulfide	2.5	U	2.5	2.5	ug/m3			07/18/16 13:35	1.61
Carbon tetrachloride	2.0	U	2.0	2.0	ug/m3			07/18/16 13:35	1.61
Chlorobenzene	1.5	U	1.5	1.5	ug/m3			07/18/16 13:35	1.61
Chloroethane	41		2.1	2.1	ug/m3			07/18/16 13:35	1.61

TestAmerica Burlington

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 200-34323-1

Client Sample ID: AS EFFLUENT 3Q16

Lab Sample ID: 200-34323-1

Date Collected: 07/04/16 07:30

Matrix: Air

Date Received: 07/12/16 09:55

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	1.6	U	1.6	1.6	ug/m3			07/18/16 13:35	1.61
Chloromethane	1.7	U	1.7	1.7	ug/m3			07/18/16 13:35	1.61
cis-1,2-Dichloroethene	110		1.3	1.3	ug/m3			07/18/16 13:35	1.61
cis-1,3-Dichloropropene	1.5	U	1.5	1.5	ug/m3			07/18/16 13:35	1.61
Cyclohexane	1.4		1.1	1.1	ug/m3			07/18/16 13:35	1.61
Dibromochloromethane	2.7	U	2.7	2.7	ug/m3			07/18/16 13:35	1.61
Dichlorodifluoromethane	4.0	U	4.0	4.0	ug/m3			07/18/16 13:35	1.61
Ethylbenzene	1.4	U	1.4	1.4	ug/m3			07/18/16 13:35	1.61
Freon TF	10		2.5	2.5	ug/m3			07/18/16 13:35	1.61
Hexachlorobutadiene	3.4	U	3.4	3.4	ug/m3			07/18/16 13:35	1.61
Isopropyl alcohol	20	U	20	20	ug/m3			07/18/16 13:35	1.61
m,p-Xylene	3.5	U	3.5	3.5	ug/m3			07/18/16 13:35	1.61
Methyl Butyl Ketone (2-Hexanone)	3.3	U	3.3	3.3	ug/m3			07/18/16 13:35	1.61
Methyl Ethyl Ketone	18		2.4	2.4	ug/m3			07/18/16 13:35	1.61
methyl isobutyl ketone	3.3	U	3.3	3.3	ug/m3			07/18/16 13:35	1.61
Methyl tert-butyl ether	1.2	U	1.2	1.2	ug/m3			07/18/16 13:35	1.61
Methylene Chloride	2.8	U	2.8	2.8	ug/m3			07/18/16 13:35	1.61
n-Heptane	1.3	U	1.3	1.3	ug/m3			07/18/16 13:35	1.61
n-Hexane	2.4		1.1	1.1	ug/m3			07/18/16 13:35	1.61
Styrene	1.4	U	1.4	1.4	ug/m3			07/18/16 13:35	1.61
tert-Butyl alcohol	24	U	24	24	ug/m3			07/18/16 13:35	1.61
Tetrachloroethene	26		2.2	2.2	ug/m3			07/18/16 13:35	1.61
Tetrahydrofuran	38		24	24	ug/m3			07/18/16 13:35	1.61
Toluene	5.4		1.2	1.2	ug/m3			07/18/16 13:35	1.61
trans-1,2-Dichloroethene	1.3	U	1.3	1.3	ug/m3			07/18/16 13:35	1.61
trans-1,3-Dichloropropene	1.5	U	1.5	1.5	ug/m3			07/18/16 13:35	1.61
Trichloroethene	6.2		1.7	1.7	ug/m3			07/18/16 13:35	1.61
Trichlorofluoromethane	1.8	U	1.8	1.8	ug/m3			07/18/16 13:35	1.61
Vinyl chloride	3.7		0.82	0.82	ug/m3			07/18/16 13:35	1.61
Xylene (total)	4.9	U	4.9	4.9	ug/m3			07/18/16 13:35	1.61
Xylene, o-	1.4	U	1.4	1.4	ug/m3			07/18/16 13:35	1.61

TestAmerica Burlington

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 200-34323-1

Client Sample ID: AS EFFLUENT 3Q16

Lab Sample ID: 200-34323-1

Date Collected: 07/04/16 07:30

Matrix: Air

Date Received: 07/12/16 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.61	107155	07/18/16 13:35	GGG	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 200-34323-1

Laboratory: TestAmerica Burlington

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-17
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-02-17
Florida	NELAP	4	E87467	06-30-16 *
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-17
Minnesota	NELAP	5	050-999-436	12-31-16
New Hampshire	NELAP	1	2006	12-18-16
New Jersey	NELAP	2	VT972	06-30-17
New York	NELAP	2	10391	04-01-17 *
Pennsylvania	NELAP	3	68-00489	04-30-17
Rhode Island	State Program	1	LAO00298	12-30-16
US Fish & Wildlife	Federal		LE-058448-0	10-31-16
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-16
Virginia	NELAP	3	460209	12-14-16

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17

* Certification renewal pending - certification considered valid.

TestAmerica Burlington

Method Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 200-34323-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 200-34323-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-34323-1	AS EFFLUENT 3Q16	Air	07/04/16 07:30	07/12/16 09:55

1

2

3

4

5

6

7

8

9

10

11

Canister Samples Chain of Custody Record

phone 802-660-1990 fax 802-660-1919

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

[illegible]

Condition:

From:
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST, NY 14228
(716) 691-2600

Ship Date: 07JUL16
ActWgt: 6.8 LB
CAD: 846654/CAFE2912

TO **SAMPLE MGT.**
TA BURLINGTON

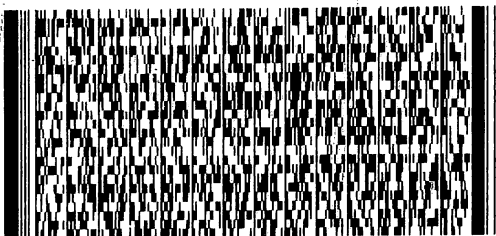
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403

(US)

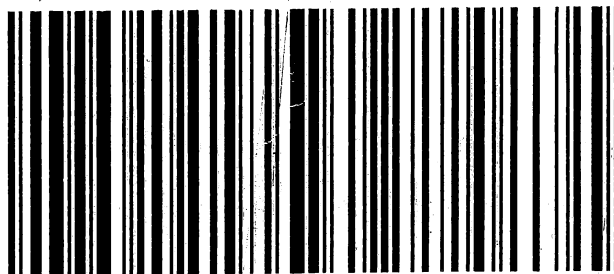
(802) 660-1990
FedEx
Ground



Ref: BURLINGTON
Dept: SAMPLE CONTROL



1
of
1



(9612422) 2377774 30071963

GND
BILL - RECP

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 200-34323-1

Login Number: 34323

List Number: 1

Creator: Lavigne III, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	693520, 584640
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 200-34323-1

Login Number: 34323

List Source: TestAmerica Burlington

List Number: 2

Creator: Lavigne III, Scott M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-102662-1

Client Project/Site: Scott Aviation site

For:

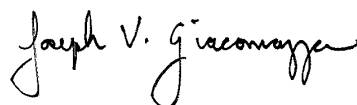
AECOM, Inc.

257 West Genesee Street

Suite 400

Buffalo, New York 14202-2657

Attn: Mr. Dino Zack



Authorized for release by:

7/19/2016 8:46:21 AM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management

(716)504-9835

brian.fischer@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Job ID: 480-102662-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-102662-1

Receipt

The samples were received on 7/6/2016 5:15 PM and 7/8/2016 5:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.7° C and 5.2° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-309956 recovered outside acceptance criteria, low biased, for 1,1,2,2-Tetrachloroethane and 2-Hexanone. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported. The following samples are impacted: MW-2 (480-102662-3), GWCT (480-102662-4), MW-11 (480-102662-5), MW-3 (480-102662-6), MW-12 (480-102662-7), DPE-2 (480-102662-8), DPE-1 (480-102662-9), MW-13D (480-102662-12), DPE-5 (480-102662-13) and Trip Blank (480-102662-14).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-13D (480-102662-12) and DPE-5 (480-102662-13). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-12 (480-102662-7), DPE-2 (480-102662-8) and DPE-1 (480-102662-9). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-16S (480-102662-1), DPE-4 (480-102662-10), MW-13S (480-102662-11) and DPE-5 (480-102662-13). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: MW-13S (480-102662-11). The sample was analyzed within 7 days per EPA recommendation.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-310009 recovered outside acceptance criteria, low biased, for 4-Methyl-2-pentanone (MIBK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: MW-16S (480-102662-1), DPE-4 (480-102662-10), MW-13S (480-102662-11) and DPE-5 (480-102662-13).

Method(s) 8260C: The results reported for the following samples do not concur with results previously reported for this site: MW-16S (480-102662-1) and MW-13S (480-102662-11). Reanalysis was performed, and the results confirmed.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-16D (480-102662-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: DPE-8 (480-102824-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: DPE-3 (480-102824-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-310370 recovered outside acceptance criteria, low biased, for Methylcyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported for the following affected samples MW-6 (480-102824-1), MW-10 (480-102824-2), DPE-3 (480-102824-3), DPE-8 (480-102824-5) and Rinse Blank (480-102824-7).

Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: DPE-7 (480-102824-4), (480-102824-B-4 MS) and (480-102824-B-4 MSD). The samples were analyzed within 7 days per EPA recommendation.

Case Narrative

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Job ID: 480-102662-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: DPE-7 (480-102824-4), (480-102824-B-4 MS) and (480-102824-B-4 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: MW-4 (480-102824-9), (480-102824-B-9 MS) and (480-102824-B-9 MSD). The sample was analyzed within 7 days per EPA recommendation.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-8R (480-102824-8), MW-4 (480-102824-9), (480-102824-B-9 MS) and (480-102824-B-9 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The results reported for the following samples do not concur with results previously reported for this site: MW-8R (480-102824-8) and MW-4 (480-102824-9). Reanalysis was performed, and the results confirmed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-16S

Date Collected: 07/05/16 15:10

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2000	1600	ug/L			07/07/16 13:50	2000
1,1,2,2-Tetrachloroethane	ND		2000	420	ug/L			07/07/16 13:50	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620	ug/L			07/07/16 13:50	2000
1,1,2-Trichloroethane	ND		2000	460	ug/L			07/07/16 13:50	2000
1,1-Dichloroethane	2000		2000	760	ug/L			07/07/16 13:50	2000
1,1-Dichloroethene	ND		2000	580	ug/L			07/07/16 13:50	2000
1,2,4-Trichlorobenzene	ND		2000	820	ug/L			07/07/16 13:50	2000
1,2-Dibromo-3-Chloropropane	ND		2000	780	ug/L			07/07/16 13:50	2000
1,2-Dibromoethane	ND		2000	1500	ug/L			07/07/16 13:50	2000
1,2-Dichlorobenzene	ND		2000	1600	ug/L			07/07/16 13:50	2000
1,2-Dichloroethane	ND		2000	420	ug/L			07/07/16 13:50	2000
1,2-Dichloropropane	ND		2000	1400	ug/L			07/07/16 13:50	2000
1,3-Dichlorobenzene	ND		2000	1600	ug/L			07/07/16 13:50	2000
1,4-Dichlorobenzene	ND		2000	1700	ug/L			07/07/16 13:50	2000
2-Butanone (MEK)	ND		20000	2600	ug/L			07/07/16 13:50	2000
2-Hexanone	ND		10000	2500	ug/L			07/07/16 13:50	2000
4-Methyl-2-pentanone (MIBK)	ND		10000	4200	ug/L			07/07/16 13:50	2000
Acetone	ND		20000	6000	ug/L			07/07/16 13:50	2000
Benzene	ND		2000	820	ug/L			07/07/16 13:50	2000
Bromodichloromethane	ND		2000	780	ug/L			07/07/16 13:50	2000
Bromoform	ND		2000	520	ug/L			07/07/16 13:50	2000
Bromomethane	ND		2000	1400	ug/L			07/07/16 13:50	2000
Carbon disulfide	ND		2000	380	ug/L			07/07/16 13:50	2000
Carbon tetrachloride	ND		2000	540	ug/L			07/07/16 13:50	2000
Chlorobenzene	ND		2000	1500	ug/L			07/07/16 13:50	2000
Chloroethane	ND		2000	640	ug/L			07/07/16 13:50	2000
Chloroform	ND		2000	680	ug/L			07/07/16 13:50	2000
Chloromethane	ND		2000	700	ug/L			07/07/16 13:50	2000
cis-1,2-Dichloroethene	ND		2000	1600	ug/L			07/07/16 13:50	2000
cis-1,3-Dichloropropene	ND		2000	720	ug/L			07/07/16 13:50	2000
Cyclohexane	ND		2000	360	ug/L			07/07/16 13:50	2000
Dibromochloromethane	ND		2000	640	ug/L			07/07/16 13:50	2000
Dichlorodifluoromethane	ND		2000	1400	ug/L			07/07/16 13:50	2000
Ethylbenzene	ND		2000	1500	ug/L			07/07/16 13:50	2000
Isopropylbenzene	ND		2000	1600	ug/L			07/07/16 13:50	2000
Methyl acetate	ND		5000	2600	ug/L			07/07/16 13:50	2000
Methyl tert-butyl ether	ND		2000	320	ug/L			07/07/16 13:50	2000
Methylcyclohexane	ND		2000	320	ug/L			07/07/16 13:50	2000
Methylene Chloride	ND		2000	880	ug/L			07/07/16 13:50	2000
Styrene	ND		2000	1500	ug/L			07/07/16 13:50	2000
Tetrachloroethene	ND		2000	720	ug/L			07/07/16 13:50	2000
Toluene	ND		2000	1000	ug/L			07/07/16 13:50	2000
trans-1,2-Dichloroethene	ND		2000	1800	ug/L			07/07/16 13:50	2000
trans-1,3-Dichloropropene	ND		2000	740	ug/L			07/07/16 13:50	2000
Trichloroethene	ND		2000	920	ug/L			07/07/16 13:50	2000
Trichlorofluoromethane	ND		2000	1800	ug/L			07/07/16 13:50	2000
Vinyl chloride	80000		2000	1800	ug/L			07/07/16 13:50	2000
Xylenes, Total	ND		4000	1300	ug/L			07/07/16 13:50	2000

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-16S

Date Collected: 07/05/16 15:10

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-1

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		07/07/16 13:50	2000
4-Bromofluorobenzene (Surr)	103		73 - 120		07/07/16 13:50	2000
Toluene-d8 (Surr)	90		71 - 126		07/07/16 13:50	2000

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-16D

Date Collected: 07/05/16 15:40

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/08/16 05:36	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/08/16 05:36	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/08/16 05:36	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/08/16 05:36	10
1,1-Dichloroethane	33		10	3.8	ug/L			07/08/16 05:36	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/08/16 05:36	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/08/16 05:36	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/08/16 05:36	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/08/16 05:36	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/08/16 05:36	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/08/16 05:36	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/08/16 05:36	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/08/16 05:36	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/08/16 05:36	10
2-Butanone (MEK)	ND		100	13	ug/L			07/08/16 05:36	10
2-Hexanone	ND		50	12	ug/L			07/08/16 05:36	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			07/08/16 05:36	10
Acetone	ND		100	30	ug/L			07/08/16 05:36	10
Benzene	ND		10	4.1	ug/L			07/08/16 05:36	10
Bromodichloromethane	ND		10	3.9	ug/L			07/08/16 05:36	10
Bromoform	ND		10	2.6	ug/L			07/08/16 05:36	10
Bromomethane	ND		10	6.9	ug/L			07/08/16 05:36	10
Carbon disulfide	ND		10	1.9	ug/L			07/08/16 05:36	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/08/16 05:36	10
Chlorobenzene	ND		10	7.5	ug/L			07/08/16 05:36	10
Chloroethane	320		10	3.2	ug/L			07/08/16 05:36	10
Chloroform	ND		10	3.4	ug/L			07/08/16 05:36	10
Chloromethane	ND		10	3.5	ug/L			07/08/16 05:36	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			07/08/16 05:36	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/08/16 05:36	10
Cyclohexane	ND		10	1.8	ug/L			07/08/16 05:36	10
Dibromochloromethane	ND		10	3.2	ug/L			07/08/16 05:36	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/08/16 05:36	10
Ethylbenzene	ND		10	7.4	ug/L			07/08/16 05:36	10
Isopropylbenzene	ND		10	7.9	ug/L			07/08/16 05:36	10
Methyl acetate	ND		25	13	ug/L			07/08/16 05:36	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/08/16 05:36	10
Methylcyclohexane	ND		10	1.6	ug/L			07/08/16 05:36	10
Methylene Chloride	ND		10	4.4	ug/L			07/08/16 05:36	10
Styrene	ND		10	7.3	ug/L			07/08/16 05:36	10
Tetrachloroethene	ND		10	3.6	ug/L			07/08/16 05:36	10
Toluene	ND		10	5.1	ug/L			07/08/16 05:36	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/08/16 05:36	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/08/16 05:36	10
Trichloroethene	ND		10	4.6	ug/L			07/08/16 05:36	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/08/16 05:36	10
Vinyl chloride	13		10	9.0	ug/L			07/08/16 05:36	10
Xylenes, Total	ND		20	6.6	ug/L			07/08/16 05:36	10

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-16D

Date Collected: 07/05/16 15:40

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-2

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	91		66 - 137		07/08/16 05:36	10
4-Bromofluorobenzene (Surr)	107		73 - 120		07/08/16 05:36	10
Toluene-d8 (Surr)	89		71 - 126		07/08/16 05:36	10

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-2
Date Collected: 07/05/16 14:20
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/07/16 04:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/07/16 04:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/07/16 04:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/07/16 04:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/07/16 04:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/07/16 04:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/07/16 04:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/07/16 04:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/07/16 04:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/07/16 04:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/07/16 04:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/07/16 04:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/07/16 04:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/07/16 04:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/07/16 04:51	1
2-Hexanone	ND		5.0	1.2	ug/L			07/07/16 04:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/07/16 04:51	1
Acetone	3.7	J	10	3.0	ug/L			07/07/16 04:51	1
Benzene	ND		1.0	0.41	ug/L			07/07/16 04:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/07/16 04:51	1
Bromoform	ND		1.0	0.26	ug/L			07/07/16 04:51	1
Bromomethane	ND		1.0	0.69	ug/L			07/07/16 04:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/07/16 04:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/07/16 04:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/07/16 04:51	1
Chloroethane	ND		1.0	0.32	ug/L			07/07/16 04:51	1
Chloroform	ND		1.0	0.34	ug/L			07/07/16 04:51	1
Chloromethane	ND		1.0	0.35	ug/L			07/07/16 04:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/07/16 04:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/07/16 04:51	1
Cyclohexane	ND		1.0	0.18	ug/L			07/07/16 04:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/07/16 04:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/07/16 04:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/07/16 04:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/07/16 04:51	1
Methyl acetate	ND		2.5	1.3	ug/L			07/07/16 04:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/07/16 04:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/07/16 04:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/07/16 04:51	1
Styrene	ND		1.0	0.73	ug/L			07/07/16 04:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/07/16 04:51	1
Toluene	ND		1.0	0.51	ug/L			07/07/16 04:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/07/16 04:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/07/16 04:51	1
Trichloroethene	ND		1.0	0.46	ug/L			07/07/16 04:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/07/16 04:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/07/16 04:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/07/16 04:51	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-2

