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December 1, 2016

Mr. Glenn May
New York State Department of Environmental Conservation, Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

Subject: **Fiscal Fourth Quarter 2016 Groundwater Monitoring Report (07/05/16 – 10/24/16)**
October 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 Fourth 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), NYSDEC Site Code No. 9-15-149. This report has been developed in accordance with the NYSDEC Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

Groundwater samples were collected from select monitoring wells in fulfillment of the site AOC 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 and liquid ring pump discharge sampling ports as part of the October 2016 sampling event, to ensure that the treated system effluent was in compliance with NYSDEC vapor discharge guidance criteria. Included in this report are a description of the project background, groundwater and vapor monitoring activities, operation and maintenance (O&M) activities for the 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 January 2017 through October 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; this PRR was revised per NYSDEC comment letter dated November 22, 2016 and resubmitted on November 30, 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 – October 2016

AECOM personnel collected quarterly groundwater samples on October 24-27, 2016, in accordance with the procedures outlined in the NYSDEC-approved November 2003 RDWP and the August 2010 letter. October 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 October 24, 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 October 24, 2016.

Groundwater elevations measured on October 24, 2016 ranged from 686.25 feet above mean sea level (AMSL) at MW-15S to 673.93 feet AMSL at MW-14D. The average groundwater surface elevation across the site was 1.27 feet lower when compared to the prior round of groundwater elevation measurements collected in July 2016. The drop in groundwater elevations is attributable to re-activing the DPE system, as it was not running during the 23 months prior to that event. Based on the October 2016 water level measurements, the groundwater surface beneath the site exhibits inward flow towards the GWCT and DPE wells. As **Figure 4** illustrates, the GWCT and DPE wells induces groundwater flow reversal along the western AVOX Plant 2 property boundary. This reversal in groundwater flow provides hydraulic capture of VOCs present in the overburden groundwater that might otherwise migrate off-site.

Groundwater Quality Results – October 2016

Tables 3, 4 and **5** summarize VOC data for groundwater samples collected in October 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 guidance values. 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]). 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
October 2016

VOCs Detected in Groundwater	Concentration Range (micrograms per liter)	Number of Detections	RAO/NYCRR Exceedances
Vinyl Chloride	2.3 – 35,000	8	7
cis-1,2-Dichloroethene	0.81 – 710	8	7
Chloroethane	1.2 – 1,600	8	6
1,1-Dichloroethane	1.5 – 670	7	5
Toluene	4.4 – 370	3	2
Acetone	3.2 – 86	5	1
2-Butanone	230	1	1
1,1-Dichloroethene	34	1	1
trans-1,2-Dichloroethene	29	1	1
Benzene	1.1	1	1
Cyclohexane	0.96	1	0
Trichloroethene	0.47	1	0

Twelve VOCs were detected in groundwater from monitoring wells and piezometers sampled above their associated detection limit during the monitoring period. Ten of the twelve 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 twelve samples. The occurrences of constituents of potential concern 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 October 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-dichlorethene (cis-1,2-DCE) and vinyl chloride (VC), and 1,1,1- TCA daughter products 1,1-dichlorethane (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 Third Quarter 2015 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 10 of the 12 monitoring wells and piezometers sampled in October 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.

Table 6 shows a summary of historical and current TCE concentrations. Based on the October 2016 groundwater data, there were no detections of TCE above the RAO. 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 – October 2016

AECOM personnel collected vapor effluent samples from the combined groundwater remediation system vapor discharge stacks on October 24, 2016. Summa canisters were used to collect the vapor samples from the permanent sample port located on the air stripper (AS) discharge stack and from the DPE vacuum pump discharge stack. **Figure 3** shows the location of the vapor sample ports. The vapor samples were analyzed for VOCs using EPA Method TO-15 by TestAmerica Laboratories, Inc., Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – October 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**. Eleven VOCs were detected in the AS unit effluent and three VOCs were detected in the DPE vacuum pump effluent. The total VOCs discharged were 6,081 micrograms per cubic meter in the combined AS and DPE vacuum pump unit effluents. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.0022 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 turned back on in August 2016. Based on a system operational period from July 5, 2016 (Third Quarter groundwater sampling event) to October 24, 2016, the total combined DPE system runtime was 60.7 percent. The GWCT ran almost 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 83,317 gallons, at an average flow rate of 0.52 gallons per minute.

Summary

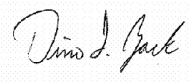
The DPE system was turned back on in August 2016 following being off-line since the November 2014 and April/May 2015 injection pilot test. The GWCT was also operational during Fourth Quarter 2016 groundwater sampling and monitoring activities that occurred on October 24-27, 2016. TCE was not detected 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 October 2016 sampling event, the combined GWCT and DPE system continue 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 Fourth Quarter 2016 were less than the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event is scheduled for January 2017; 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,



Dino L. Zack, P.G.
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\Enclosures