Date Collected: 07/05/16 14:20

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-3

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		07/07/16 04:51	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/07/16 04:51	1
Toluene-d8 (Surr)	92		71 - 126		07/07/16 04:51	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: GWCT
Date Collected: 07/05/16 13:10
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/07/16 04:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/07/16 04:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/07/16 04:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/07/16 04:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/07/16 04:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/07/16 04:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/07/16 04:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/07/16 04:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/07/16 04:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/07/16 04:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/07/16 04:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/07/16 04:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/07/16 04:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/07/16 04:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/07/16 04:24	1
2-Hexanone	ND		5.0	1.2	ug/L			07/07/16 04:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/07/16 04:24	1
Acetone	ND		10	3.0	ug/L			07/07/16 04:24	1
Benzene	ND		1.0	0.41	ug/L			07/07/16 04:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/07/16 04:24	1
Bromoform	ND		1.0	0.26	ug/L			07/07/16 04:24	1
Bromomethane	ND		1.0	0.69	ug/L			07/07/16 04:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/07/16 04:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/07/16 04:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/07/16 04:24	1
Chloroethane	70		1.0	0.32	ug/L			07/07/16 04:24	1
Chloroform	ND		1.0	0.34	ug/L			07/07/16 04:24	1
Chloromethane	ND		1.0	0.35	ug/L			07/07/16 04:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/07/16 04:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/07/16 04:24	1
Cyclohexane	ND		1.0	0.18	ug/L			07/07/16 04:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/07/16 04:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/07/16 04:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/07/16 04:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/07/16 04:24	1
Methyl acetate	ND		2.5	1.3	ug/L			07/07/16 04:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/07/16 04:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/07/16 04:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/07/16 04:24	1
Styrene	ND		1.0	0.73	ug/L			07/07/16 04:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/07/16 04:24	1
Toluene	ND		1.0	0.51	ug/L			07/07/16 04:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/07/16 04:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/07/16 04:24	1
Trichloroethene	ND		1.0	0.46	ug/L			07/07/16 04:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/07/16 04:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/07/16 04:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/07/16 04:24	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: GWCT
Date Collected: 07/05/16 13:10
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-4
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		07/07/16 04:24	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/07/16 04:24	1
Toluene-d8 (Surr)	92		71 - 126		07/07/16 04:24	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-11

Date Collected: 07/05/16 12:55

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/07/16 03:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/07/16 03:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/07/16 03:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/07/16 03:57	1
1,1-Dichloroethane	1.3		1.0	0.38	ug/L			07/07/16 03:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/07/16 03:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/07/16 03:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/07/16 03:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/07/16 03:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/07/16 03:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/07/16 03:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/07/16 03:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/07/16 03:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/07/16 03:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/07/16 03:57	1
2-Hexanone	ND		5.0	1.2	ug/L			07/07/16 03:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/07/16 03:57	1
Acetone	ND		10	3.0	ug/L			07/07/16 03:57	1
Benzene	ND		1.0	0.41	ug/L			07/07/16 03:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/07/16 03:57	1
Bromoform	ND		1.0	0.26	ug/L			07/07/16 03:57	1
Bromomethane	ND		1.0	0.69	ug/L			07/07/16 03:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/07/16 03:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/07/16 03:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/07/16 03:57	1
Chloroethane	ND		1.0	0.32	ug/L			07/07/16 03:57	1
Chloroform	ND		1.0	0.34	ug/L			07/07/16 03:57	1
Chloromethane	ND		1.0	0.35	ug/L			07/07/16 03:57	1
cis-1,2-Dichloroethene	1.3		1.0	0.81	ug/L			07/07/16 03:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/07/16 03:57	1
Cyclohexane	ND		1.0	0.18	ug/L			07/07/16 03:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/07/16 03:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/07/16 03:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/07/16 03:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/07/16 03:57	1
Methyl acetate	ND		2.5	1.3	ug/L			07/07/16 03:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/07/16 03:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/07/16 03:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/07/16 03:57	1
Styrene	ND		1.0	0.73	ug/L			07/07/16 03:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/07/16 03:57	1
Toluene	ND		1.0	0.51	ug/L			07/07/16 03:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/07/16 03:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/07/16 03:57	1
Trichloroethene	ND		1.0	0.46	ug/L			07/07/16 03:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/07/16 03:57	1
Vinyl chloride	3.4		1.0	0.90	ug/L			07/07/16 03:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/07/16 03:57	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-11
Date Collected: 07/05/16 12:55
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-5
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		07/07/16 03:57	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/07/16 03:57	1
Toluene-d8 (Surr)	94		71 - 126		07/07/16 03:57	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-3
Date Collected: 07/05/16 11:40
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/07/16 03:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/07/16 03:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/07/16 03:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/07/16 03:31	1
1,1-Dichloroethane	2.8		1.0	0.38	ug/L			07/07/16 03:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/07/16 03:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/07/16 03:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/07/16 03:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/07/16 03:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/07/16 03:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/07/16 03:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/07/16 03:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/07/16 03:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/07/16 03:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/07/16 03:31	1
2-Hexanone	ND		5.0	1.2	ug/L			07/07/16 03:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/07/16 03:31	1
Acetone	ND		10	3.0	ug/L			07/07/16 03:31	1
Benzene	ND		1.0	0.41	ug/L			07/07/16 03:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/07/16 03:31	1
Bromoform	ND		1.0	0.26	ug/L			07/07/16 03:31	1
Bromomethane	ND		1.0	0.69	ug/L			07/07/16 03:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/07/16 03:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/07/16 03:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/07/16 03:31	1
Chloroethane	1.9		1.0	0.32	ug/L			07/07/16 03:31	1
Chloroform	ND		1.0	0.34	ug/L			07/07/16 03:31	1
Chloromethane	ND		1.0	0.35	ug/L			07/07/16 03:31	1
cis-1,2-Dichloroethene	1.3		1.0	0.81	ug/L			07/07/16 03:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/07/16 03:31	1
Cyclohexane	ND		1.0	0.18	ug/L			07/07/16 03:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/07/16 03:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/07/16 03:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/07/16 03:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/07/16 03:31	1
Methyl acetate	ND		2.5	1.3	ug/L			07/07/16 03:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/07/16 03:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/07/16 03:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/07/16 03:31	1
Styrene	ND		1.0	0.73	ug/L			07/07/16 03:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/07/16 03:31	1
Toluene	ND		1.0	0.51	ug/L			07/07/16 03:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/07/16 03:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/07/16 03:31	1
Trichloroethene	ND		1.0	0.46	ug/L			07/07/16 03:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/07/16 03:31	1
Vinyl chloride	6.9		1.0	0.90	ug/L			07/07/16 03:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/07/16 03:31	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-3

Date Collected: 07/05/16 11:40

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-6

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		07/07/16 03:31	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/07/16 03:31	1
Toluene-d8 (Surr)	93		71 - 126		07/07/16 03:31	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-12
Date Collected: 07/06/16 10:15
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			07/07/16 03:04	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			07/07/16 03:04	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			07/07/16 03:04	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			07/07/16 03:04	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			07/07/16 03:04	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			07/07/16 03:04	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			07/07/16 03:04	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			07/07/16 03:04	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			07/07/16 03:04	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			07/07/16 03:04	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			07/07/16 03:04	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			07/07/16 03:04	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			07/07/16 03:04	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			07/07/16 03:04	5
2-Butanone (MEK)	ND		50	6.6	ug/L			07/07/16 03:04	5
2-Hexanone	ND		25	6.2	ug/L			07/07/16 03:04	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			07/07/16 03:04	5
Acetone	43	J	50	15	ug/L			07/07/16 03:04	5
Benzene	ND		5.0	2.1	ug/L			07/07/16 03:04	5
Bromodichloromethane	ND		5.0	2.0	ug/L			07/07/16 03:04	5
Bromoform	ND		5.0	1.3	ug/L			07/07/16 03:04	5
Bromomethane	ND		5.0	3.5	ug/L			07/07/16 03:04	5
Carbon disulfide	ND		5.0	0.95	ug/L			07/07/16 03:04	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			07/07/16 03:04	5
Chlorobenzene	ND		5.0	3.8	ug/L			07/07/16 03:04	5
Chloroethane	4.7	J	5.0	1.6	ug/L			07/07/16 03:04	5
Chloroform	ND		5.0	1.7	ug/L			07/07/16 03:04	5
Chloromethane	ND		5.0	1.8	ug/L			07/07/16 03:04	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			07/07/16 03:04	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			07/07/16 03:04	5
Cyclohexane	ND		5.0	0.90	ug/L			07/07/16 03:04	5
Dibromochloromethane	ND		5.0	1.6	ug/L			07/07/16 03:04	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			07/07/16 03:04	5
Ethylbenzene	ND		5.0	3.7	ug/L			07/07/16 03:04	5
Isopropylbenzene	ND		5.0	4.0	ug/L			07/07/16 03:04	5
Methyl acetate	ND		13	6.5	ug/L			07/07/16 03:04	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			07/07/16 03:04	5
Methylcyclohexane	ND		5.0	0.80	ug/L			07/07/16 03:04	5
Methylene Chloride	ND		5.0	2.2	ug/L			07/07/16 03:04	5
Styrene	ND		5.0	3.7	ug/L			07/07/16 03:04	5
Tetrachloroethene	ND		5.0	1.8	ug/L			07/07/16 03:04	5
Toluene	ND		5.0	2.6	ug/L			07/07/16 03:04	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			07/07/16 03:04	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			07/07/16 03:04	5
Trichloroethene	ND		5.0	2.3	ug/L			07/07/16 03:04	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			07/07/16 03:04	5
Vinyl chloride	9.4		5.0	4.5	ug/L			07/07/16 03:04	5
Xylenes, Total	ND		10	3.3	ug/L			07/07/16 03:04	5

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-12
Date Collected: 07/06/16 10:15
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-7
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		07/07/16 03:04	5
4-Bromofluorobenzene (Surr)	103		73 - 120		07/07/16 03:04	5
Toluene-d8 (Surr)	93		71 - 126		07/07/16 03:04	5

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-2
Date Collected: 07/06/16 11:25
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			07/07/16 02:38	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			07/07/16 02:38	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			07/07/16 02:38	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			07/07/16 02:38	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			07/07/16 02:38	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			07/07/16 02:38	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			07/07/16 02:38	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			07/07/16 02:38	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			07/07/16 02:38	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			07/07/16 02:38	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			07/07/16 02:38	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			07/07/16 02:38	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			07/07/16 02:38	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			07/07/16 02:38	5
2-Butanone (MEK)	ND		50	6.6	ug/L			07/07/16 02:38	5
2-Hexanone	ND		25	6.2	ug/L			07/07/16 02:38	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			07/07/16 02:38	5
Acetone	ND		50	15	ug/L			07/07/16 02:38	5
Benzene	ND		5.0	2.1	ug/L			07/07/16 02:38	5
Bromodichloromethane	ND		5.0	2.0	ug/L			07/07/16 02:38	5
Bromoform	ND		5.0	1.3	ug/L			07/07/16 02:38	5
Bromomethane	ND		5.0	3.5	ug/L			07/07/16 02:38	5
Carbon disulfide	ND		5.0	0.95	ug/L			07/07/16 02:38	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			07/07/16 02:38	5
Chlorobenzene	ND		5.0	3.8	ug/L			07/07/16 02:38	5
Chloroethane	ND		5.0	1.6	ug/L			07/07/16 02:38	5
Chloroform	ND		5.0	1.7	ug/L			07/07/16 02:38	5
Chloromethane	ND		5.0	1.8	ug/L			07/07/16 02:38	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			07/07/16 02:38	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			07/07/16 02:38	5
Cyclohexane	ND		5.0	0.90	ug/L			07/07/16 02:38	5
Dibromochloromethane	ND		5.0	1.6	ug/L			07/07/16 02:38	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			07/07/16 02:38	5
Ethylbenzene	ND		5.0	3.7	ug/L			07/07/16 02:38	5
Isopropylbenzene	ND		5.0	4.0	ug/L			07/07/16 02:38	5
Methyl acetate	ND		13	6.5	ug/L			07/07/16 02:38	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			07/07/16 02:38	5
Methylcyclohexane	ND		5.0	0.80	ug/L			07/07/16 02:38	5
Methylene Chloride	ND		5.0	2.2	ug/L			07/07/16 02:38	5
Styrene	ND		5.0	3.7	ug/L			07/07/16 02:38	5
Tetrachloroethene	ND		5.0	1.8	ug/L			07/07/16 02:38	5
Toluene	ND		5.0	2.6	ug/L			07/07/16 02:38	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			07/07/16 02:38	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			07/07/16 02:38	5
Trichloroethene	ND		5.0	2.3	ug/L			07/07/16 02:38	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			07/07/16 02:38	5
Vinyl chloride	ND		5.0	4.5	ug/L			07/07/16 02:38	5
Xylenes, Total	ND		10	3.3	ug/L			07/07/16 02:38	5

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-2
Date Collected: 07/06/16 11:25
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-8
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		07/07/16 02:38	5
4-Bromofluorobenzene (Surr)	102		73 - 120		07/07/16 02:38	5
Toluene-d8 (Surr)	92		71 - 126		07/07/16 02:38	5

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-1
Date Collected: 07/06/16 12:20
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-9
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/07/16 02:11	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/07/16 02:11	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/07/16 02:11	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/07/16 02:11	10
1,1-Dichloroethane	ND		10	3.8	ug/L			07/07/16 02:11	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/07/16 02:11	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/07/16 02:11	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/07/16 02:11	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/07/16 02:11	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/07/16 02:11	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/07/16 02:11	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/07/16 02:11	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/07/16 02:11	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/07/16 02:11	10
2-Butanone (MEK)	ND		100	13	ug/L			07/07/16 02:11	10
2-Hexanone	ND		50	12	ug/L			07/07/16 02:11	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			07/07/16 02:11	10
Acetone	ND		100	30	ug/L			07/07/16 02:11	10
Benzene	ND		10	4.1	ug/L			07/07/16 02:11	10
Bromodichloromethane	ND		10	3.9	ug/L			07/07/16 02:11	10
Bromoform	ND		10	2.6	ug/L			07/07/16 02:11	10
Bromomethane	ND		10	6.9	ug/L			07/07/16 02:11	10
Carbon disulfide	ND		10	1.9	ug/L			07/07/16 02:11	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/07/16 02:11	10
Chlorobenzene	ND		10	7.5	ug/L			07/07/16 02:11	10
Chloroethane	ND		10	3.2	ug/L			07/07/16 02:11	10
Chloroform	ND		10	3.4	ug/L			07/07/16 02:11	10
Chloromethane	ND		10	3.5	ug/L			07/07/16 02:11	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			07/07/16 02:11	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/07/16 02:11	10
Cyclohexane	ND		10	1.8	ug/L			07/07/16 02:11	10
Dibromochloromethane	ND		10	3.2	ug/L			07/07/16 02:11	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/07/16 02:11	10
Ethylbenzene	ND		10	7.4	ug/L			07/07/16 02:11	10
Isopropylbenzene	ND		10	7.9	ug/L			07/07/16 02:11	10
Methyl acetate	ND		25	13	ug/L			07/07/16 02:11	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/07/16 02:11	10
Methylcyclohexane	ND		10	1.6	ug/L			07/07/16 02:11	10
Methylene Chloride	ND		10	4.4	ug/L			07/07/16 02:11	10
Styrene	ND		10	7.3	ug/L			07/07/16 02:11	10
Tetrachloroethene	ND		10	3.6	ug/L			07/07/16 02:11	10
Toluene	ND		10	5.1	ug/L			07/07/16 02:11	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/07/16 02:11	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/07/16 02:11	10
Trichloroethene	ND		10	4.6	ug/L			07/07/16 02:11	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/07/16 02:11	10
Vinyl chloride	ND		10	9.0	ug/L			07/07/16 02:11	10
Xylenes, Total	ND		20	6.6	ug/L			07/07/16 02:11	10

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-1
Date Collected: 07/06/16 12:20
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-9
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		07/07/16 02:11	10
4-Bromofluorobenzene (Surr)	103		73 - 120		07/07/16 02:11	10
Toluene-d8 (Surr)	93		71 - 126		07/07/16 02:11	10

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-4
Date Collected: 07/06/16 13:25
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-10
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			07/07/16 14:17	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			07/07/16 14:17	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			07/07/16 14:17	50
1,1,2-Trichloroethane	ND		50	12	ug/L			07/07/16 14:17	50
1,1-Dichloroethane	46	J	50	19	ug/L			07/07/16 14:17	50
1,1-Dichloroethene	ND		50	15	ug/L			07/07/16 14:17	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			07/07/16 14:17	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			07/07/16 14:17	50
1,2-Dibromoethane	ND		50	37	ug/L			07/07/16 14:17	50
1,2-Dichlorobenzene	ND		50	40	ug/L			07/07/16 14:17	50
1,2-Dichloroethane	ND		50	11	ug/L			07/07/16 14:17	50
1,2-Dichloropropane	ND		50	36	ug/L			07/07/16 14:17	50
1,3-Dichlorobenzene	ND		50	39	ug/L			07/07/16 14:17	50
1,4-Dichlorobenzene	ND		50	42	ug/L			07/07/16 14:17	50
2-Butanone (MEK)	ND		500	66	ug/L			07/07/16 14:17	50
2-Hexanone	ND		250	62	ug/L			07/07/16 14:17	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			07/07/16 14:17	50
Acetone	ND		500	150	ug/L			07/07/16 14:17	50
Benzene	ND		50	21	ug/L			07/07/16 14:17	50
Bromodichloromethane	ND		50	20	ug/L			07/07/16 14:17	50
Bromoform	ND		50	13	ug/L			07/07/16 14:17	50
Bromomethane	ND		50	35	ug/L			07/07/16 14:17	50
Carbon disulfide	ND		50	9.5	ug/L			07/07/16 14:17	50
Carbon tetrachloride	ND		50	14	ug/L			07/07/16 14:17	50
Chlorobenzene	ND		50	38	ug/L			07/07/16 14:17	50
Chloroethane	ND		50	16	ug/L			07/07/16 14:17	50
Chloroform	ND		50	17	ug/L			07/07/16 14:17	50
Chloromethane	ND		50	18	ug/L			07/07/16 14:17	50
cis-1,2-Dichloroethene	1800		50	41	ug/L			07/07/16 14:17	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			07/07/16 14:17	50
Cyclohexane	ND		50	9.0	ug/L			07/07/16 14:17	50
Dibromochloromethane	ND		50	16	ug/L			07/07/16 14:17	50
Dichlorodifluoromethane	ND		50	34	ug/L			07/07/16 14:17	50
Ethylbenzene	ND		50	37	ug/L			07/07/16 14:17	50
Isopropylbenzene	ND		50	40	ug/L			07/07/16 14:17	50
Methyl acetate	ND		130	65	ug/L			07/07/16 14:17	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			07/07/16 14:17	50
Methylcyclohexane	ND		50	8.0	ug/L			07/07/16 14:17	50
Methylene Chloride	ND		50	22	ug/L			07/07/16 14:17	50
Styrene	ND		50	37	ug/L			07/07/16 14:17	50
Tetrachloroethene	ND		50	18	ug/L			07/07/16 14:17	50
Toluene	ND		50	26	ug/L			07/07/16 14:17	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			07/07/16 14:17	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			07/07/16 14:17	50
Trichloroethene	ND		50	23	ug/L			07/07/16 14:17	50
Trichlorofluoromethane	ND		50	44	ug/L			07/07/16 14:17	50
Vinyl chloride	1100		50	45	ug/L			07/07/16 14:17	50
Xylenes, Total	ND		100	33	ug/L			07/07/16 14:17	50

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-4
Date Collected: 07/06/16 13:25
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-10
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		07/07/16 14:17	50
4-Bromofluorobenzene (Surr)	103		73 - 120		07/07/16 14:17	50
Toluene-d8 (Surr)	90		71 - 126		07/07/16 14:17	50

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-13S

Date Collected: 07/06/16 14:25

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			07/07/16 14:44	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			07/07/16 14:44	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			07/07/16 14:44	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			07/07/16 14:44	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			07/07/16 14:44	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			07/07/16 14:44	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			07/07/16 14:44	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			07/07/16 14:44	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			07/07/16 14:44	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			07/07/16 14:44	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			07/07/16 14:44	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			07/07/16 14:44	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			07/07/16 14:44	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			07/07/16 14:44	4
2-Butanone (MEK)	750		40	5.3	ug/L			07/07/16 14:44	4
2-Hexanone	ND		20	5.0	ug/L			07/07/16 14:44	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			07/07/16 14:44	4
Acetone	200		40	12	ug/L			07/07/16 14:44	4
Benzene	ND		4.0	1.6	ug/L			07/07/16 14:44	4
Bromodichloromethane	ND		4.0	1.6	ug/L			07/07/16 14:44	4
Bromoform	ND		4.0	1.0	ug/L			07/07/16 14:44	4
Bromomethane	ND		4.0	2.8	ug/L			07/07/16 14:44	4
Carbon disulfide	ND		4.0	0.76	ug/L			07/07/16 14:44	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			07/07/16 14:44	4
Chlorobenzene	ND		4.0	3.0	ug/L			07/07/16 14:44	4
Chloroethane	35		4.0	1.3	ug/L			07/07/16 14:44	4
Chloroform	ND		4.0	1.4	ug/L			07/07/16 14:44	4
Chloromethane	ND		4.0	1.4	ug/L			07/07/16 14:44	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			07/07/16 14:44	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			07/07/16 14:44	4
Cyclohexane	ND		4.0	0.72	ug/L			07/07/16 14:44	4
Dibromochloromethane	ND		4.0	1.3	ug/L			07/07/16 14:44	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			07/07/16 14:44	4
Ethylbenzene	ND		4.0	3.0	ug/L			07/07/16 14:44	4
Isopropylbenzene	ND		4.0	3.2	ug/L			07/07/16 14:44	4
Methyl acetate	ND		10	5.2	ug/L			07/07/16 14:44	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			07/07/16 14:44	4
Methylcyclohexane	ND		4.0	0.64	ug/L			07/07/16 14:44	4
Methylene Chloride	ND		4.0	1.8	ug/L			07/07/16 14:44	4
Styrene	ND		4.0	2.9	ug/L			07/07/16 14:44	4
Tetrachloroethene	ND		4.0	1.4	ug/L			07/07/16 14:44	4
Toluene	ND		4.0	2.0	ug/L			07/07/16 14:44	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			07/07/16 14:44	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			07/07/16 14:44	4
Trichloroethene	ND		4.0	1.8	ug/L			07/07/16 14:44	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			07/07/16 14:44	4
Vinyl chloride	ND		4.0	3.6	ug/L			07/07/16 14:44	4
Xylenes, Total	ND		8.0	2.6	ug/L			07/07/16 14:44	4

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-13S

Date Collected: 07/06/16 14:25

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-11

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		07/07/16 14:44	4
4-Bromofluorobenzene (Surr)	106		73 - 120		07/07/16 14:44	4
Toluene-d8 (Surr)	91		71 - 126		07/07/16 14:44	4

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-13D

Date Collected: 07/06/16 15:00

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/07/16 00:51	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/07/16 00:51	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/07/16 00:51	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/07/16 00:51	10
1,1-Dichloroethane	7.8	J	10	3.8	ug/L			07/07/16 00:51	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/07/16 00:51	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/07/16 00:51	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/07/16 00:51	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/07/16 00:51	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/07/16 00:51	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/07/16 00:51	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/07/16 00:51	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/07/16 00:51	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/07/16 00:51	10
2-Butanone (MEK)	ND		100	13	ug/L			07/07/16 00:51	10
2-Hexanone	ND		50	12	ug/L			07/07/16 00:51	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			07/07/16 00:51	10
Acetone	ND		100	30	ug/L			07/07/16 00:51	10
Benzene	ND		10	4.1	ug/L			07/07/16 00:51	10
Bromodichloromethane	ND		10	3.9	ug/L			07/07/16 00:51	10
Bromoform	ND		10	2.6	ug/L			07/07/16 00:51	10
Bromomethane	ND		10	6.9	ug/L			07/07/16 00:51	10
Carbon disulfide	ND		10	1.9	ug/L			07/07/16 00:51	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/07/16 00:51	10
Chlorobenzene	ND		10	7.5	ug/L			07/07/16 00:51	10
Chloroethane	51		10	3.2	ug/L			07/07/16 00:51	10
Chloroform	ND		10	3.4	ug/L			07/07/16 00:51	10
Chloromethane	ND		10	3.5	ug/L			07/07/16 00:51	10
cis-1,2-Dichloroethene	34		10	8.1	ug/L			07/07/16 00:51	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/07/16 00:51	10
Cyclohexane	ND		10	1.8	ug/L			07/07/16 00:51	10
Dibromochloromethane	ND		10	3.2	ug/L			07/07/16 00:51	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/07/16 00:51	10
Ethylbenzene	ND		10	7.4	ug/L			07/07/16 00:51	10
Isopropylbenzene	ND		10	7.9	ug/L			07/07/16 00:51	10
Methyl acetate	ND		25	13	ug/L			07/07/16 00:51	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/07/16 00:51	10
Methylcyclohexane	ND		10	1.6	ug/L			07/07/16 00:51	10
Methylene Chloride	ND		10	4.4	ug/L			07/07/16 00:51	10
Styrene	ND		10	7.3	ug/L			07/07/16 00:51	10
Tetrachloroethene	ND		10	3.6	ug/L			07/07/16 00:51	10
Toluene	6.8	J	10	5.1	ug/L			07/07/16 00:51	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/07/16 00:51	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/07/16 00:51	10
Trichloroethene	ND		10	4.6	ug/L			07/07/16 00:51	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/07/16 00:51	10
Vinyl chloride	360		10	9.0	ug/L			07/07/16 00:51	10
Xylenes, Total	ND		20	6.6	ug/L			07/07/16 00:51	10

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-13D

Date Collected: 07/06/16 15:00

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-12

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		07/07/16 00:51	10
4-Bromofluorobenzene (Surr)	103		73 - 120		07/07/16 00:51	10
Toluene-d8 (Surr)	94		71 - 126		07/07/16 00:51	10

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-5
Date Collected: 07/06/16 16:05
Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-13
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/07/16 00:24	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/07/16 00:24	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/07/16 00:24	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/07/16 00:24	10
1,1-Dichloroethane	53		10	3.8	ug/L			07/07/16 00:24	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/07/16 00:24	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/07/16 00:24	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/07/16 00:24	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/07/16 00:24	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/07/16 00:24	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/07/16 00:24	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/07/16 00:24	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/07/16 00:24	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/07/16 00:24	10
2-Butanone (MEK)	ND		100	13	ug/L			07/07/16 00:24	10
2-Hexanone	ND		50	12	ug/L			07/07/16 00:24	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			07/07/16 00:24	10
Acetone	ND		100	30	ug/L			07/07/16 00:24	10
Benzene	ND		10	4.1	ug/L			07/07/16 00:24	10
Bromodichloromethane	ND		10	3.9	ug/L			07/07/16 00:24	10
Bromoform	ND		10	2.6	ug/L			07/07/16 00:24	10
Bromomethane	ND		10	6.9	ug/L			07/07/16 00:24	10
Carbon disulfide	ND		10	1.9	ug/L			07/07/16 00:24	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/07/16 00:24	10
Chlorobenzene	ND		10	7.5	ug/L			07/07/16 00:24	10
Chloroethane	14		10	3.2	ug/L			07/07/16 00:24	10
Chloroform	ND		10	3.4	ug/L			07/07/16 00:24	10
Chloromethane	ND		10	3.5	ug/L			07/07/16 00:24	10
cis-1,2-Dichloroethene	1900	E	10	8.1	ug/L			07/07/16 00:24	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/07/16 00:24	10
Cyclohexane	ND		10	1.8	ug/L			07/07/16 00:24	10
Dibromochloromethane	ND		10	3.2	ug/L			07/07/16 00:24	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/07/16 00:24	10
Ethylbenzene	ND		10	7.4	ug/L			07/07/16 00:24	10
Isopropylbenzene	ND		10	7.9	ug/L			07/07/16 00:24	10
Methyl acetate	ND		25	13	ug/L			07/07/16 00:24	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/07/16 00:24	10
Methylcyclohexane	ND		10	1.6	ug/L			07/07/16 00:24	10
Methylene Chloride	ND		10	4.4	ug/L			07/07/16 00:24	10
Styrene	ND		10	7.3	ug/L			07/07/16 00:24	10
Tetrachloroethene	ND		10	3.6	ug/L			07/07/16 00:24	10
Toluene	17		10	5.1	ug/L			07/07/16 00:24	10
trans-1,2-Dichloroethene	12		10	9.0	ug/L			07/07/16 00:24	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/07/16 00:24	10
Trichloroethene	ND		10	4.6	ug/L			07/07/16 00:24	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/07/16 00:24	10
Vinyl chloride	1200	E	10	9.0	ug/L			07/07/16 00:24	10
Xylenes, Total	ND		20	6.6	ug/L			07/07/16 00:24	10

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-5

Date Collected: 07/06/16 16:05

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-13

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		07/07/16 00:24	10
4-Bromofluorobenzene (Surr)	103		73 - 120		07/07/16 00:24	10
Toluene-d8 (Surr)	92		71 - 126		07/07/16 00:24	10

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			07/07/16 15:10	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			07/07/16 15:10	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			07/07/16 15:10	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			07/07/16 15:10	40
1,1-Dichloroethane	110		40	15	ug/L			07/07/16 15:10	40
1,1-Dichloroethene	ND		40	12	ug/L			07/07/16 15:10	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			07/07/16 15:10	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			07/07/16 15:10	40
1,2-Dibromoethane	ND		40	29	ug/L			07/07/16 15:10	40
1,2-Dichlorobenzene	ND		40	32	ug/L			07/07/16 15:10	40
1,2-Dichloroethane	ND		40	8.4	ug/L			07/07/16 15:10	40
1,2-Dichloropropane	ND		40	29	ug/L			07/07/16 15:10	40
1,3-Dichlorobenzene	ND		40	31	ug/L			07/07/16 15:10	40
1,4-Dichlorobenzene	ND		40	34	ug/L			07/07/16 15:10	40
2-Butanone (MEK)	ND		400	53	ug/L			07/07/16 15:10	40
2-Hexanone	ND		200	50	ug/L			07/07/16 15:10	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			07/07/16 15:10	40
Acetone	ND		400	120	ug/L			07/07/16 15:10	40
Benzene	ND		40	16	ug/L			07/07/16 15:10	40
Bromodichloromethane	ND		40	16	ug/L			07/07/16 15:10	40
Bromoform	ND		40	10	ug/L			07/07/16 15:10	40
Bromomethane	ND		40	28	ug/L			07/07/16 15:10	40
Carbon disulfide	ND		40	7.6	ug/L			07/07/16 15:10	40
Carbon tetrachloride	ND		40	11	ug/L			07/07/16 15:10	40
Chlorobenzene	ND		40	30	ug/L			07/07/16 15:10	40
Chloroethane	34 J		40	13	ug/L			07/07/16 15:10	40
Chloroform	ND		40	14	ug/L			07/07/16 15:10	40
Chloromethane	ND		40	14	ug/L			07/07/16 15:10	40
cis-1,2-Dichloroethene	4000		40	32	ug/L			07/07/16 15:10	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			07/07/16 15:10	40
Cyclohexane	ND		40	7.2	ug/L			07/07/16 15:10	40
Dibromochloromethane	ND		40	13	ug/L			07/07/16 15:10	40
Dichlorodifluoromethane	ND		40	27	ug/L			07/07/16 15:10	40
Ethylbenzene	ND		40	30	ug/L			07/07/16 15:10	40
Isopropylbenzene	ND		40	32	ug/L			07/07/16 15:10	40
Methyl acetate	ND		100	52	ug/L			07/07/16 15:10	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			07/07/16 15:10	40
Methylcyclohexane	ND		40	6.4	ug/L			07/07/16 15:10	40
Methylene Chloride	ND		40	18	ug/L			07/07/16 15:10	40
Styrene	ND		40	29	ug/L			07/07/16 15:10	40
Tetrachloroethene	ND		40	14	ug/L			07/07/16 15:10	40
Toluene	33 J		40	20	ug/L			07/07/16 15:10	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			07/07/16 15:10	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			07/07/16 15:10	40

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-5

Date Collected: 07/06/16 16:05

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-13

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		40	18	ug/L			07/07/16 15:10	40
Trichlorofluoromethane	ND		40	35	ug/L			07/07/16 15:10	40
Vinyl chloride	2100		40	36	ug/L			07/07/16 15:10	40
Xylenes, Total	ND		80	26	ug/L			07/07/16 15:10	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137		07/07/16 15:10	40
4-Bromofluorobenzene (Surr)	105		73 - 120		07/07/16 15:10	40
Toluene-d8 (Surr)	92		71 - 126		07/07/16 15:10	40

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: Trip Blank

Date Collected: 07/06/16 00:00

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/06/16 23:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/06/16 23:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/06/16 23:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/06/16 23:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/06/16 23:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/06/16 23:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/06/16 23:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/06/16 23:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/06/16 23:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/06/16 23:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/06/16 23:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/06/16 23:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/06/16 23:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/06/16 23:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/06/16 23:57	1
2-Hexanone	ND		5.0	1.2	ug/L			07/06/16 23:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/06/16 23:57	1
Acetone	ND		10	3.0	ug/L			07/06/16 23:57	1
Benzene	ND		1.0	0.41	ug/L			07/06/16 23:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/06/16 23:57	1
Bromoform	ND		1.0	0.26	ug/L			07/06/16 23:57	1
Bromomethane	ND		1.0	0.69	ug/L			07/06/16 23:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/06/16 23:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/06/16 23:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/06/16 23:57	1
Chloroethane	ND		1.0	0.32	ug/L			07/06/16 23:57	1
Chloroform	ND		1.0	0.34	ug/L			07/06/16 23:57	1
Chloromethane	ND		1.0	0.35	ug/L			07/06/16 23:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/06/16 23:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/06/16 23:57	1
Cyclohexane	ND		1.0	0.18	ug/L			07/06/16 23:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/06/16 23:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/06/16 23:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/06/16 23:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/06/16 23:57	1
Methyl acetate	ND		2.5	1.3	ug/L			07/06/16 23:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/06/16 23:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/06/16 23:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/06/16 23:57	1
Styrene	ND		1.0	0.73	ug/L			07/06/16 23:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/06/16 23:57	1
Toluene	ND		1.0	0.51	ug/L			07/06/16 23:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/06/16 23:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/06/16 23:57	1
Trichloroethene	ND		1.0	0.46	ug/L			07/06/16 23:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/06/16 23:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/06/16 23:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/06/16 23:57	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: Trip Blank

Date Collected: 07/06/16 00:00

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-14

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		07/06/16 23:57	1
4-Bromofluorobenzene (Surr)	104		73 - 120		07/06/16 23:57	1
Toluene-d8 (Surr)	96		71 - 126		07/06/16 23:57	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-6
Date Collected: 07/07/16 10:20
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/09/16 16:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/09/16 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/09/16 16:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/09/16 16:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/09/16 16:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/09/16 16:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/09/16 16:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/09/16 16:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/09/16 16:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/09/16 16:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/09/16 16:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/09/16 16:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/09/16 16:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/09/16 16:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/09/16 16:52	1
2-Hexanone	ND		5.0	1.2	ug/L			07/09/16 16:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/09/16 16:52	1
Acetone	ND		10	3.0	ug/L			07/09/16 16:52	1
Benzene	ND		1.0	0.41	ug/L			07/09/16 16:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/09/16 16:52	1
Bromoform	ND		1.0	0.26	ug/L			07/09/16 16:52	1
Bromomethane	ND		1.0	0.69	ug/L			07/09/16 16:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/09/16 16:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/09/16 16:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/09/16 16:52	1
Chloroethane	ND		1.0	0.32	ug/L			07/09/16 16:52	1
Chloroform	ND		1.0	0.34	ug/L			07/09/16 16:52	1
Chloromethane	ND		1.0	0.35	ug/L			07/09/16 16:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/09/16 16:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/09/16 16:52	1
Cyclohexane	ND		1.0	0.18	ug/L			07/09/16 16:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/09/16 16:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/09/16 16:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/09/16 16:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/09/16 16:52	1
Methyl acetate	ND		2.5	1.3	ug/L			07/09/16 16:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/09/16 16:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/09/16 16:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/09/16 16:52	1
Styrene	ND		1.0	0.73	ug/L			07/09/16 16:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/09/16 16:52	1
Toluene	ND		1.0	0.51	ug/L			07/09/16 16:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/09/16 16:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/09/16 16:52	1
Trichloroethene	ND		1.0	0.46	ug/L			07/09/16 16:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/09/16 16:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/09/16 16:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/09/16 16:52	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-6