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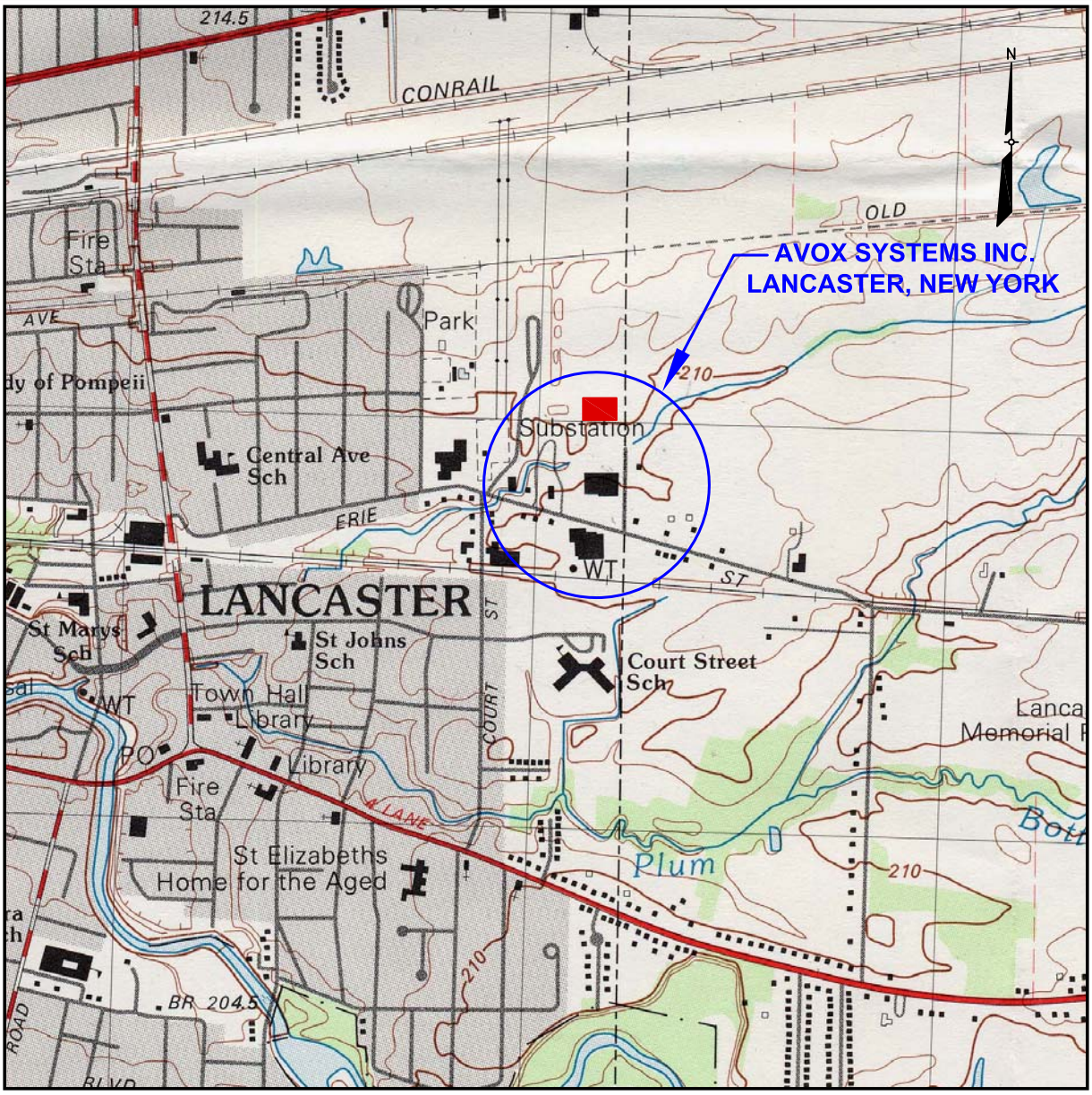
Jennifer Davide, AVOX Systems Inc. (Electronic Copy)
AECOM Project 60314190 File (Electronic Copy)