Date Collected: 07/07/16 10:20

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-1

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		07/09/16 16:52	1
4-Bromofluorobenzene (Surr)	88		73 - 120		07/09/16 16:52	1
Toluene-d8 (Surr)	92		71 - 126		07/09/16 16:52	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-10
Date Collected: 07/07/16 11:40
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/09/16 17:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/09/16 17:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/09/16 17:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/09/16 17:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/09/16 17:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/09/16 17:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/09/16 17:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/09/16 17:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/09/16 17:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/09/16 17:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/09/16 17:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/09/16 17:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/09/16 17:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/09/16 17:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/09/16 17:17	1
2-Hexanone	ND		5.0	1.2	ug/L			07/09/16 17:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/09/16 17:17	1
Acetone	ND		10	3.0	ug/L			07/09/16 17:17	1
Benzene	ND		1.0	0.41	ug/L			07/09/16 17:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/09/16 17:17	1
Bromoform	ND		1.0	0.26	ug/L			07/09/16 17:17	1
Bromomethane	ND		1.0	0.69	ug/L			07/09/16 17:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/09/16 17:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/09/16 17:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/09/16 17:17	1
Chloroethane	ND		1.0	0.32	ug/L			07/09/16 17:17	1
Chloroform	ND		1.0	0.34	ug/L			07/09/16 17:17	1
Chloromethane	ND		1.0	0.35	ug/L			07/09/16 17:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/09/16 17:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/09/16 17:17	1
Cyclohexane	ND		1.0	0.18	ug/L			07/09/16 17:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/09/16 17:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/09/16 17:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/09/16 17:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/09/16 17:17	1
Methyl acetate	ND		2.5	1.3	ug/L			07/09/16 17:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/09/16 17:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/09/16 17:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/09/16 17:17	1
Styrene	ND		1.0	0.73	ug/L			07/09/16 17:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/09/16 17:17	1
Toluene	ND		1.0	0.51	ug/L			07/09/16 17:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/09/16 17:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/09/16 17:17	1
Trichloroethene	ND		1.0	0.46	ug/L			07/09/16 17:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/09/16 17:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/09/16 17:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/09/16 17:17	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-10
Date Collected: 07/07/16 11:40
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-2
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		07/09/16 17:17	1
4-Bromofluorobenzene (Surr)	86		73 - 120		07/09/16 17:17	1
Toluene-d8 (Surr)	92		71 - 126		07/09/16 17:17	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-3
Date Collected: 07/07/16 13:10
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/09/16 17:42	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/09/16 17:42	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/09/16 17:42	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/09/16 17:42	10
1,1-Dichloroethane	ND		10	3.8	ug/L			07/09/16 17:42	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/09/16 17:42	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/09/16 17:42	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/09/16 17:42	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/09/16 17:42	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/09/16 17:42	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/09/16 17:42	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/09/16 17:42	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/09/16 17:42	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/09/16 17:42	10
2-Butanone (MEK)	ND		100	13	ug/L			07/09/16 17:42	10
2-Hexanone	ND		50	12	ug/L			07/09/16 17:42	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			07/09/16 17:42	10
Acetone	ND		100	30	ug/L			07/09/16 17:42	10
Benzene	ND		10	4.1	ug/L			07/09/16 17:42	10
Bromodichloromethane	ND		10	3.9	ug/L			07/09/16 17:42	10
Bromoform	ND		10	2.6	ug/L			07/09/16 17:42	10
Bromomethane	ND		10	6.9	ug/L			07/09/16 17:42	10
Carbon disulfide	ND		10	1.9	ug/L			07/09/16 17:42	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/09/16 17:42	10
Chlorobenzene	ND		10	7.5	ug/L			07/09/16 17:42	10
Chloroethane	ND		10	3.2	ug/L			07/09/16 17:42	10
Chloroform	ND		10	3.4	ug/L			07/09/16 17:42	10
Chloromethane	ND		10	3.5	ug/L			07/09/16 17:42	10
cis-1,2-Dichloroethene	8.7	J	10	8.1	ug/L			07/09/16 17:42	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/09/16 17:42	10
Cyclohexane	ND		10	1.8	ug/L			07/09/16 17:42	10
Dibromochloromethane	ND		10	3.2	ug/L			07/09/16 17:42	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/09/16 17:42	10
Ethylbenzene	ND		10	7.4	ug/L			07/09/16 17:42	10
Isopropylbenzene	ND		10	7.9	ug/L			07/09/16 17:42	10
Methyl acetate	ND		25	13	ug/L			07/09/16 17:42	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/09/16 17:42	10
Methylcyclohexane	ND		10	1.6	ug/L			07/09/16 17:42	10
Methylene Chloride	ND		10	4.4	ug/L			07/09/16 17:42	10
Styrene	ND		10	7.3	ug/L			07/09/16 17:42	10
Tetrachloroethene	ND		10	3.6	ug/L			07/09/16 17:42	10
Toluene	ND		10	5.1	ug/L			07/09/16 17:42	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/09/16 17:42	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/09/16 17:42	10
Trichloroethene	ND		10	4.6	ug/L			07/09/16 17:42	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/09/16 17:42	10
Vinyl chloride	43		10	9.0	ug/L			07/09/16 17:42	10
Xylenes, Total	ND		20	6.6	ug/L			07/09/16 17:42	10

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-3
Date Collected: 07/07/16 13:10
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-3
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	115		66 - 137		07/09/16 17:42	10
4-Bromofluorobenzene (Surr)	87		73 - 120		07/09/16 17:42	10
Toluene-d8 (Surr)	90		71 - 126		07/09/16 17:42	10

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-7
Date Collected: 07/07/16 14:40
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/11/16 14:20	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/11/16 14:20	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/11/16 14:20	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/11/16 14:20	10
1,1-Dichloroethane	29		10	3.8	ug/L			07/11/16 14:20	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/11/16 14:20	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/11/16 14:20	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/11/16 14:20	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/11/16 14:20	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/11/16 14:20	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/11/16 14:20	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/11/16 14:20	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/11/16 14:20	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/11/16 14:20	10
2-Butanone (MEK)	240		100	13	ug/L			07/11/16 14:20	10
2-Hexanone	ND		50	12	ug/L			07/11/16 14:20	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			07/11/16 14:20	10
Acetone	140		100	30	ug/L			07/11/16 14:20	10
Benzene	ND		10	4.1	ug/L			07/11/16 14:20	10
Bromodichloromethane	ND		10	3.9	ug/L			07/11/16 14:20	10
Bromoform	ND		10	2.6	ug/L			07/11/16 14:20	10
Bromomethane	ND		10	6.9	ug/L			07/11/16 14:20	10
Carbon disulfide	ND		10	1.9	ug/L			07/11/16 14:20	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/11/16 14:20	10
Chlorobenzene	ND		10	7.5	ug/L			07/11/16 14:20	10
Chloroethane	350 F1		10	3.2	ug/L			07/11/16 14:20	10
Chloroform	ND		10	3.4	ug/L			07/11/16 14:20	10
Chloromethane	ND		10	3.5	ug/L			07/11/16 14:20	10
cis-1,2-Dichloroethene	23		10	8.1	ug/L			07/11/16 14:20	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/11/16 14:20	10
Cyclohexane	ND		10	1.8	ug/L			07/11/16 14:20	10
Dibromochloromethane	ND		10	3.2	ug/L			07/11/16 14:20	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/11/16 14:20	10
Ethylbenzene	ND		10	7.4	ug/L			07/11/16 14:20	10
Isopropylbenzene	ND		10	7.9	ug/L			07/11/16 14:20	10
Methyl acetate	ND		25	13	ug/L			07/11/16 14:20	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/11/16 14:20	10
Methylcyclohexane	ND		10	1.6	ug/L			07/11/16 14:20	10
Methylene Chloride	ND		10	4.4	ug/L			07/11/16 14:20	10
Styrene	ND		10	7.3	ug/L			07/11/16 14:20	10
Tetrachloroethene	ND		10	3.6	ug/L			07/11/16 14:20	10
Toluene	ND		10	5.1	ug/L			07/11/16 14:20	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/11/16 14:20	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/11/16 14:20	10
Trichloroethene	ND		10	4.6	ug/L			07/11/16 14:20	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/11/16 14:20	10
Vinyl chloride	330 F1		10	9.0	ug/L			07/11/16 14:20	10
Xylenes, Total	ND		20	6.6	ug/L			07/11/16 14:20	10

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-7
Date Collected: 07/07/16 14:40
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-4
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		07/11/16 14:20	10
4-Bromofluorobenzene (Surr)	86		73 - 120		07/11/16 14:20	10
Toluene-d8 (Surr)	93		71 - 126		07/11/16 14:20	10

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-8
Date Collected: 07/07/16 15:35
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	43	J	50	41	ug/L			07/09/16 18:32	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			07/09/16 18:32	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			07/09/16 18:32	50
1,1,2-Trichloroethane	ND		50	12	ug/L			07/09/16 18:32	50
1,1-Dichloroethane	100		50	19	ug/L			07/09/16 18:32	50
1,1-Dichloroethene	ND		50	15	ug/L			07/09/16 18:32	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			07/09/16 18:32	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			07/09/16 18:32	50
1,2-Dibromoethane	ND		50	37	ug/L			07/09/16 18:32	50
1,2-Dichlorobenzene	ND		50	40	ug/L			07/09/16 18:32	50
1,2-Dichloroethane	ND		50	11	ug/L			07/09/16 18:32	50
1,2-Dichloropropane	ND		50	36	ug/L			07/09/16 18:32	50
1,3-Dichlorobenzene	ND		50	39	ug/L			07/09/16 18:32	50
1,4-Dichlorobenzene	ND		50	42	ug/L			07/09/16 18:32	50
2-Butanone (MEK)	ND		500	66	ug/L			07/09/16 18:32	50
2-Hexanone	ND		250	62	ug/L			07/09/16 18:32	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			07/09/16 18:32	50
Acetone	ND		500	150	ug/L			07/09/16 18:32	50
Benzene	ND		50	21	ug/L			07/09/16 18:32	50
Bromodichloromethane	ND		50	20	ug/L			07/09/16 18:32	50
Bromoform	ND		50	13	ug/L			07/09/16 18:32	50
Bromomethane	ND		50	35	ug/L			07/09/16 18:32	50
Carbon disulfide	ND		50	9.5	ug/L			07/09/16 18:32	50
Carbon tetrachloride	ND		50	14	ug/L			07/09/16 18:32	50
Chlorobenzene	ND		50	38	ug/L			07/09/16 18:32	50
Chloroethane	ND		50	16	ug/L			07/09/16 18:32	50
Chloroform	ND		50	17	ug/L			07/09/16 18:32	50
Chloromethane	ND		50	18	ug/L			07/09/16 18:32	50
cis-1,2-Dichloroethene	1400		50	41	ug/L			07/09/16 18:32	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			07/09/16 18:32	50
Cyclohexane	ND		50	9.0	ug/L			07/09/16 18:32	50
Dibromochloromethane	ND		50	16	ug/L			07/09/16 18:32	50
Dichlorodifluoromethane	ND		50	34	ug/L			07/09/16 18:32	50
Ethylbenzene	ND		50	37	ug/L			07/09/16 18:32	50
Isopropylbenzene	ND		50	40	ug/L			07/09/16 18:32	50
Methyl acetate	ND		130	65	ug/L			07/09/16 18:32	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			07/09/16 18:32	50
Methylcyclohexane	ND		50	8.0	ug/L			07/09/16 18:32	50
Methylene Chloride	ND		50	22	ug/L			07/09/16 18:32	50
Styrene	ND		50	37	ug/L			07/09/16 18:32	50
Tetrachloroethene	ND		50	18	ug/L			07/09/16 18:32	50
Toluene	ND		50	26	ug/L			07/09/16 18:32	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			07/09/16 18:32	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			07/09/16 18:32	50
Trichloroethene	ND		50	23	ug/L			07/09/16 18:32	50
Trichlorofluoromethane	ND		50	44	ug/L			07/09/16 18:32	50
Vinyl chloride	530		50	45	ug/L			07/09/16 18:32	50
Xylenes, Total	ND		100	33	ug/L			07/09/16 18:32	50

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-8

Date Collected: 07/07/16 15:35

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-5

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	114		66 - 137		07/09/16 18:32	50
4-Bromofluorobenzene (Surr)	84		73 - 120		07/09/16 18:32	50
Toluene-d8 (Surr)	92		71 - 126		07/09/16 18:32	50

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: Duplicate

Date Collected: 07/07/16 00:00

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/11/16 14:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/11/16 14:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/11/16 14:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/11/16 14:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/11/16 14:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/11/16 14:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/11/16 14:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/11/16 14:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/11/16 14:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/11/16 14:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/11/16 14:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/11/16 14:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/11/16 14:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/11/16 14:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/11/16 14:45	1
2-Hexanone	ND		5.0	1.2	ug/L			07/11/16 14:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/11/16 14:45	1
Acetone	ND		10	3.0	ug/L			07/11/16 14:45	1
Benzene	ND		1.0	0.41	ug/L			07/11/16 14:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/11/16 14:45	1
Bromoform	ND		1.0	0.26	ug/L			07/11/16 14:45	1
Bromomethane	ND		1.0	0.69	ug/L			07/11/16 14:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/11/16 14:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/11/16 14:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/11/16 14:45	1
Chloroethane	ND		1.0	0.32	ug/L			07/11/16 14:45	1
Chloroform	ND		1.0	0.34	ug/L			07/11/16 14:45	1
Chloromethane	ND		1.0	0.35	ug/L			07/11/16 14:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/11/16 14:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/11/16 14:45	1
Cyclohexane	ND		1.0	0.18	ug/L			07/11/16 14:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/11/16 14:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/11/16 14:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/11/16 14:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/11/16 14:45	1
Methyl acetate	ND		2.5	1.3	ug/L			07/11/16 14:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/11/16 14:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/11/16 14:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/11/16 14:45	1
Styrene	ND		1.0	0.73	ug/L			07/11/16 14:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/11/16 14:45	1
Toluene	ND		1.0	0.51	ug/L			07/11/16 14:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/11/16 14:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/11/16 14:45	1
Trichloroethene	ND		1.0	0.46	ug/L			07/11/16 14:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/11/16 14:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/11/16 14:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/11/16 14:45	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: Duplicate

Date Collected: 07/07/16 00:00

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-6

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	112		66 - 137		07/11/16 14:45	1
4-Bromofluorobenzene (Surr)	83		73 - 120		07/11/16 14:45	1
Toluene-d8 (Surr)	92		71 - 126		07/11/16 14:45	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: Rinse Blank

Date Collected: 07/08/16 09:00

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/09/16 19:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/09/16 19:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/09/16 19:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/09/16 19:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/09/16 19:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/09/16 19:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/09/16 19:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/09/16 19:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/09/16 19:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/09/16 19:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/09/16 19:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/09/16 19:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/09/16 19:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/09/16 19:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/09/16 19:22	1
2-Hexanone	ND		5.0	1.2	ug/L			07/09/16 19:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/09/16 19:22	1
Acetone	ND		10	3.0	ug/L			07/09/16 19:22	1
Benzene	ND		1.0	0.41	ug/L			07/09/16 19:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/09/16 19:22	1
Bromoform	ND		1.0	0.26	ug/L			07/09/16 19:22	1
Bromomethane	ND		1.0	0.69	ug/L			07/09/16 19:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/09/16 19:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/09/16 19:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/09/16 19:22	1
Chloroethane	ND		1.0	0.32	ug/L			07/09/16 19:22	1
Chloroform	ND		1.0	0.34	ug/L			07/09/16 19:22	1
Chloromethane	ND		1.0	0.35	ug/L			07/09/16 19:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/09/16 19:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/09/16 19:22	1
Cyclohexane	ND		1.0	0.18	ug/L			07/09/16 19:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/09/16 19:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/09/16 19:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/09/16 19:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/09/16 19:22	1
Methyl acetate	ND		2.5	1.3	ug/L			07/09/16 19:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/09/16 19:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/09/16 19:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/09/16 19:22	1
Styrene	ND		1.0	0.73	ug/L			07/09/16 19:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/09/16 19:22	1
Toluene	ND		1.0	0.51	ug/L			07/09/16 19:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/09/16 19:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/09/16 19:22	1
Trichloroethene	ND		1.0	0.46	ug/L			07/09/16 19:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/09/16 19:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/09/16 19:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/09/16 19:22	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: Rinse Blank

Date Collected: 07/08/16 09:00

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-7

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	119		66 - 137		07/09/16 19:22	1
4-Bromofluorobenzene (Surr)	86		73 - 120		07/09/16 19:22	1
Toluene-d8 (Surr)	90		71 - 126		07/09/16 19:22	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-8R
Date Collected: 07/08/16 11:45
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			07/12/16 01:56	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			07/12/16 01:56	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			07/12/16 01:56	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			07/12/16 01:56	20
1,1-Dichloroethane	160		20	7.6	ug/L			07/12/16 01:56	20
1,1-Dichloroethene	ND		20	5.8	ug/L			07/12/16 01:56	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			07/12/16 01:56	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			07/12/16 01:56	20
1,2-Dibromoethane	ND		20	15	ug/L			07/12/16 01:56	20
1,2-Dichlorobenzene	ND		20	16	ug/L			07/12/16 01:56	20
1,2-Dichloroethane	ND		20	4.2	ug/L			07/12/16 01:56	20
1,2-Dichloropropane	ND		20	14	ug/L			07/12/16 01:56	20
1,3-Dichlorobenzene	ND		20	16	ug/L			07/12/16 01:56	20
1,4-Dichlorobenzene	ND		20	17	ug/L			07/12/16 01:56	20
2-Butanone (MEK)	34 J		200	26	ug/L			07/12/16 01:56	20
2-Hexanone	ND		100	25	ug/L			07/12/16 01:56	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			07/12/16 01:56	20
Acetone	ND		200	60	ug/L			07/12/16 01:56	20
Benzene	ND		20	8.2	ug/L			07/12/16 01:56	20
Bromodichloromethane	ND		20	7.8	ug/L			07/12/16 01:56	20
Bromoform	ND		20	5.2	ug/L			07/12/16 01:56	20
Bromomethane	ND		20	14	ug/L			07/12/16 01:56	20
Carbon disulfide	ND		20	3.8	ug/L			07/12/16 01:56	20
Carbon tetrachloride	ND		20	5.4	ug/L			07/12/16 01:56	20
Chlorobenzene	ND		20	15	ug/L			07/12/16 01:56	20
Chloroethane	ND		20	6.4	ug/L			07/12/16 01:56	20
Chloroform	ND		20	6.8	ug/L			07/12/16 01:56	20
Chloromethane	ND		20	7.0	ug/L			07/12/16 01:56	20
cis-1,2-Dichloroethene	530		20	16	ug/L			07/12/16 01:56	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			07/12/16 01:56	20
Cyclohexane	ND		20	3.6	ug/L			07/12/16 01:56	20
Dibromochloromethane	ND		20	6.4	ug/L			07/12/16 01:56	20
Dichlorodifluoromethane	ND		20	14	ug/L			07/12/16 01:56	20
Ethylbenzene	ND		20	15	ug/L			07/12/16 01:56	20
Isopropylbenzene	ND		20	16	ug/L			07/12/16 01:56	20
Methyl acetate	ND		50	26	ug/L			07/12/16 01:56	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			07/12/16 01:56	20
Methylcyclohexane	ND		20	3.2	ug/L			07/12/16 01:56	20
Methylene Chloride	ND		20	8.8	ug/L			07/12/16 01:56	20
Styrene	ND		20	15	ug/L			07/12/16 01:56	20
Tetrachloroethene	ND		20	7.2	ug/L			07/12/16 01:56	20
Toluene	23		20	10	ug/L			07/12/16 01:56	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			07/12/16 01:56	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			07/12/16 01:56	20
Trichloroethene	24		20	9.2	ug/L			07/12/16 01:56	20
Trichlorofluoromethane	ND		20	18	ug/L			07/12/16 01:56	20
Vinyl chloride	820		20	18	ug/L			07/12/16 01:56	20
Xylenes, Total	ND		40	13	ug/L			07/12/16 01:56	20

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-8R
Date Collected: 07/08/16 11:45
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-8
Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	118		66 - 137		07/12/16 01:56	20
4-Bromofluorobenzene (Surr)	81		73 - 120		07/12/16 01:56	20
Toluene-d8 (Surr)	90		71 - 126		07/12/16 01:56	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-4
Date Collected: 07/08/16 12:35
Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-9
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			07/12/16 02:21	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			07/12/16 02:21	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			07/12/16 02:21	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			07/12/16 02:21	20
1,1-Dichloroethane	130		20	7.6	ug/L			07/12/16 02:21	20
1,1-Dichloroethene	ND		20	5.8	ug/L			07/12/16 02:21	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			07/12/16 02:21	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			07/12/16 02:21	20
1,2-Dibromoethane	ND		20	15	ug/L			07/12/16 02:21	20
1,2-Dichlorobenzene	ND		20	16	ug/L			07/12/16 02:21	20
1,2-Dichloroethane	ND		20	4.2	ug/L			07/12/16 02:21	20
1,2-Dichloropropane	ND		20	14	ug/L			07/12/16 02:21	20
1,3-Dichlorobenzene	ND		20	16	ug/L			07/12/16 02:21	20
1,4-Dichlorobenzene	ND		20	17	ug/L			07/12/16 02:21	20
2-Butanone (MEK)	180	J	200	26	ug/L			07/12/16 02:21	20
2-Hexanone	ND		100	25	ug/L			07/12/16 02:21	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			07/12/16 02:21	20
Acetone	65	J	200	60	ug/L			07/12/16 02:21	20
Benzene	ND		20	8.2	ug/L			07/12/16 02:21	20
Bromodichloromethane	ND		20	7.8	ug/L			07/12/16 02:21	20
Bromoform	ND		20	5.2	ug/L			07/12/16 02:21	20
Bromomethane	ND		20	14	ug/L			07/12/16 02:21	20
Carbon disulfide	ND		20	3.8	ug/L			07/12/16 02:21	20
Carbon tetrachloride	ND		20	5.4	ug/L			07/12/16 02:21	20
Chlorobenzene	ND		20	15	ug/L			07/12/16 02:21	20
Chloroethane	870	F1	20	6.4	ug/L			07/12/16 02:21	20
Chloroform	ND		20	6.8	ug/L			07/12/16 02:21	20
Chloromethane	ND		20	7.0	ug/L			07/12/16 02:21	20
cis-1,2-Dichloroethene	30		20	16	ug/L			07/12/16 02:21	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			07/12/16 02:21	20
Cyclohexane	ND		20	3.6	ug/L			07/12/16 02:21	20
Dibromochloromethane	ND		20	6.4	ug/L			07/12/16 02:21	20
Dichlorodifluoromethane	ND		20	14	ug/L			07/12/16 02:21	20
Ethylbenzene	ND		20	15	ug/L			07/12/16 02:21	20
Isopropylbenzene	ND		20	16	ug/L			07/12/16 02:21	20
Methyl acetate	ND		50	26	ug/L			07/12/16 02:21	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			07/12/16 02:21	20
Methylcyclohexane	ND		20	3.2	ug/L			07/12/16 02:21	20
Methylene Chloride	ND		20	8.8	ug/L			07/12/16 02:21	20
Styrene	ND		20	15	ug/L			07/12/16 02:21	20
Tetrachloroethene	ND		20	7.2	ug/L			07/12/16 02:21	20
Toluene	ND		20	10	ug/L			07/12/16 02:21	20
trans-1,2-Dichloroethene	38		20	18	ug/L			07/12/16 02:21	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			07/12/16 02:21	20
Trichloroethene	ND		20	9.2	ug/L			07/12/16 02:21	20
Trichlorofluoromethane	ND		20	18	ug/L			07/12/16 02:21	20
Vinyl chloride	95		20	18	ug/L			07/12/16 02:21	20
Xylenes, Total	ND		40	13	ug/L			07/12/16 02:21	20

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-4

Date Collected: 07/08/16 12:35

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-9

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	120		66 - 137		07/12/16 02:21	20
4-Bromofluorobenzene (Surr)	87		73 - 120		07/12/16 02:21	20
Toluene-d8 (Surr)	90		71 - 126		07/12/16 02:21	20

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: Trip Blank

Date Collected: 07/07/16 00:00

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/11/16 16:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/11/16 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/11/16 16:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/11/16 16:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/11/16 16:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/11/16 16:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/11/16 16:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/11/16 16:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/11/16 16:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/11/16 16:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/11/16 16:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/11/16 16:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/11/16 16:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/11/16 16:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/11/16 16:01	1
2-Hexanone	ND		5.0	1.2	ug/L			07/11/16 16:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/11/16 16:01	1
Acetone	ND		10	3.0	ug/L			07/11/16 16:01	1
Benzene	ND		1.0	0.41	ug/L			07/11/16 16:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/11/16 16:01	1
Bromoform	ND		1.0	0.26	ug/L			07/11/16 16:01	1
Bromomethane	ND		1.0	0.69	ug/L			07/11/16 16:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/11/16 16:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/11/16 16:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/11/16 16:01	1
Chloroethane	ND		1.0	0.32	ug/L			07/11/16 16:01	1
Chloroform	ND		1.0	0.34	ug/L			07/11/16 16:01	1
Chloromethane	ND		1.0	0.35	ug/L			07/11/16 16:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/11/16 16:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/11/16 16:01	1
Cyclohexane	ND		1.0	0.18	ug/L			07/11/16 16:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/11/16 16:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/11/16 16:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/11/16 16:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/11/16 16:01	1
Methyl acetate	ND		2.5	1.3	ug/L			07/11/16 16:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/11/16 16:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/11/16 16:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/11/16 16:01	1
Styrene	ND		1.0	0.73	ug/L			07/11/16 16:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/11/16 16:01	1
Toluene	ND		1.0	0.51	ug/L			07/11/16 16:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/11/16 16:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/11/16 16:01	1
Trichloroethene	ND		1.0	0.46	ug/L			07/11/16 16:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/11/16 16:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/11/16 16:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/11/16 16:01	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: Trip Blank

Date Collected: 07/07/16 00:00

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-10

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	116		66 - 137		07/11/16 16:01	1
4-Bromofluorobenzene (Surr)	85		73 - 120		07/11/16 16:01	1
Toluene-d8 (Surr)	91		71 - 126		07/11/16 16:01	1

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-16S

Date Collected: 07/05/16 15:10

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2000	310009	07/07/16 13:50	GVF	TAL BUF

Client Sample ID: MW-16D

Date Collected: 07/05/16 15:40

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	310156	07/08/16 05:36	SWO	TAL BUF

Client Sample ID: MW-2

Date Collected: 07/05/16 14:20

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	309956	07/07/16 04:51	SWO	TAL BUF

Client Sample ID: GWCT

Date Collected: 07/05/16 13:10

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	309956	07/07/16 04:24	SWO	TAL BUF

Client Sample ID: MW-11

Date Collected: 07/05/16 12:55

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	309956	07/07/16 03:57	SWO	TAL BUF

Client Sample ID: MW-3

Date Collected: 07/05/16 11:40

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	309956	07/07/16 03:31	SWO	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: MW-12

Date Collected: 07/06/16 10:15

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	309956	07/07/16 03:04	SWO	TAL BUF

Client Sample ID: DPE-2

Date Collected: 07/06/16 11:25

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	309956	07/07/16 02:38	SWO	TAL BUF

Client Sample ID: DPE-1

Date Collected: 07/06/16 12:20

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	309956	07/07/16 02:11	SWO	TAL BUF

Client Sample ID: DPE-4

Date Collected: 07/06/16 13:25

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	310009	07/07/16 14:17	GVF	TAL BUF

Client Sample ID: MW-13S

Date Collected: 07/06/16 14:25

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	310009	07/07/16 14:44	GVF	TAL BUF

Client Sample ID: MW-13D

Date Collected: 07/06/16 15:00

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	309956	07/07/16 00:51	SWO	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-5

Date Collected: 07/06/16 16:05

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	309956	07/07/16 00:24	SWO	TAL BUF
Total/NA	Analysis	8260C	DL	40	310009	07/07/16 15:10	GVF	TAL BUF

Client Sample ID: Trip Blank

Date Collected: 07/06/16 00:00

Date Received: 07/06/16 17:15

Lab Sample ID: 480-102662-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	309956	07/06/16 23:57	SWO	TAL BUF

Client Sample ID: MW-6

Date Collected: 07/07/16 10:20

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310370	07/09/16 16:52	GTG	TAL BUF

Client Sample ID: MW-10

Date Collected: 07/07/16 11:40

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310370	07/09/16 17:17	GTG	TAL BUF

Client Sample ID: DPE-3

Date Collected: 07/07/16 13:10

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	310370	07/09/16 17:42	GTG	TAL BUF

Client Sample ID: DPE-7

Date Collected: 07/07/16 14:40

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	310441	07/11/16 14:20	RRS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Client Sample ID: DPE-8

Date Collected: 07/07/16 15:35

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	310370	07/09/16 18:32	GTG	TAL BUF

Client Sample ID: Duplicate

Date Collected: 07/07/16 00:00

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310441	07/11/16 14:45	RRS	TAL BUF

Client Sample ID: Rinse Blank

Date Collected: 07/08/16 09:00

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310370	07/09/16 19:22	GTG	TAL BUF

Client Sample ID: MW-8R

Date Collected: 07/08/16 11:45

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	310554	07/12/16 01:56	GTG	TAL BUF

Client Sample ID: MW-4

Date Collected: 07/08/16 12:35

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	310554	07/12/16 02:21	GTG	TAL BUF

Client Sample ID: Trip Blank

Date Collected: 07/07/16 00:00

Date Received: 07/08/16 17:05

Lab Sample ID: 480-102824-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310441	07/11/16 16:01	RRS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TestAmerica Buffalo

Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17

1

2

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11

Method Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-102662-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102662-1	MW-16S	Water	07/05/16 15:10	07/06/16 17:15
480-102662-2	MW-16D	Water	07/05/16 15:40	07/06/16 17:15
480-102662-3	MW-2	Water	07/05/16 14:20	07/06/16 17:15
480-102662-4	GWCT	Water	07/05/16 13:10	07/06/16 17:15
480-102662-5	MW-11	Water	07/05/16 12:55	07/06/16 17:15
480-102662-6	MW-3	Water	07/05/16 11:40	07/06/16 17:15
480-102662-7	MW-12	Water	07/06/16 10:15	07/06/16 17:15
480-102662-8	DPE-2	Water	07/06/16 11:25	07/06/16 17:15
480-102662-9	DPE-1	Water	07/06/16 12:20	07/06/16 17:15
480-102662-10	DPE-4	Water	07/06/16 13:25	07/06/16 17:15
480-102662-11	MW-13S	Water	07/06/16 14:25	07/06/16 17:15
480-102662-12	MW-13D	Water	07/06/16 15:00	07/06/16 17:15
480-102662-13	DPE-5	Water	07/06/16 16:05	07/06/16 17:15
480-102662-14	Trip Blank	Water	07/06/16 00:00	07/06/16 17:15
480-102824-1	MW-6	Water	07/07/16 10:20	07/08/16 17:05
480-102824-2	MW-10	Water	07/07/16 11:40	07/08/16 17:05
480-102824-3	DPE-3	Water	07/07/16 13:10	07/08/16 17:05
480-102824-4	DPE-7	Water	07/07/16 14:40	07/08/16 17:05
480-102824-5	DPE-8	Water	07/07/16 15:35	07/08/16 17:05
480-102824-6	Duplicate	Water	07/07/16 00:00	07/08/16 17:05
480-102824-7	Rinse Blank	Water	07/08/16 09:00	07/08/16 17:05
480-102824-8	MW-8R	Water	07/08/16 11:45	07/08/16 17:05
480-102824-9	MW-4	Water	07/08/16 12:35	07/08/16 17:05
480-102824-10	Trip Blank	Water	07/07/16 00:00	07/08/16 17:05

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-102662-1

Login Number: 102662

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-102662-1

Login Number: 102824

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Client Information		Lab PM: Fischer, Brian J		Carrier Tracking No(s):		COC No: 480-84555-3450.3									
Client Contact: Mr. Dino Zack		E-Mail: brian.fischer@testamericainc.com				Page: 1 of 2									
Company: AECOM, Inc.						Job #:									
Address: 257 West Genesee Street Suite 400															
City: Buffalo															
State, Zip: NY, 14202-2657															
Phone:															
Email: dino.zack@aecom.com															
Project Name: Scott Aviation site															
Site: New York															
Due Date Requested:															
TAT Requested (days):															
PO #:															
Purchase Order not requir															
WO #:															
Project #:															
48002539															
SSOW#:															
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=oil, B=soil, A=air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8260C - TCL list OL M04.2	
DPE-16		7-5-16		15:10		G		Water		X		X		X	
MW-16S		7-5-16		15:40		G		W		X		X		X	
MW-16D		7-5-16		14:20		G		W		X		X		X	
MW-2		7-5-16		13:10		G		W		X		X		X	
G-WCT		7-5-16		12:55		G		W		X		X		X	
MW-11		7-5-16		11:40		G		W		X		X		X	
MW-3		7-6-16		10:15		G		W		X		X		X	
MW-12		7-6-16		11:25		G		W		X		X		X	
DPE-2		7-6-16		12:20		G		W		X		X		X	
DPE-1		7-6-16		13:25		G		W		X		X		X	
DPE-4		7-6-16		14:25		G		W		X		X		X	
MW-13S		7-6-16		14:25		G		W		X		X		X	
Possible Hazard Identification		Non-Hazard		Flammable		Skin Irritant		Poison B		Unknown		Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Deliverable Requested: I, II, III, IV, Other (specify)														Return To Client	
Empty Kit Relinquished by:		Date/Time:		Date/Time:		Date/Time:		Date/Time:		Date/Time:		Date/Time:		Archive For	
Relinquished by:		7-6-16 17:15		7-6-16 17:15		7-6-16 17:15		7-6-16 17:15		7-6-16 17:15		7-6-16 17:15		Months	
Relinquished by:		AECOM		AECOM		AECOM		AECOM		AECOM		AECOM		Company	
Relinquished by:		AECOM		AECOM		AECOM		AECOM		AECOM		AECOM		Company	
Relinquished by:		AECOM		AECOM		AECOM		AECOM		AECOM		AECOM		Company	
Custody Seals Intact		A Yes		A No		A Yes		A No		A Yes		A No		A Yes	
Custody Seal No.:		A Yes		A No		A Yes		A No		A Yes		A No		A Yes	

Chain of Custody Record

Client Information Client Contact: Mr. Dino Zack Company: AECOM, Inc. Address: 257 West Genesee Street Suite 400 City: Buffalo State: NY Zip: 14202-2657 Phone: _____ Email: dino.zack@aecom.com Project Name: Scott Aviation site Site: New York		Lab PVI: Fischer, Brian J E-Mail: brian.fischer@testamericainc.com Sampler: _____ Phone: _____		Carrier Tracking No(s): 480-84555-3450.2 Page: Page 2 of 3 Job #: _____	
Analysis Requested Due Date Requested: _____ TAT Requested (days): _____ PO #: _____ Purchase Order not requir WO #: _____ Project #: 48002539 SSOW#: _____		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: _____ M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)			
Sample Identification Sample Date: 7-6-16 Sample Time: 15:00 Sample Type (C=comp, G=grab): G Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air): Water		Field Filtered Sample (Yes or No) ☒ Yes ☐ No Perform MS/MSD (Yes or No) ☒ Yes ☐ No 8260C - TCL list OLM04.2 ☒ Yes ☐ No Total Number of containers: 3			
MW-130 DPE-5 Trip GW-1 DPT-1 DPT-2 DPT-3 DPT-4 DPT-5 DPT-7		Special Instructions/Note: Trip Blank			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological					
Deliverable Requested: I, II, III, IV, Other (specify) _____					
Empty Kit Relinquished by: _____ Date: _____					
Relinquished by: _____ Date/Time: 7-6-16 17:15 Company: AECOM					
Relinquished by: _____ Date/Time: _____ Company: _____					
Relinquished by: _____ Date/Time: _____ Company: _____					
Custody Seals Intact: ☒ Yes ☐ No Custody Seal No.: _____					
Cooler Temperature(s) °C and Other Remarks: 5.2#1 ICE					

TestAmerica
10771 Drive
Amherst, NY 14228-2298
Phone (716) 891-2600 Fax (716) 891-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Lab PM: Fischer, Brian J		Carrier Tracking No(s):		COC No: 480-84555-3450.1	
Client Contact: Mr. Dino Zack		Phone:		E-Mail: brian.fischer@testamericainc.com		Page: Page 1 of 3	
Company: AECOM, Inc.		Due Date Requested:		Analysis Requested		Job #:	
Address: 257 West Genesee Street Suite 400		TAT Requested (days):		Preservation Codes:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - TSCD Hydrochloride M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSCD Hydrochloride	
City: Buffalo		PO #:		Barcode		480-102824 Chain of Custody	
State, Zip: NY, 14202-2657		Purchase Order not requir		WO #:			
Phone:		Project #:		SSOW#:			
Email: dino.zack@aecom.com		Project Name: Scott Aviation site		Site: New York			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=water, B=biological)	Field Filtered Sample (Yes or No)	Field Filtered Sample (Yes or No)
MW-6	7-7-16	10:20	G	Water		X	
MW-10	7-7-16	11:40	G	Water		X	
OPE-3	7-7-16	13:10	G	Water		X	
OPE-7	7-7-16	14:40	G	Water		X	
OPE-8	7-7-16	15:35	G	Water		X	
Quelick	7-7-16	-	G	Water		X	
Rinse	7-8-16	0900	G	Water		X	
MW-8R	7-8-16	11:45	G	Water		X	
MW-4	7-8-16	12:35	G	Water		X	
Trip Blank	7-7-16	-	TB	Water		X	
MW-4SD				Water			
Possible Hazard Identification		Date:		Time:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Empty Kit Relinquished by:		Received by:		Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Date/Time: 7-8-16 13:30		Date/Time: 7-8-16 13:30		Company: AECOM	
		Date/Time: 7-8-16 17:05		Date/Time: 7-8-16 17:05		Company: AECOM	
		Date/Time:		Date/Time:		Company: AECOM	
Custody Seal No.: 427 #1		Custody Seal Intact: ☐ Yes ☐ No		Cooler Temperature(s) °C and Other Remarks:			



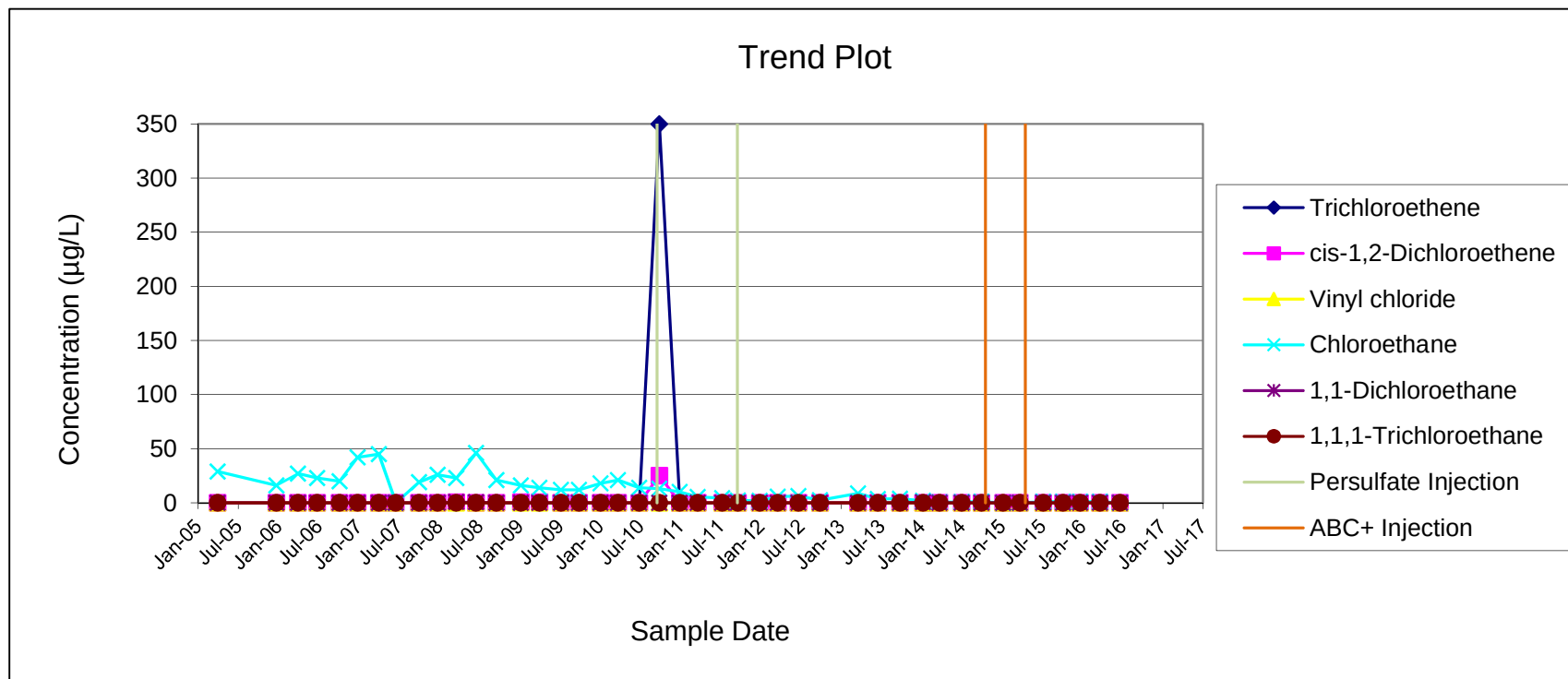
APPENDIX D

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
1/12/2011	<1	<1	<1	10	<1	<1
4/4/2011	<1	<1	<1	5.4	<1	<1
7/25/2011	<1	<1	<1	4.5	<1	<1
10/3/2011	<1	<1	<1	2.1	<1	<1
1/11/2012	<1	<1	<1	2	<1	<1
4/2/2012	<1	<1	<1	5.8	<1	<1
7/5/2012	<1	<1	<1	6.3	<1	<1
10/11/2012	<1	<1	<1	2.4	<1	<1
4/1/2013	<1	<1	<1	8.8	<1	<1
7/1/2013	<1	<1	<1	3.6	<1	<1
10/9/2013	<1	<1	<1	3.9	<1	<1
1/21/2014	<1	<1	<1	1.9	0.67	<1
4/7/2014	<1	<1	<1	0.68	<1	<1
7/16/2014	<1	<1	<1	0.94	<1	<1
10/14/2014	<1	<1	<1	1.1	<1	<1
1/20/2015	<5	<5	<5	<5	<5	<5
4/7/2015	<5	<5	<5	<5	<5	<5
7/22/2015	<1	<1	<1	1	<1	<1
10/19/2015	<1	<1	<1	1	<1	<1
1/5/2016	<1	<1	<1	1	<1	<1
4/4/2016	<1	<1	<1	1	<1	<1
7/5/2016	<1	<1	<1	<1	<1	<1