Figures

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

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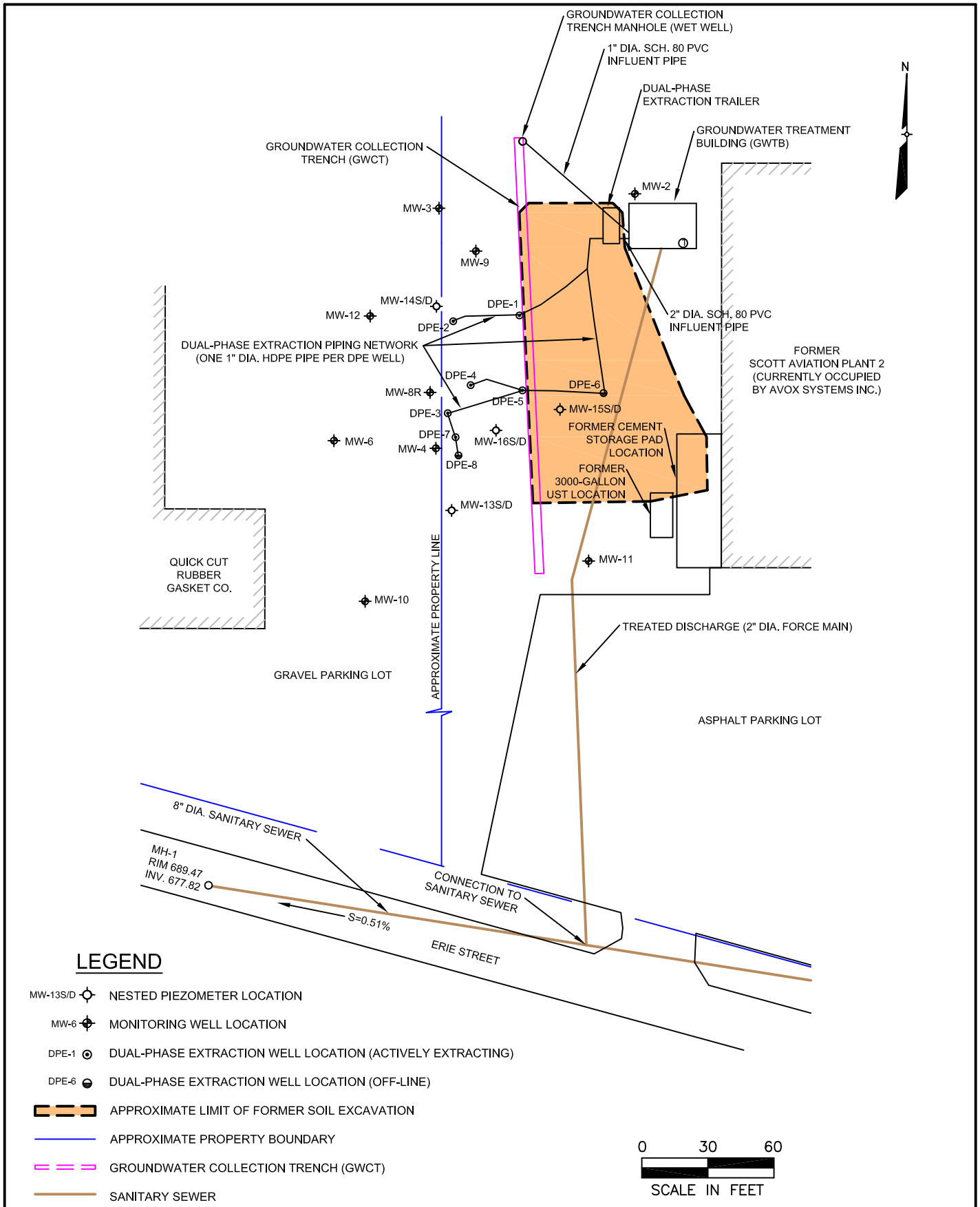

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FIGURE 2
SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

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CONDENSATE RETURN LINES

VAPOR DISCHARGE TO ATMOSPHERE

OIL SEALED VACUUM BLOWER (LIQUID RING PUMP)

RECYCLE LINE

OIL FILTER RECYCLER

DUAL PHASE EXTRACTION TRAILER

PARTICULATE/LIQUID FILTER

DPE SYSTEM CONTROL PANEL

VAPOR / LIQUID PHASE SEPARATOR

H H
H L
L L

DPE-6 DPE-7 DPE-8

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

AUTO TRANSER PUMP

HOLD TANK

AUTO TRANSER PUMP

BAG FILTER #1

BAG FILTER #2

VACUUM BLOWER

VAPOR DISCHARGE TO ATMOSPHERE

FLOOR SUMP

AIR BLEED VALVE

DROP TUBE

DPE RECOVERY WELL (TYP)

AIR STRIPPER SYSTEM CONTROL PANEL

AIR STRIPPER

GROUNDWATER TREATMENT BUILDING (GWTB)

AUTO TRANSER PUMP

SUBMURSIBLE PUMP

GROUNDWATER COLLECTION TRENCH (GWCT) WET WELL

HEAT EXCHANGER (OFF-LINE)

CONDENSATE RETURN LINES

TREATED WATER DISCHARGE TO SANITARY SEWER

FRESH AIR INTAKE

LEGEND

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

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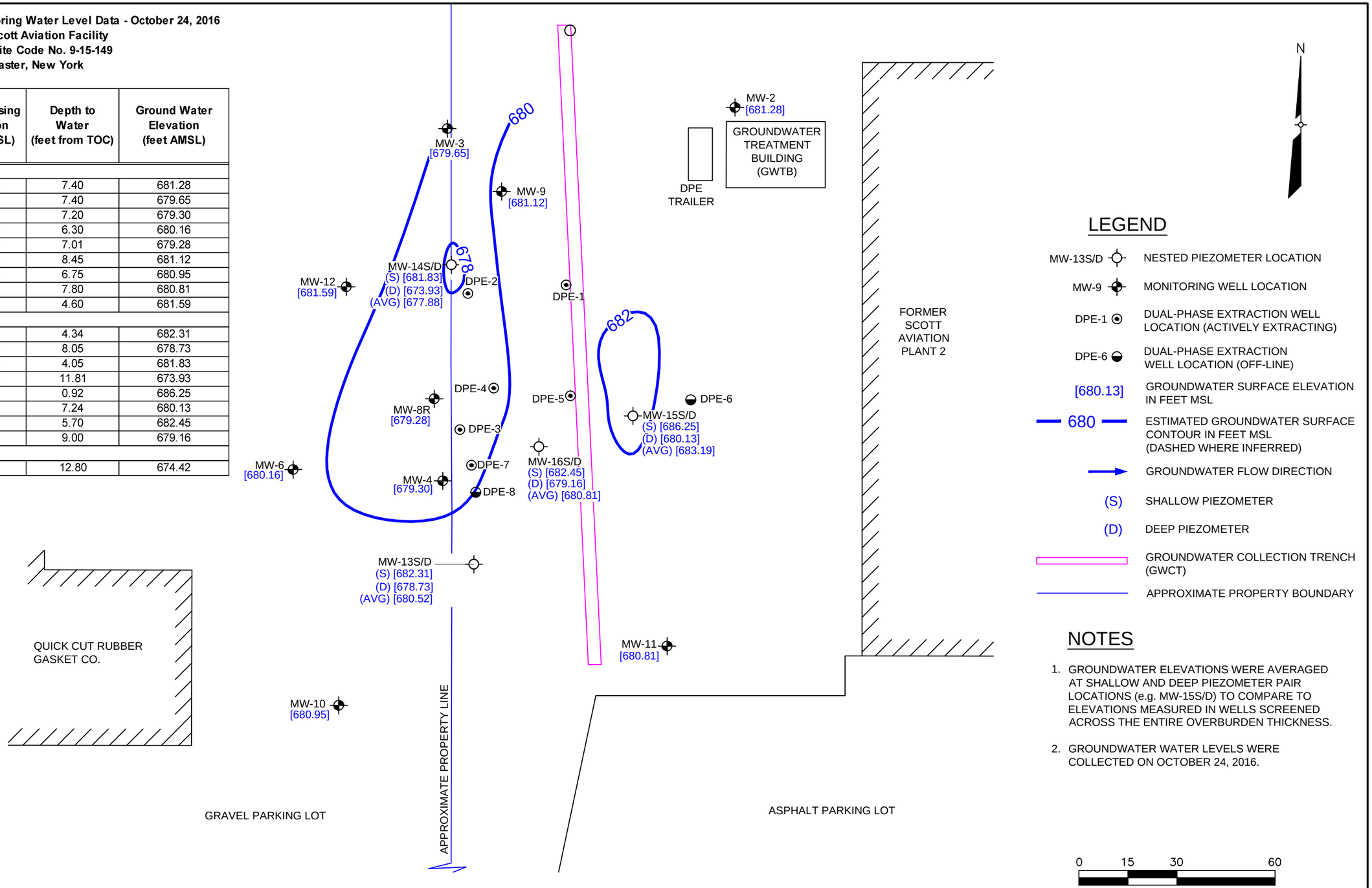
FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM FOR COMBINED DUAL PHASE EXTRACTION REMEDIATION SYSTEM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

Quarterly Groundwater Monitoring Water Level Data - October 24, 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	7.40	681.28
MW-3	687.05	7.40	679.65
MW-4	686.50	7.20	679.30
MW-6	686.46	6.30	680.16
MW-8R	686.29	7.01	679.28
MW-9	689.57	8.45	681.12
MW-10	687.70	6.75	680.95
MW-11	688.61	7.80	680.81
MW-12	686.19	4.60	681.59
Nested Piezometers			
MW-13S	686.65	4.34	682.31
MW-13D	686.78	8.05	678.73
MW-14S	685.88	4.05	681.83
MW-14D	685.74	11.81	673.93
MW-15S	687.17	0.92	686.25
MW-15D	687.37	7.24	680.13
MW-16S	688.15	5.70	682.45
MW-16D	688.16	9.00	679.16
Remedial System			
GWCT Manhole (rim)	687.22	12.80	674.42

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



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)
- [680.13] — 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

1. 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.
2. GROUNDWATER WATER LEVELS WERE COLLECTED ON OCTOBER 24, 2016.

0 15 30 60
SCALE IN FEET

AECOM

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

Tables

Table 1

Groundwater Monitoring Schedule - January 2017 through October 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			
January 2017 (Quarterly)	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
April 2017 (Annual)	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			
July 2017 (Quarterly)	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
October 2017 (Quarterly)	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

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 - October 24, 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	7.40	681.28
MW-3	687.05	7.40	679.65
MW-4	686.50	7.20	679.30
MW-6	686.46	6.30	680.16
MW-8R	686.29	7.01	679.28
MW-9	689.57	8.45	681.12
MW-10	687.70	6.75	680.95
MW-11	688.61	7.80	680.81
MW-12	686.19	4.60	681.59
Nested Piezometers			
MW-13S	686.65	4.34	682.31
MW-13D	686.78	8.05	678.73
MW-14S	685.88	4.05	681.83
MW-14D	685.74	11.81	673.93
MW-15S	687.17	0.92	686.25
MW-15D	687.37	7.24	680.13
MW-16S	688.15	5.70	682.45
MW-16D	688.16	9.00	679.16
Remedial System			
GWCT Manhole (rim)	687.22	12.80	674.42