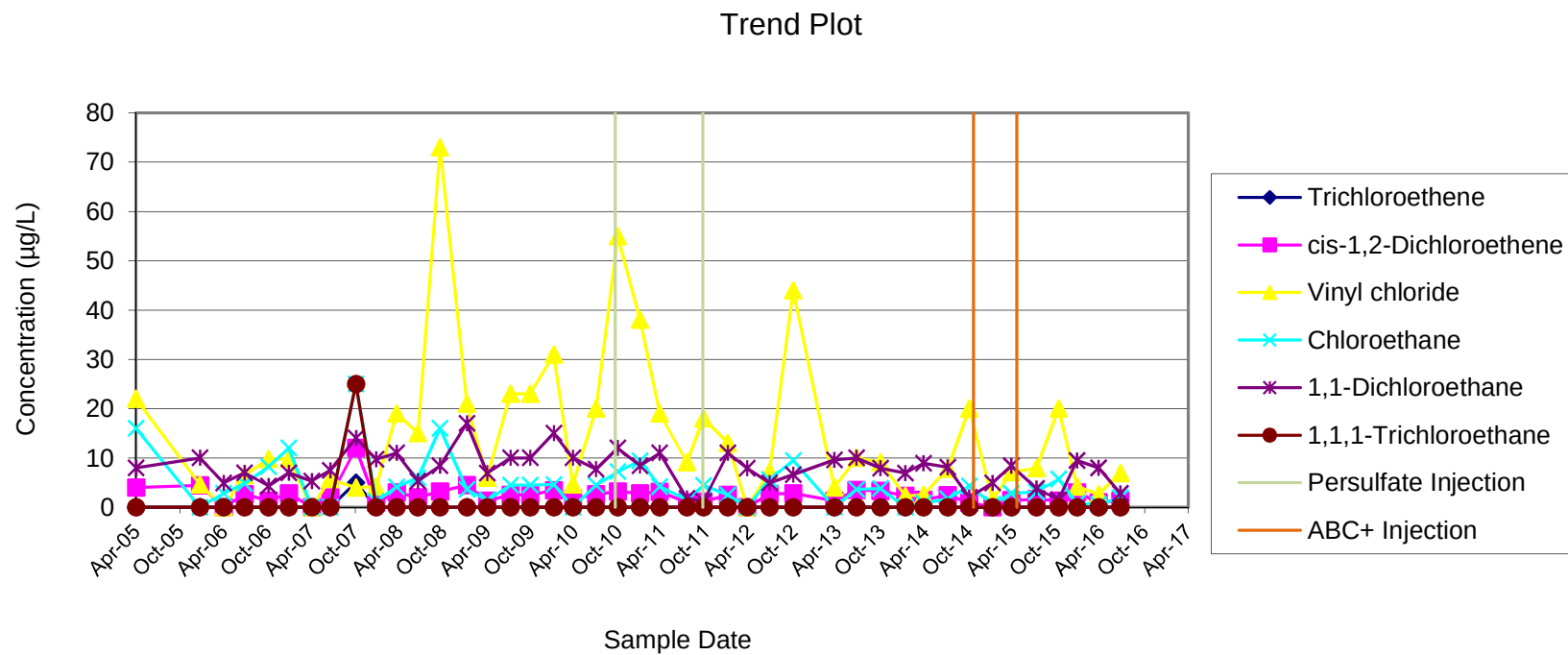
MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
1/12/2011	<1	2.8	38	9.4	8.4	<1
4/4/2011	<1	3.1	19	4.2	11	<1
7/26/2011	<1	0.98	9.1	1.5	1.8	<1
10/3/2011	<1	1.1	18	4.4	1.2	<1
1/13/2012	<1	2.5	13	2.5	11	<1
4/2/2012	<1	<1	<1	<1	7.9	<1
7/5/2012	<1	2.7	7.2	5.6	4.9	<1
10/11/2012	<1	2.8	44	9.5	6.6	<1
4/1/2013	<1	1.3	4	<1	9.6	<1
7/1/2013	<1	3.5	10	3.6	10	<1
10/10/2013	<1	3.3	9.1	3.8	7.9	<1
1/21/2014	<1	2.3	2.3	<1	6.9	<1
4/7/2014	<1	1.5	2.5	0.82	8.9	<1
7/17/2014	<1	2.4	7.8	1.7	8.1	<1
10/14/2014	<1	0.93	20	4.3	2	<1
1/20/2015	<1	<1	1.5	0.64	4.9	<1
4/7/2015	<1	1.4	7.1	2.8	8.4	<1
7/22/2015	<1	1.6	7.9	3.1	3.8	<1
10/21/2015	<1	1.3	20	5.7	1.5	<1
1/6/2016	<1	3	4.2	0.83	9.5	<1
4/5/2016	<1	0.98	2.6	0.58	8	<1
7/5/2016	<1	1.3	6.9	1.9	2.8	<1

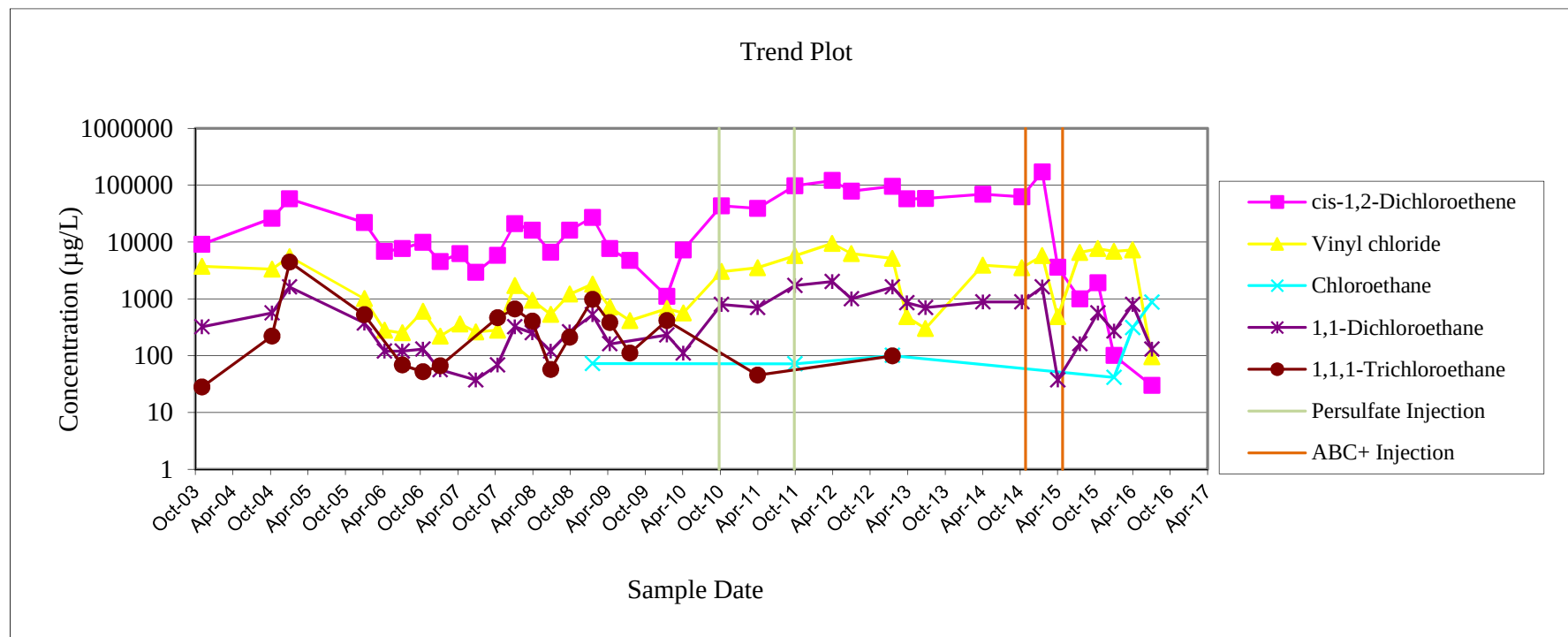
MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
4/6/2011	13,000	39,000	3,500	<40	700	45
10/4/2011	17,000	97,000	5,700	71	1700	<1
4/3/2012	39,000	120,000	9,400	<200	2000	<200
7/6/2012	15,000	78,000	6,200	<1000	990	<1000
1/21/2013	40,000	95,000	5,100	100	1600	98
4/2/2013	12,000	57,000	480	<40	850	<40
7/1/2013	14,000	58,000	300	<100	700	<100
4/7/2014	32,000	69,000	3,900	<1000	880	<1000
10/14/2014	32,000	62,000	3,500	<1000	880	<1000
1/21/2015	1,800	170,000	5,700	<1000	1,600	<1000
4/7/2015	110	3,600	480	<80	37	<80
7/23/2015	<100	990	6,500	<100	160	<100
10/20/2015	<100	1,900	7,600	<100	560	<100
1/6/2016	<100	100	6,800	41	270	<100
4/6/2016	<100	<100	7,200	310	790	<100
7/8/2016	<20	30	95	870	130	<20

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

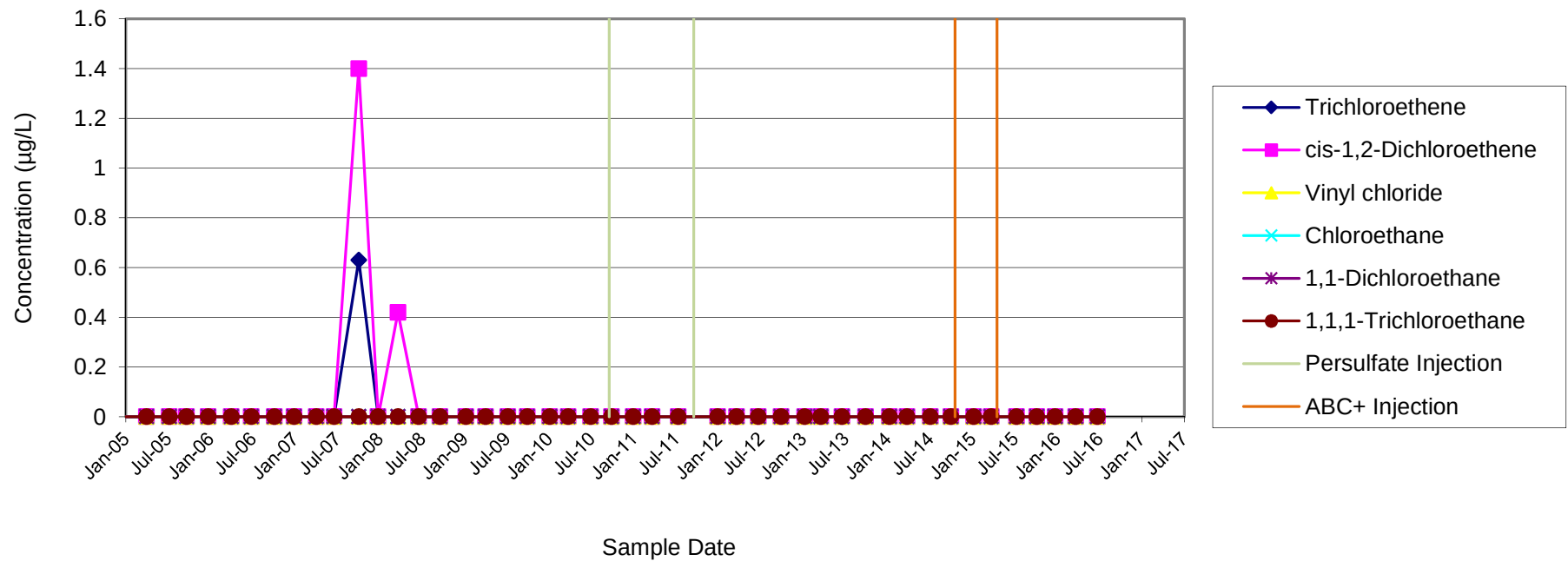
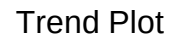


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

**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
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1
10/11/2012	<1	<1	<1	<1	<1	<1
1/21/2013	<1	<1	<1	<1	<1	<1
4/1/2013	<1	<1	<1	<1	<1	<1
7/1/2013	<1	<1	<1	<1	<1	<1
10/10/2013	<1	<1	<1	<1	<1	<1
1/22/2014	<1	<1	<1	<1	<1	<1
4/7/2014	<1	<1	<1	<1	<1	<1
7/17/2014	<1	<1	<1	<1	<1	<1
10/14/2014	<1	<1	<1	<1	<1	<1
1/20/2015	<1	<1	<1	<1	<1	<1
4/6/2015	<1	<1	<1	<1	<1	<1
7/23/2015	<1	<1	<1	<1	<1	<1
10/19/2015	<1	<1	<1	<1	<1	<1
1/6/2016	<1	<1	<1	<1	<1	<1
4/4/2016	<1	<1	<1	<1	<1	<1
7/7/2016	<1	<1	<1	<1	<1	<1

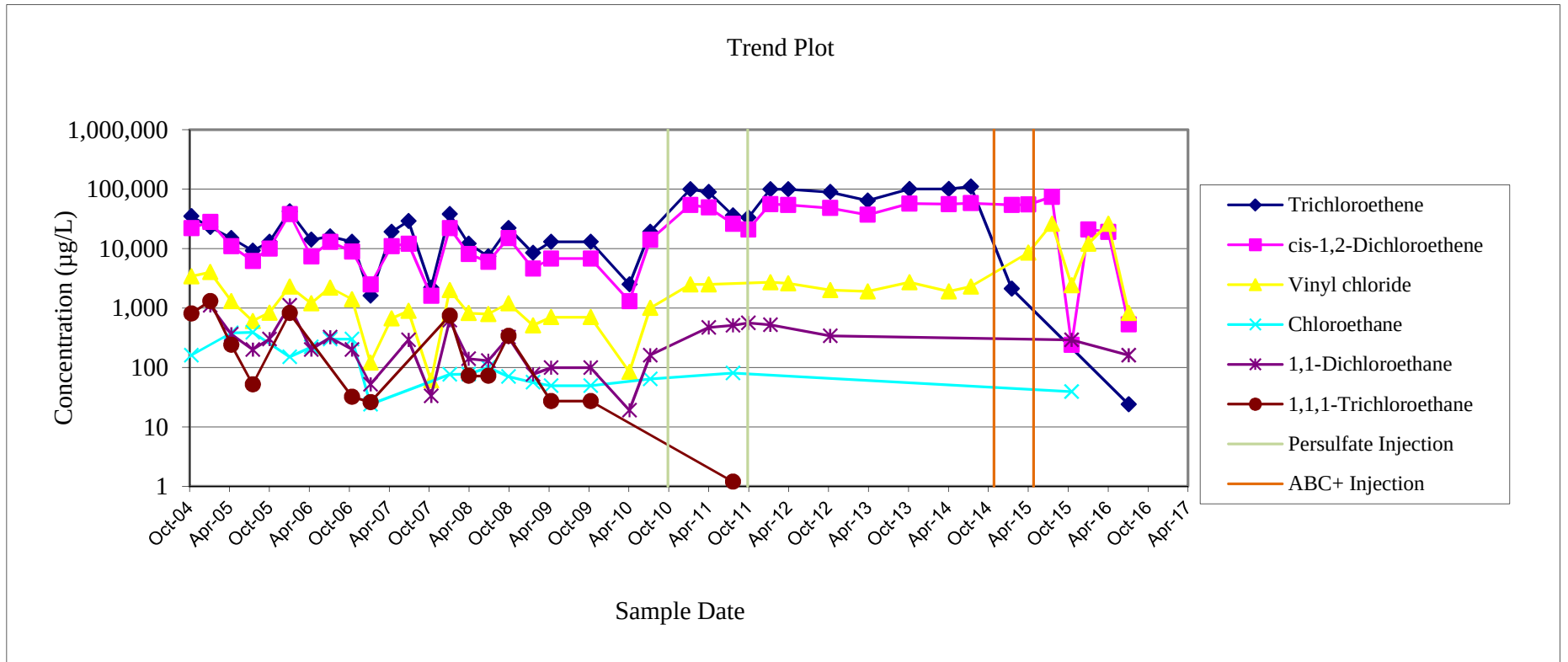
**MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**



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
1/12/2011	99,000	54,000	2,500	<2000	<2000	<2000
4/6/2011	89,000	49,000	2,500	<800	470	<800
7/26/2011	36,000	26,000	<800	80	510	1.2
10/4/2011	33,000	21,000	<400	<400	560	<400
1/13/2012	99,000	56,000	2,700	<800	520	<800
4/3/2012	99,000	54,000	2,600	<2000	<2000	<2000
10/12/2012	89,000	48,000	2,000	<800	340	<800
4/2/2013	64,000	37,000	1,900	<1000	<1000	<1000
10/10/2013	100,000	57,000	2,700	<1000	<1000	<1000
4/7/2014	100,000	56,000	1,900	<1000	<1000	<1000
7/17/2014	110,000	58,000	2,300	<1000	<1000	<1000
1/21/2015	2,100	54,000	<2000	<2000	<2000	<2000
4/6/2015	<2000	55,000	8,500	<2000	<2000	<2000
7/23/2015	<200	74,000	26,000	<200	<200	<200
10/21/2015	<25	240	2,400	39	290	<25
1/6/2016	<1,000	21,000	12,000	<1,000	<1,000	<1,000
4/6/2016	<1,000	19,000	26,000	<1,000	<1,000	<1,000
7/8/2016	24	530	820	<20	160	<20