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

Table 3

Summary of October 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	10/24/16		10/25/16		10/25/16		10/24/16		10/25/16		10/24/16		10/24/16		10/24/16	
Lab Sample ID	Objective	480-108459-1		480-108459-2		480-108459-3		480-108459-4		480-108459-13		480-108459-5		480-108459-6		480-108459-7	
Volatile Organic Compounds by Method 8260 (µg/L)																	
1,1-Dichloroethane (1,1-DCA)	5*	1.0	U	**1.6**		**78**		1.0	U	**170**		1.0	U	**1.5**		1.0	U
1,1-Dichloroethene (1,1-DCE)	5	1.0	U	1.0	U	20	U	1.0	U	**34**	**J**	1.0	U	1.0	U	1.0	U
2-Butanone (MEK)	50	10	U	10	U	**230**		10	U	1,000	U	10	U	10	U	10	U
Acetone	50	**3.5**	**J**	10	U	**86**	**J**	10	U	1,000	U	10	U	10	U	**3.2**	**J**
Benzene	1	1.0	U	1.0	U	20	U	1.0	U	100	U	1.0	U	1.0	U	**1.1**	**J**
Chloroethane	5*	**1.2**		**2.2**		**830**		1.0	U	100	U	1.0	U	1.0	U	**7.9**	
cis-1,2-Dichloroethene (cis-1,2-DCE)	5*	1.0	U	**0.81**	**J**	**38**		1.0	U	**710**		1.0	U	**5.3**		1.0	U
Cyclohexane	NL	**0.96**	**J**	1.0		20	U	1.0	U	100	U	1.0	U	1.0	U	1.0	U
Toluene	5*	1.0	U	1.0	U	**12**	**J**	1.0	U	100	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene (trans-1,2-DCE)	5	1.0	U	1.0	U	**29**		1.0	U	100	U	1.0	U	1.0	U	1.0	U
Trichloroethene (TCE)	5*	1.0	U	1.0	U	20	U	1.0	U	100	U	1.0	U	1.0	U	1.0	U
Vinyl chloride (VC)	5*	1.0	U	**14.0**		**150**		1.0	U	**4,700**		1.0	U	**2.3**		**7.7**	
Total Volatile Organic Compounds	NA	5.7		18.6		1,453		0.0		5,614		0.0		9.1		17	

Table 3

Summary of October 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	10/25/16		10/25/16		10/26/16		10/26/16	
Lab Sample ID	Objective	480-108459-12		480-108459-14		480-108459-8		480-108459-11	
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane (1,1-DCA)	5*	**8.5**		1.0	U	**670**		**16**	
1,1-Dichloroethene (1,1-DCE)	5	2.0	U	1.0	U	500	U	10	U
2-Butanone (MEK)	50	20	U	10	U	5,000	U	100	U
Acetone	50	**14**	**J**	**5.5**	**J**	5,000	U	100	U
Benzene	1	2.0	U	1.0	U	500	U	10	U
Chloroethane	5*	**32**		**12**		**1,600**		**310**	
cis-1,2-Dichloroethene (cis-1,2-DCE)	5*	**100**		**1.0**		**420**	**J**	**31**	
Cyclohexane	NL	2.0		1.0	U	500	U	10	U
Toluene	5*	**4.4**		1.0	U	**370**	**J**	10	U
trans-1,2-Dichloroethene (trans-1,2-	5	2.0	U	1.0	U	500	U	10	U
Trichloroethene (TCE)	5*	2.0	U	**0.47**	**J**	500	U	10	U
Vinyl chloride (VC)	5*	**190**		1.0	U	**35,000**		**13**	
Total Volatile Organic Compounds	NA	249		19		38,060		370	

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.
U - Not detected at or above reporting limit.
NL - Not listed.
NA = Not applicable.

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-1	DPE-2	DPE-2	DPE-2	DPE-3	DPE-3	DPE-3	DPE-3	DPE-3	DPE-3
Date Collected	RAO/ NYCRR	04/17/14	04/06/16	07/06/16	10/27/16	04/17/14	04/06/16	07/06/16	04/17/14	07/24/15	10/21/15	04/06/16	07/07/16	10/27/16
Lab Sample ID	Objective	480-58303-1	480-97989-10	480-102662-9	480-108538-3	480-58303-6	480-97989-11	480-102662-8	480-58303-2	480-84562-16	480-89674-15	480-97989-12	480-102824-3	480-108538-4
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	5 U	**43**	10 U	20 U	5 U	10 U	5 U
1,1-Dichloroethane	5*	**69**	**130**	10 U	**21**	**4.4**	5 U	5 U	**42**	**24**	20 U	5 U	10 U	5 U
1,1-Dichloroethene	5	10 U	20 U	10 U	5 U	5 U	5 U	5 U	**26**	**3.1 J**	20 U	5 U	10 U	5 U
1,2-Dichloroethane	0.6	10 U	20 U	10 U	**1.1 J**	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U	5 U
2-Butanone (MEK)	50	**140**	200 U	100 U	**24 J**	50 U	50 U	50 U	50 U	**610**	**220**	50 U	100 U	50 U
Acetone	50	**310**	200 U	100 U	**64**	50 U	50 U	50 U	50 U	**110**	**110 J**	50 U	100 U	50 U
Benzene	1	10 U	20 U	10 U	5 U	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U	5 U
Carbon Disulfide	60	10 U	20 U	10 U	5 U	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U	5 U
Chloroethane	5*	**15**	20 U	10 U	**9.2**	5 U	5 U	5 U	10 U	**23**	20 U	5 U	10 U	5 U
Chloromethane	5	10 U	**18 J**	10 U	5 U	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U	**6**
cis-1,2-Dichloroethene	5*	**71**	**130**	10 U	**25**	**240**	5 U	5 U	**2,700**	**650**	**70**	**18**	**8.7** J	5 U
Methylene Chloride	5	10 U	20 U	10 U	**4.3 J**	5 U	5 U	5 U	10 U	**6.1 J**	20 U	**7.5**	10 U	5 U
Toluene	5*	**18**	**29**	10 U	**5.7**	5 U	5 U	5 U	**8.0 J**	**8.4 J**	20 U	5 U	10 U	5 U
trans-1,2-Dichloroethene	5	10 U	20 U	10 U	5 U	5 U	5 U	5 U	10 U	10 U	20 U	5 U	10 U	5 U
Trichloroethene	5*	**23**	**18 J**	10 U	**4.7 J**	**5.9**	5 U	5 U	**6,500**	10 U	20 U	5 U	10 U	**3.1 J**
Vinyl chloride	5*	**15**	**31**	10 U	**6.8**	**54**	5 U	5 U	**120**	**240**	20 U	**12**	**43**	**10**

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-4		DPE-5		DPE-5		DPE-5		DPE-5		DPE-5	
Date Collected	RAO/ NYCRR	04/17/14		07/24/15		10/21/15		07/06/16		10/27/16		04/17/14		07/24/15		10/21/15		07/06/16		10/27/16	
Lab Sample ID	Objective	480-58303-3		480-84562-17		480-89674-16		480-102662-10		480-108538-5		480-58303-4		480-84562-18		480-89674-17		480-102662-13		480-108538-6	
Volatile Organic Compounds by Method 8260 (µg/L)																					
1,1,1-Trichloroethane	5*	10	U	10	U	100	U	400	U	1.0	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	5*	**8.1**		**130**		**450**		400	U	**2.5**		**160**		**30**		**59**		**17**		**110**	
1,1-Dichloroethene	5	10	U	**30**		**460**		400	U	1.0	U	**2.9**	**J**	10	U	10	U	10	U	10	U
1,2-Dichloroethane	0.6	10	U	**2.2**	**J**	100	U	400	U	1.0	U	10	U	10	U	10	U	10	U	**9.3**	**J**
2-Butanone (MEK)	50	50	U	**65**	**J**	1,000	U	4,000	U	1.0	U	**26**	**J**	**330**		**660**		**78**	J	100	U
Acetone	50	50	U	**46**	**J**	1,000	U	4,000	U	**6.9**	**J**	**120**		**240**		**340**		**120**		**180**	
Benzene	1	10	U	10	U	100	U	400	U	1.0	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	60	10	U	**3.4**	**J**	100	U	400	U	**2.1**		10	U	10	U	10	U	10	U	10	U
Chloroethane	5*	10	U	**49**		**110**		400	U	**4.6**		**46**		**51**		**81**		**87**		**120**	
Chloromethane	5	10	U	10	U	**230**		400	U	1.0	U	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	5*	**510**		**30,000**		**130,000**		**25,000**		**130**		**320**		**410**		**610**		**120**		**2,800**	
Methylene Chloride	5	10	U	**8.1**	**J**	100	U	**260**	**J**	5.7	J	10	U	**4.5**	**J**	10	U	10	U	10	U
Toluene	5*	10	U	**28**		**140**		400	U	1.0	U	**30**		**11**		**9.2**		10	U	**12**	
trans-1,2-Dichloroethene	5	10	U	**36**		100	U	400	U	1.0	U	10	U	**11**		**20**		10	U	10	U
Trichloroethene	5*	**630**		**93**		**120**		**400**		**1.4**		**160**		10	U	10	U	10	U	**14**	
Vinyl chloride	5*	**31**		**4,700**		**37,000**		**12,000**		**44**		**71**		**180**		**170**		**71**		**1,600**	

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-7	DPE-8	DPE-8	DPE-8	DPE-8
Date Collected	RAO/ NYCRR	04/17/14	07/24/15	10/21/15	07/07/16	10/27/16	07/24/15	10/21/15	07/07/16	10/27/16
Lab Sample ID	Objective	480-58303-5	480-84562-19	480-89674-18	480-102824-4	480-108538-7	480-84562-20	480-89674-19	480-102824-5	480-108538-1
Volatile Organic Compounds by Method 8260 (µg/L)										
1,1,1-Trichloroethane	5*	10 U	20 U	20 U	20 U	20 U	**57**	**170**	**39**	**21**
1,1-Dichloroethane	5*	**460**	**250**	**390**	**63**	20 U	**140**	**590**	**58**	**22**
1,1-Dichloroethene	5	**47 J**	**12 J**	20 U	20 U	20 U	50 U	**20**	5 U	**4.0 J**
1,2-Dichloroethane	0.6	10 U	20 U	20 U	20 U	20 U	50 U	20 U	5 U	5 U
2-Butanone (MEK)	50	50 U	**150 J**	**940**	**530**	**210**	**540**	**260**	50 U	50 U
Acetone	50	50 U	**1,100**	**530**	**230**	**130 J**	**890**	**220**	50 U	50 U
Benzene	1	10 U	20 U	20 U	20 U	20 U	50 U	20 U	5 U	5 U
Carbon Disulfide	60	10 U	20 U	20 U	20 U	20 U	50 U	**11**	5 U	5 U
Chloroethane	5*	**11**	**27**	**260**	**260**	**110**	50 U	**54**	**44**	**12**
Chloromethane	5	**10** U	20 U	20 U	20 U	20 U		20 U	5 U	5 U
cis-1,2-Dichloroethene	5*	**11,000**	**820**	**680**	**26**	**27**	**1,500**	**2,300**	5 U	**850**
Methylene Chloride	5	10 U	**11 J**	20 U	20 U	20 U	**23 J**	20 U	5 U	5 U
Toluene	5*	10 U	20 U	20 U	20 U	20 U	50 U	20 U	5 U	5 U
trans-1,2-Dichloroethene	5	10 U	20 U	20 U	20 U	20 U	50 U	**55**	**8.1**	5 U
Trichloroethene	5*	**1,300**	20 U	**12 J**	20 U	20 U	**230**	**92**	**5.4**	**8.4**
Vinyl chloride	5*	**580**	**470**	**780**	**300**	20 U	**1,400**	**1,700**	**110**	**140**