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



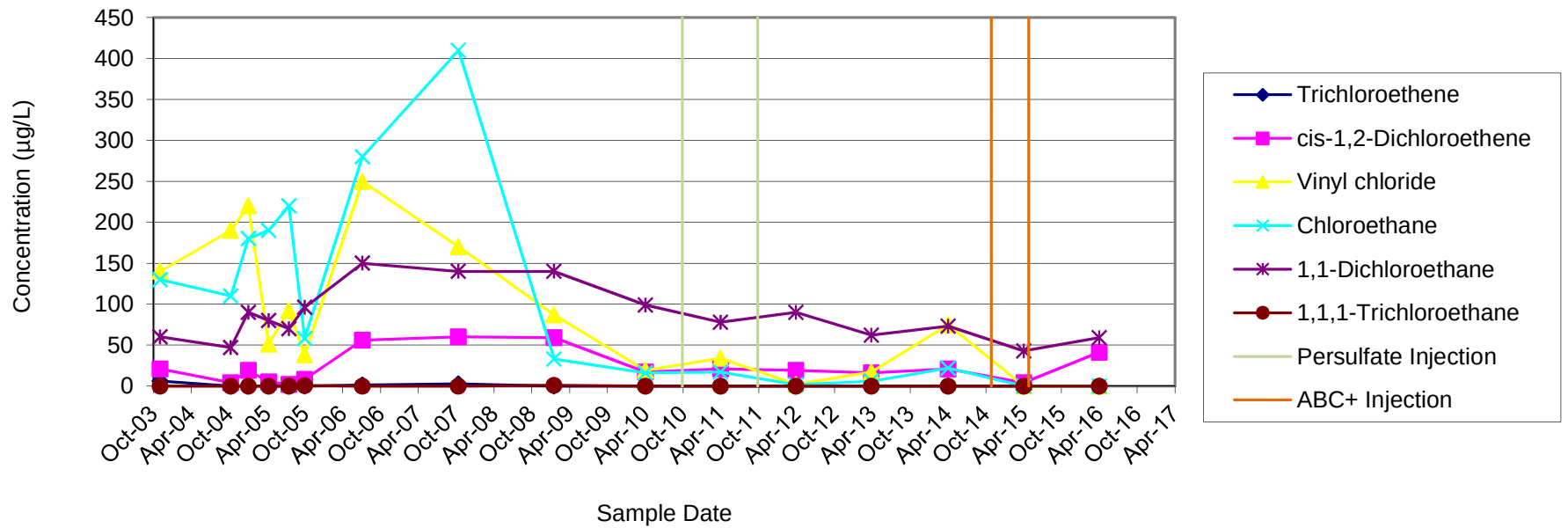
Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

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
4/4/2011	<1	21	34	17	78	<1
4/2/2012	<1	19	1.8	1.5	90	<1
4/1/2013	<1	16	17	5.9	62	<1
4/7/2014	<1	21	75	22	73	<1
4/7/2015	<1	4.1	<1	<1	43	<1
4/5/2016	<1	41	<1	<1	59	<1

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

Trend Plot

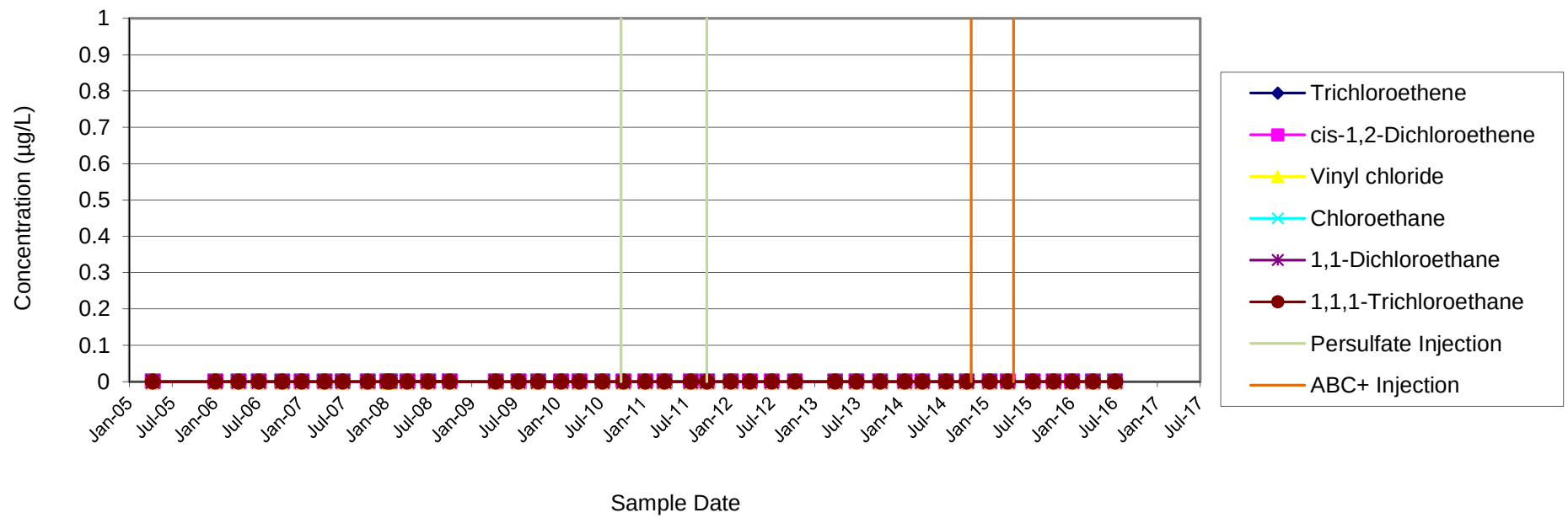


MONITORING WELL MW-10
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
10/3/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1
10/11/2012	<1	<1	<1	<1	<1	<1
4/1/2013	<1	<1	<1	<1	<1	<1
7/1/2013	<1	<1	<1	<1	<1	<1
10/10/2013	<1	<1	<1	<1	<1	<1
1/22/2014	<1	<1	<1	<1	<1	<1
4/7/2014	<1	<1	<1	<1	<1	<1
7/17/2014	<1	<1	<1	<1	<1	<1
10/14/2014	<1	<1	<1	<1	<1	<1
1/20/2015	<1	<1	<1	<1	<1	<1
4/6/2015	<1	<1	<1	<1	<1	<1
7/23/2015	<1	<1	<1	<1	<1	<1
10/19/2015	<1	<1	<1	<1	<1	<1
1/6/2016	<1	<1	<1	<1	<1	<1
4/4/2016	<1	<1	<1	<1	<1	<1
7/7/2016	<1	<1	<1	<1	<1	<1

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

Trend Plot

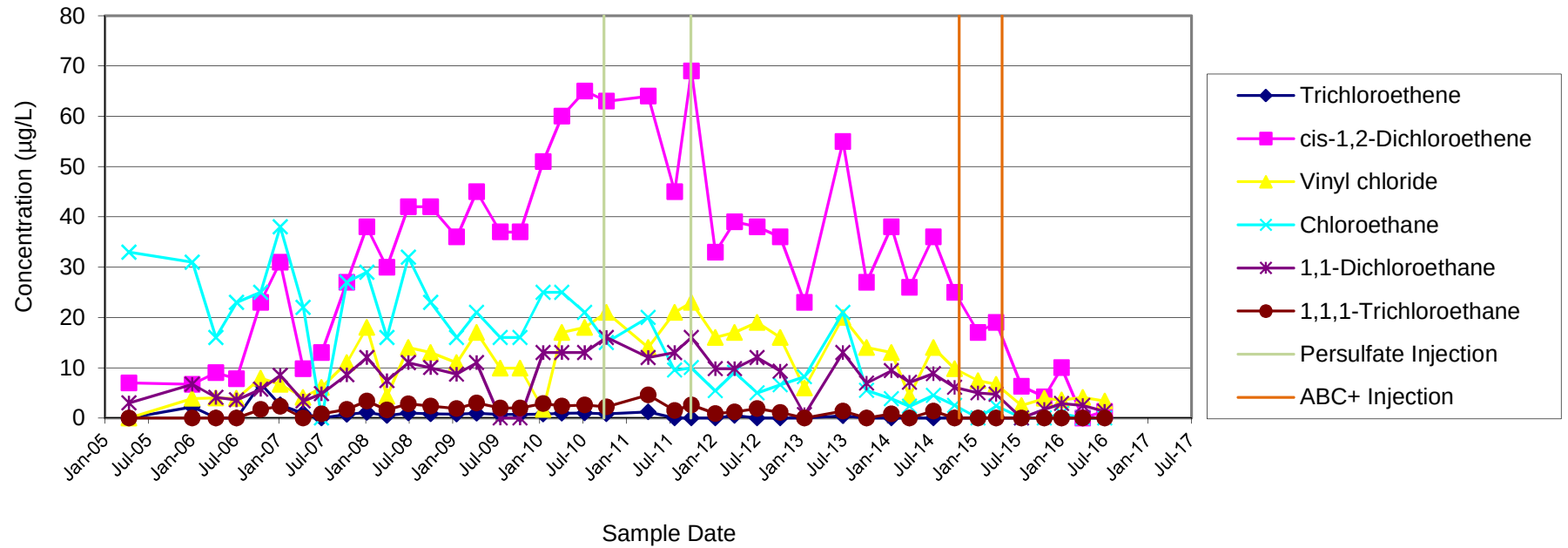


MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/5/2011	1.2	64	14	20	12	4.6
7/25/2011	<1	45	21	9.5	13	1.5
10/3/2011	<1	69	23	10	16	2.6
1/12/2012	<1	33	16	5.4	9.8	0.88
4/2/2012	0.51	39	17	9.1	9.8	1.2
7/5/2012	<1	38	19	5	12	1.9
10/11/2012	<1	36	16	6.6	9.3	1.1
1/21/2013	<1	23	6	8.2	0.64	<1
7/1/2013	0.46	55	20	21	13	1.4
10/9/2013	<1	27	14	5.5	6.9	<1
1/21/2014	<1	38	13	3.8	9.4	0.85
4/7/2014	<1	26	4.3	2.3	7.1	<1
7/16/2014	<1	36	14	4.5	8.8	1.4
10/14/2014	<1	25	9.8	2.5	6.1	<1
1/20/2015	<5	17	7.4	<5	5.0	<5
4/6/2015	<2	19	6.7	2.4	4.7	<2
7/22/2015	<1	6.3	2.5	<1	<1	<1
10/26/2015	<1	4.2	3.9	<1	1.7	<1
1/6/2016	<1	10	3.6	0.89	2.9	<1
4/4/2016	<1	<1	4.1	<1	2.5	<1
7/5/2016	<1	1.3	3.4	<1	1.3	<1

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

Trend Plot

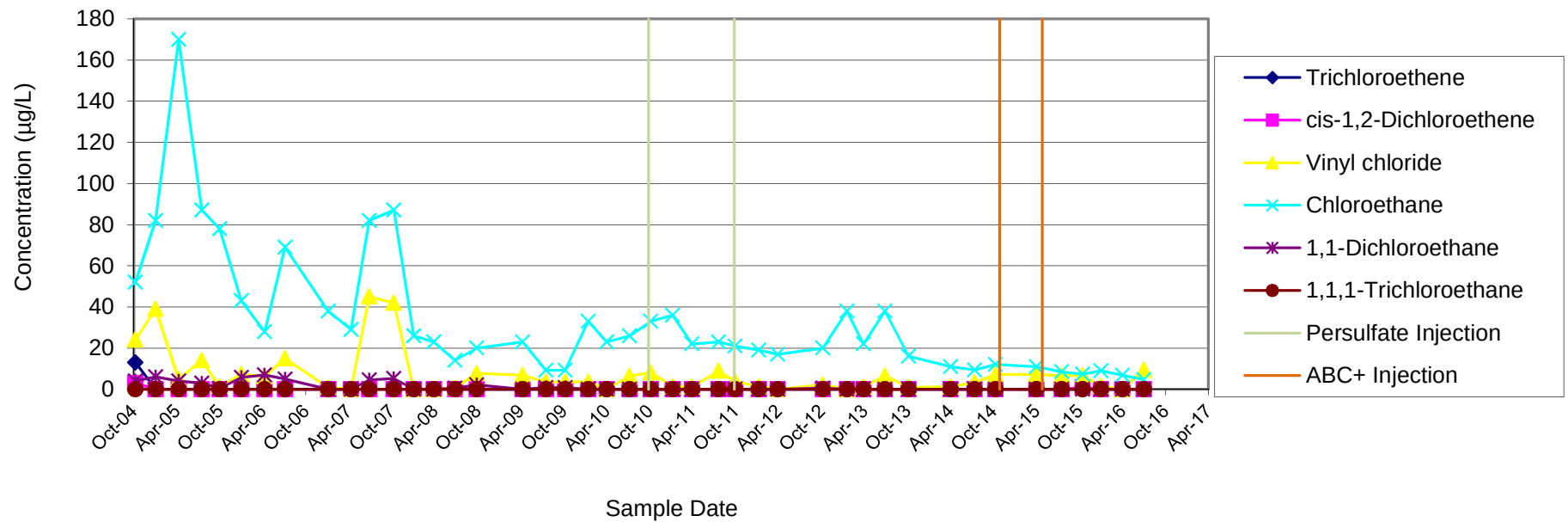


MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/12/2011	<1	<1	1.3	36	<1	<1
4/4/2011	<1	<1	1.1	22	<1	<1
7/26/2011	<1	<1	8.9	23	<1	<1
10/4/2011	<1	<1	3.9	21	<1	<1
1/12/2012	<1	<1	1.4	19	<1	<1
4/2/2012	<1	<1	<1	17	<1	<1
10/11/2012	<1	<1	2.1	20	0.49	<1
1/21/2013	<1	<1	<1	38	<1	<1
4/1/2013	<1	<1	1.1	22	<1	<1
7/1/2013	<1	<1	6.6	38	<1	<1
10/10/2013	<1	<1	0.95	16	<1	<1
4/7/2014	<1	<1	1.2	11	<1	<1
7/17/2014	<1	<1	3.3	9.4	<1	<1
10/14/2014	<1	<1	7.1	12	<1	<1
4/6/2015	<1	<1	7.2	11	<1	<1
7/23/2015	<1	<1	6.6	8.5	<1	<1
10/19/2015	<1	0.88	6.7	7.4	<1	<1
1/6/2016	<1	<1	1.5	9	<1	<1
4/5/2016	<5	<5	< 5	6.8	<5	<5
7/6/2016	<5	<5	9.4	4.7	<5	<5

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

Trend Plot

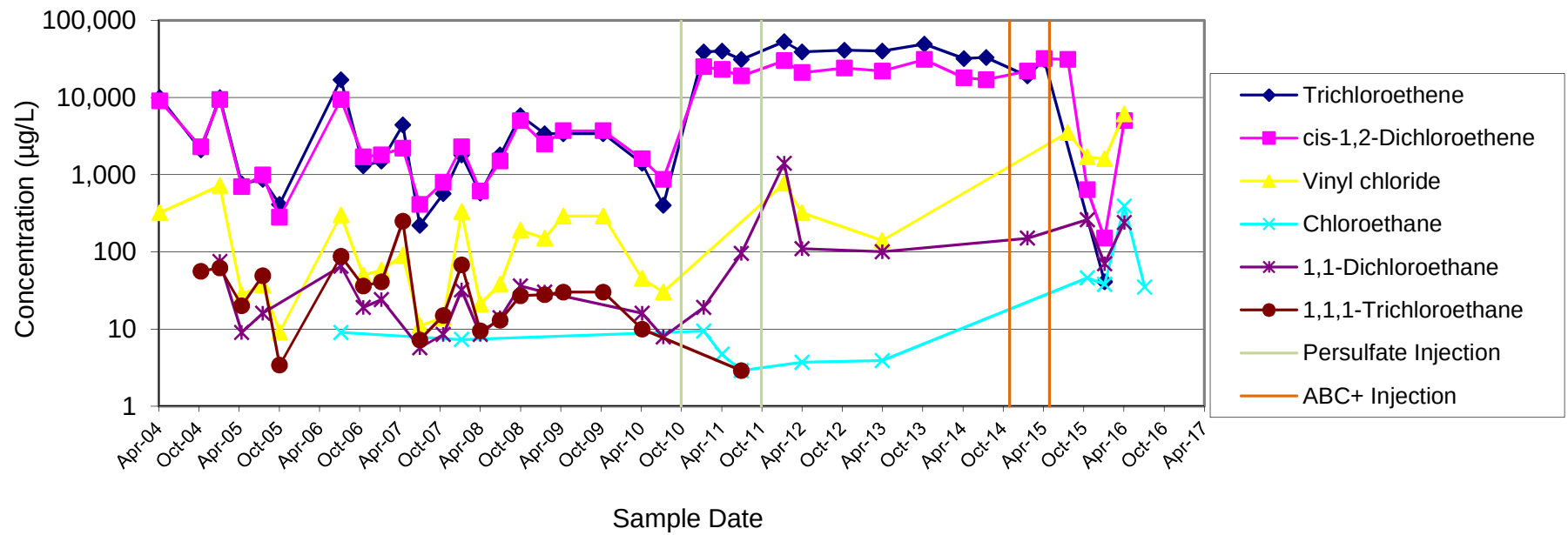


PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/12/2011	39,000	25,000	<500	9.4	19	<1
4/6/2011	40,000	23,000	<800	4.7	<800	<800
7/2/2011	31,000	19,000	<800	2.9	95	2.9
1/13/2012	53,000	30,000	770	<800	1400	<800
4/3/2012	39,000	21,000	320	3.7	110	<1
10/12/2012	41,000	24,000	<800	<800	<800	<800
4/2/2013	40,000	22,000	140	3.9	100	<1
10/10/2013	49,000	31,000	<1	<1	<1	<1
4/7/2014	32,000	18,000	<500	<500	<500	<500
7/17/2014	33,000	17,000	<500	<500	<500	<500
1/21/2015	19,000	22,000	<500	<500	150	<500
4/7/2015	31,000	32,000	<500	<500	<500	<500
7/23/2015	<500	31,000	3,500	<500	<500	<500
10/20/2015	<10	640	1,700	46	260	<10
1/6/2016	41	150	1,600	38	70	<25
4/5/2016	<100	5,000	6,100	390	240	<100
7/6/2016	<4	<4	<4	35	<4	<4