Notes:
The DPE system was put back on line following the third quarter 2016 sampling event.
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	Groundwater	GWCT Manhole			GWCT Manhole			GWCT Manhole			GWCT Manhole			GWCT Manhole			GWCT Manhole		
Date Collected	RAO/ NYCRR	07/24/15			10/19/15			01/05/16			04/04/16			07/05/16			10/24/16		
Lab Sample ID	Objective	480-84562-15			480-89674-20			480-93630-15			480-84562-15			480-012662-4			480-108538-2		
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	<	1.0	U
2-Butanone (MEK)	50		**2.4**	**J**	<	10	U	<	10	U	<	10	U	<	10	U	<	10	U
Acetone	50		**7.0**	**J**	<	10	U	<	10	U	<	10	U	<	10	U	<	10	U
Benzene	1	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U
Chloroethane	5*	<	1.0	U	<	1.0	U		**62**			**44**			**70**			**34**	
cis-1,2-Dichloroethene	5*		**1.1**		<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U
Methylene Chloride	5	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U
Toluene	5*	<	1.0	U	<	1.0	U		**0.99**	**J**	<	1.0	U	<	1.0	U	<	1.0	U
Trichloroethene	5*	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U
trans-1,2-Dichloroethene	5	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U
Vinyl chloride	5*	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U	<	1.0	U
Xylenes, Total	5*	<	2.0	U	<	2.0	U	<	2.0	U	<	2	U	<	2.0	U	<	2.0	U
Total Volatile Organic Compounds	NA		12.8			0.7			63.0			44.4			70.0			34.0	

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 Trichloroethene Concentrations Following November 2014 Injection Pilot Study - October 2016
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Well ID	Jan 2015[(1)]	Apr 2015	Jul 2015	Oct 2015	Jan 2016	Apr 2016	Jul 2016	Oct 2016	TCE Reduction - Previous Sampling	TCE Reduction - Baseline Sampling
MW-2	ND	<5	<1	<1	<1	<1	<1	<1	ND	ND
MW-3	ND	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-4	18,000	110	<100	<100	<100	<100	<20	<20	ND	ND
MW-6	ND	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-8R	2,100	<2,000	200	<25	<1,000	<1,000	24	<100	ND	ND
MW-10	ND	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW- 11	ND	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-12	NS	<1	<1	<1	<1	<5	<5	<1	ND	ND
MW-13S	19,000	31,000	<500	<10	41	<100	<4	<2	ND	ND
MW-16S	160,000	26,000	5,100	<4,000	<4,000	<4,000	<2,000	<500	ND	ND

Notes:
(1) New baseline established following November 2015 injection pilot study.
ND - Not Detected
NS - Not Sampled

Table 7

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

	Sample ID:	LRP Effluent	AS Effluent
	Sample Date:	10/24/2016	10/24/2016
VOCs by Method TO-15 (µg/m^3)			
1,1-Dichloroethane		51	U
1,2-Dichloroethene, Total		4,400	3.6
1,2,4-Trimethylbenzene		U	2.1
Chloroethane		U	7.9
Chloromethane		U	1.1
Ethylbenzene		U	0.93
m,p-Xylene		U	3.5
o-Xylene		U	1.3
n-Hexane		U	1.0
Toluene		U	3.4
Trichlorofluoromethane		U	1.2
Trichloroethene		U	4.1
Vinyl chloride		1,600	U
Total Detected VOCs (µg/m^3)		6,051	30
Vacuum (inches Hg)		23	5.5
Air Flow Rate (acfm)		96	200
VOC discharge loading (lb/hr)		0.00217	0.00002
Total VOC discharge loading (lb/hr)		**0.00220**	

Notes:
1. µg/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

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-2
___ Upgradient ___ Downgradient
Weather Conditions: cloudy
Air Temperature: 48 ° F

Total Depth (TWD) Below Top of Casing = 16.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 7.4 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 9 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.5 gal
3 Casing Volumes = 4.401 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 8 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 690.35 1/100 ft
Height of Riser (above land surface): NA 1/100 ft
Land Surface Elevation: NA 1/100 ft
Screened Interval (below land surface): 7-17 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)	100	100	100	100	100	100	100	
Time (Military)	15:15	15:20	15:25	15:30	15:35	15:40	15:45	
Depth to Groundwater Below Top of Casing (ft)	8.05	8.88	8.78	8.81	8.83	8.83	8.85	
Drawdown (ft)	-0.65	-0.83	0.1	-0.03	-0.02	0	-0.02	
pH (S.U.)	6.87	6.74	6.74	6.78	6.81	6.82	6.83	
Sp. Cond. (mS/cm)	1.010	0.892	0.726	0.701	0.641	0.630	0.632	
Turbidity (NTUs)	5.37	4.98	11.2	10.1	9.1	7.4	5.30	
Dissolved Oxygen (mg/L)	2.26	1.08	0.80	0.79	0.78	0.94	1.22	
Water Temperature (°C)	14.88	15.13	15.08	14.98	14.67	14.76	14.87	
ORP (mV)	2.3	-6.7	-18.4	-19.3	-23.3	-21.7	-20.6	