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

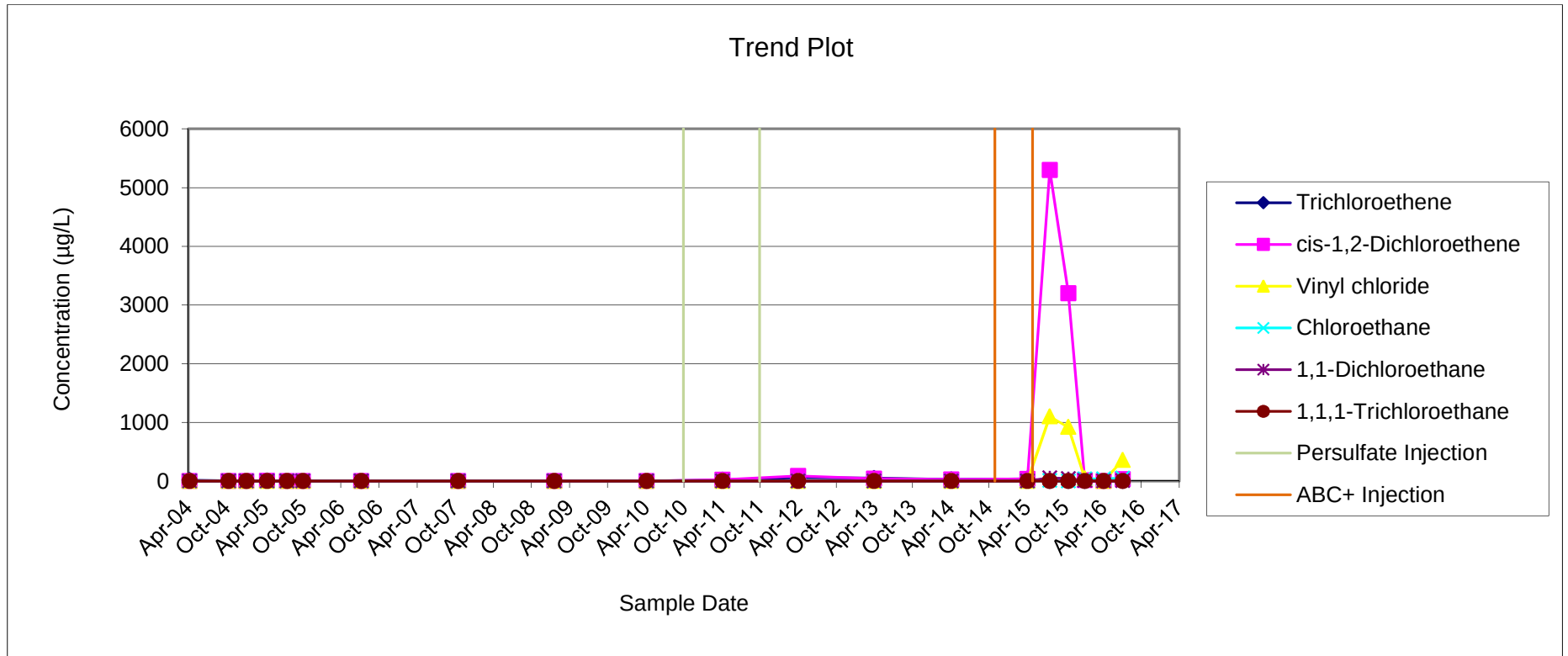
Trend Plot



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
4/6/2011	22	23	<1	<1	<1	<1
4/3/2012	62	89	2.3	<1	<1	<1
4/1/2013	53	44	2.9	<1	<1	<1
4/7/2014	30	28	1.9	<1	<1	<1
4/7/2015	40	37	<1	<1	<1	<1
7/23/2015	2	5,300	1,100	11	56	<1
10/20/2015	<100	3,200	920	<100	42	<100
1/6/2016	<10	15	47	38	12	<10
4/6/2016	<10	<10	<10	36	<10	<10
7/6/2016	<10	34	360	51	7.8	<10

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

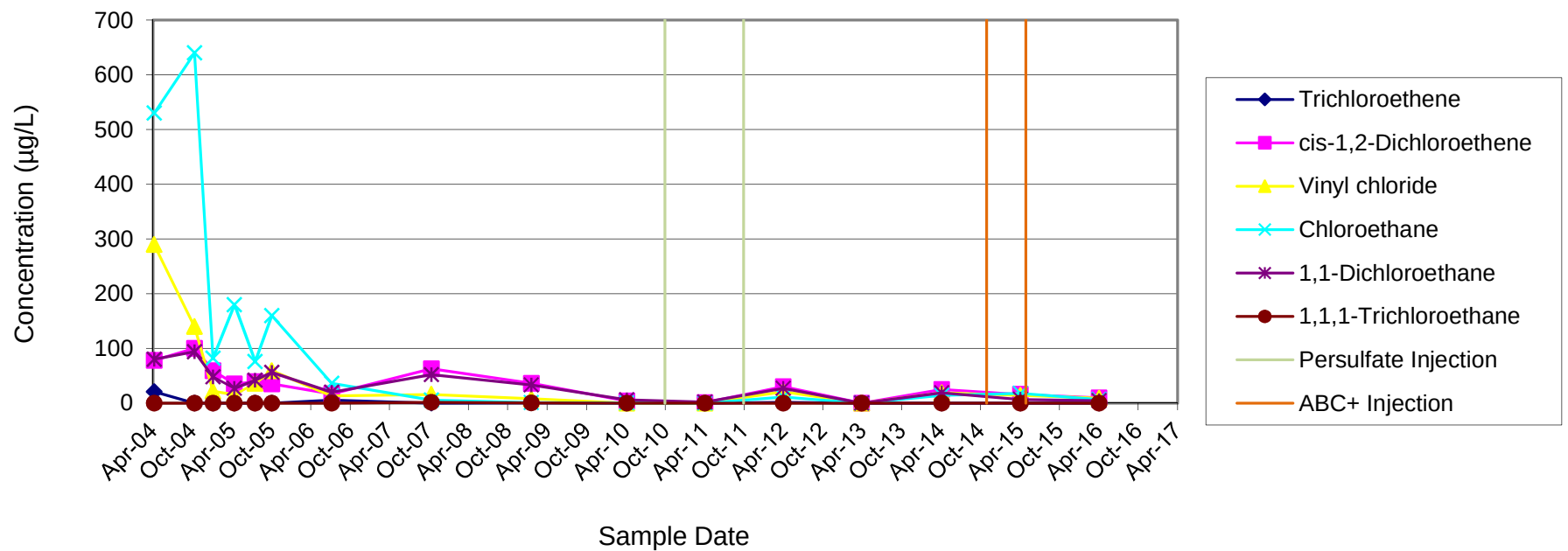


PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/5/2011	< 1	1.1	< 1	< 1	1.9	< 1
4/2/2012	1.3	30	21	11	27	< 1
4/1/2013	< 1	< 1	< 1	< 1	< 1	< 1
4/7/2014	< 1	25	19	14	19	< 1
4/7/2015	< 1	16	14	18	6.8	< 1
4/5/2016	< 1	9.6	8.9	6.3	4.4	< 1

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

Trend Plot

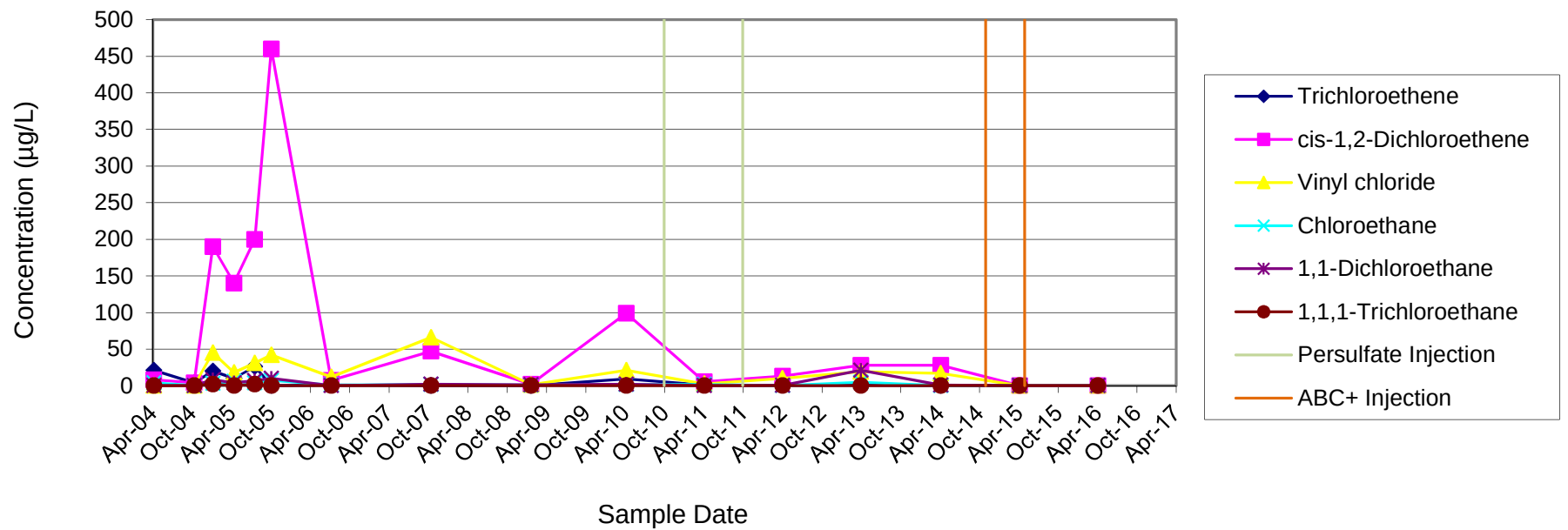


PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/5/2011	0.97	5.6	2.6	1.5	<1	<1
4/2/2012	0.64	13	9.9	<1	0.44	<1
4/1/2013	0.99	28	19	4.6	21	<1
4/7/2014	<1	28	17	<1	0.82	<1
4/7/2015	<1	<1	<1	<1	<1	<1
4/5/2016	<1	<1	<1	<1	<1	<1

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

Trend Plot

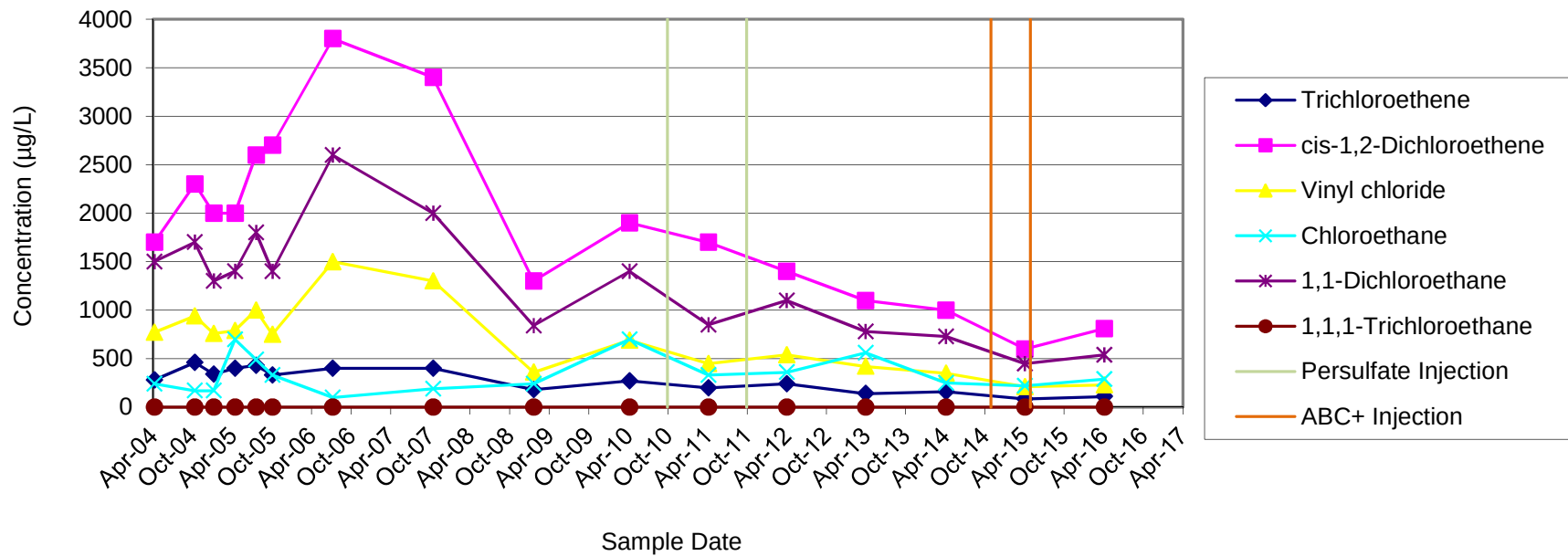


PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/7/2011	200	1700	450	330	850	<1
4/3/2012	240	1400	540	360	1100	<1
4/1/2013	140	1100	420	560	780	<20
4/7/2014	160	1000	350	250	730	<20
4/6/2015	85	600	210	220	450	<20
4/6/2016	110	810	230	290	540	<20

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

Trend Plot

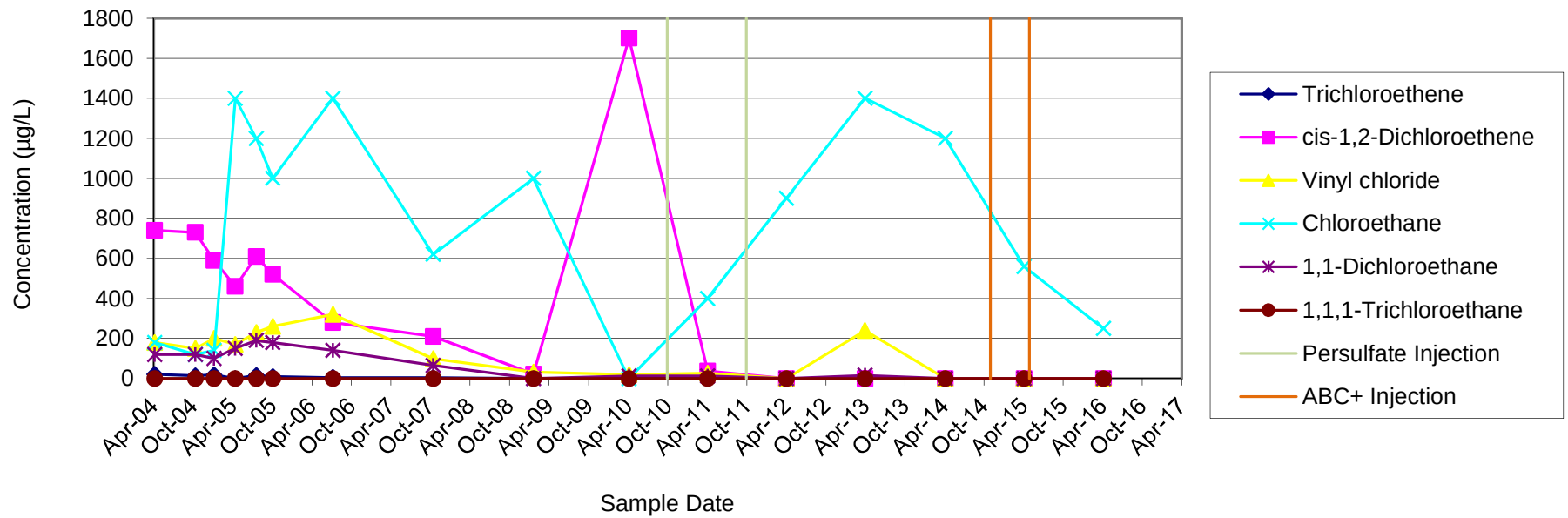


PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/5/2011	<8	38	26	400	13	<8
4/3/2012	<10	<10	<10	900	<10	<10
4/1/2013	<8	<8	240	1400	16	<8
4/7/2014	<20	<20	<20	1200	<20	<20
4/6/2015	<20	<20	<20	560	<20	<20
4/6/2016	<5	<5	<5	250	<5	<5

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

Trend Plot

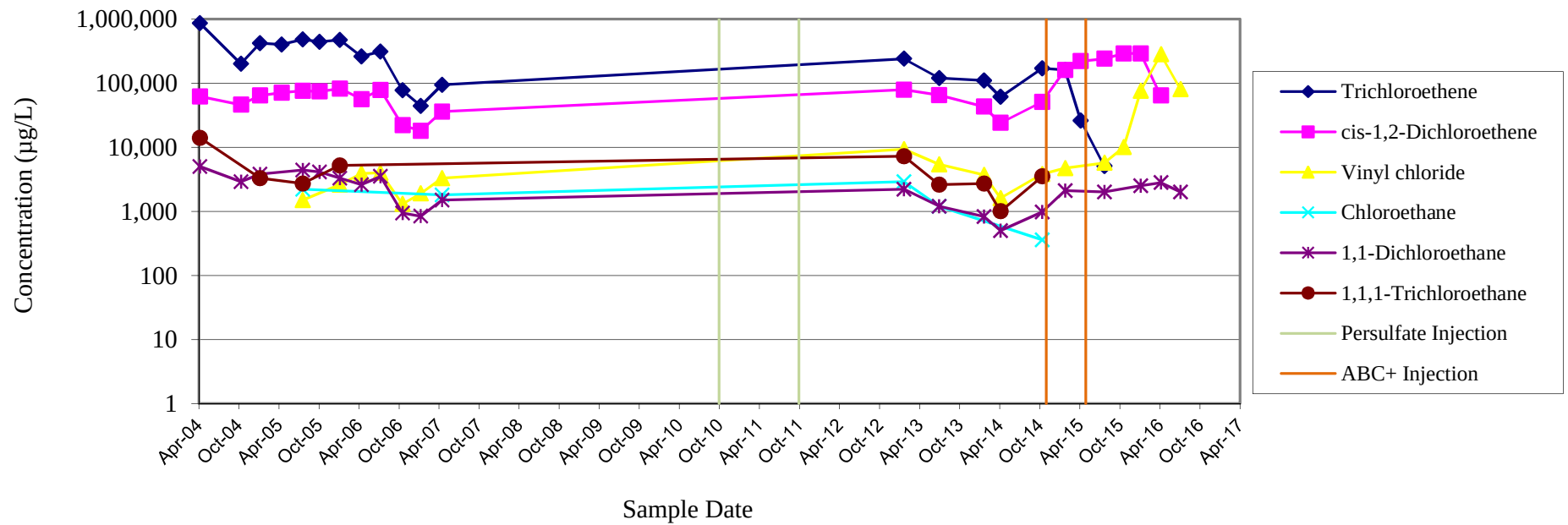


PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/21/2013	240,000	79,000	9,300	2,900	2,200	7,200
7/1/2013	120,000	65,000	5,400	1,200	1,200	2,600
1/22/2014	110,000	43,000	3,700	<2,000	830	2,700
4/7/2014	61,000	24,000	1,600	<1000	500	1,000
10/14/2014	170,000	51,000	3,800	360	980	3,500
1/26/2015	160,000	160,000	4,700	<4,000	2,100	<4,000
4/7/2015	26,000	220,000	<4,000	<4,000	<4,000	<4,000
7/24/2015	5,100	240,000	5,700	<4,000	2,000	<4,000
10/20/2015	<4,000	290,000	10,000	<4,000	<4,000	<4,000
1/6/2016	<4,000	290,000	76,000	<4,000	2,500	<4,000
4/7/2016	<4,000	64,000	280,000	<4,000	2,800	<4,000
7/5/2016	<2,000	<2,000	80,000	<2,000	2,000	<2,000

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

Trend Plot



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
4/7/2011	22	59	33	59	27	1.2
4/3/2012	42	66	46	110	35	<1
4/1/2013	57	2900	1100	190	260	<1
4/7/2014	<25	1700	390	110	99	<25
4/7/2015	<25	650	380	170	94	<25
7/23/2015	<25	<25	41	340	56	<25
10/20/2015	<10	24	9.2	<10	15	<10
1/6/2016	<5	<5	9.2	140	2.9	<5
4/7/2016	<10	<10	50	370	<10	<10
7/5/2016	<10	<10	13	320	33	<10

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