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

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

COMMENTS/OBSERVATIONS: Pump start at 15:10. Sampled at 15:50.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/25/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-3
Upgradient ____ Downgradient ____
Weather Conditions: Cloudy with rain
Air Temperature: 45 ° F
Total Depth (TWD) Below Top of Casing = 28 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 7.4 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 20.6 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 3.4 gal
3 Casing Volumes = 10.0734 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 6 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.02 1/100 ft
Height of Riser (above land surface): 1.42 1/100 ft
Land Surface Elevation: 685.6 1/100 ft
Screened Interval (below land surface): 7.5-27.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100	100		
Time (Military)	11:10	11:15	11:20	11:25	11:30	11:35		
Depth to Groundwater Below Top of Casing (ft)	7.9	8.4	9.2	9.9	10.5	11.2		
Drawdown (ft)	-0.5	-0.5	-0.8	-0.7	-0.6	-0.7		
pH (S.U.)	8.22	7.78	7.51	7.31	7.3	7.29		
Sp. Cond. (mS/cm)	0.720	0.718	0.721	0.734	0.734	0.734		
Turbidity (NTUs)	3.50	2.1	1.91	1.1	1.4	1.1		
Dissolved Oxygen (mg/L)	4.88	2.25	2.16	2.05	1.62	1.37		
Water Temperature (°C)	14.15	13.99	14.03	14.52	14.47	14.50		
ORP (mV)	168.2	141.5	101.2	40.3	32.0	25.1		

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

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

COMMENTS/OBSERVATIONS: Start purge at 11:05. Sampled at 11:40

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/25/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-4
Upgradient ____ Downgradient ____
Weather Conditions: cloudy
Air Temperature: 45 ° F
Total Depth (TWD) Below Top of Casing = 26 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 7.2 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 18.8 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 3.1 gal
3 Casing Volumes = 9.1932 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3.5 liter

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

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)	100	100	100	100	100	100	100	
Time (Military)	13:15	13:20	13:25	13:30	13:35	13:40	13:45	
Depth to Groundwater Below Top of Casing (ft)	7.8	8.91	10.00	11.10	12.13	12.75	13.21	
Drawdown (ft)	-0.6	-1.11	-1.09	-1.1	-1.03	-0.62	-0.46	
pH (S.U.)	7.22	7.21	7.2	7.2	7.2	7.21	7.21	
Sp. Cond. (mS/cm)	2.874	2.893	2.901	2.900	2.925	2.924	2.923	
Turbidity (NTUs)	42.1	37.1	30.5	24.3	21.2	31.2	12.2	
Dissolved Oxygen (mg/L)	5.85	3.21	2.44	1.28	0.99	1.06	1.05	
Water Temperature (°C)	14.65	14.52	14.47	14.48	14.75	14.48	14.51	
ORP (mV)	-57.9	-72.3	-90.2	-108.2	-108.2	-126.4	-132.2	

Physical appearance at start — Color: clear w/ dark tint; Odor: slight
Sheen/Free Product: no

Physical appearance at sampling — Color: clear w/ dark tint; Odor: slight
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Pump on at 13:10. Sampled at 13:50

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	10/24/2016	Casing Diameter	2 inches
Field Personnel	D. Zack	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	686.53 1/100 ft
AECOM Job #	**60314190**	Height of Riser (above land surface)	-0.27 1/100 ft
Well ID #	MW-6	Land Surface Elevation	686.8 1/100 ft
	Upgradient / Downgradient	Screened Interval (below land surface)	14.5-24.5 1/100 ft
Weather Conditions	cloudy/light rain		
Air Temperature	49 ° F		
Total Depth (TWD) Below Top of Casing =	25 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	6.3 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	18.7 1/100 ft		
1 Casing Volume (OCV) = LWC x 0.163 =	3.0 gal		
3 Casing Volumes =	9.1443 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)	100	100	100	100	100	100	100	
Time (Military)	12:25	12:30	12:35	12:40	12:45	12:50	12:55	
Depth to Groundwater Below Top of Casing (ft)	6.90	7.55	7.95	8.15	8.28	8.31	8.42	
Drawdown (ft)	-0.60	-0.65	-0.40	-0.20	-0.13	-0.03	-0.11	
pH (S.U.)	7.40	7.35	7.37	7.36	7.36	7.37	7.36	
Sp. Cond. (mS/cm)	0.790	0.786	0.782	0.802	0.804	0.805	0.805	
Turbidity (NTUs)	15	9.43	7.76	6.55	6.12	5.55	5.11	
Dissolved Oxygen (mg/L)	3.55	1.53	1.62	1.26	1.14	1.01	0.97	
Water Temperature (°C)	15.05	14.95	14.70	14.44	14.45	14.48	14.55	
ORP (mV)	13.1	-14.2	-29.1	-50.1	-64.2	-79.5	-81.2	

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 12:20. Sampled at 13:00. Dup collected at this well.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/25/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-8R
Upgradient ____ Downgradient ____
Weather Conditions: cloudy with rain
Air Temperature: 42 ° F
Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 7.01 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 20.49 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 3.3 gal
3 Casing Volumes = 10.01961 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)	100	100	100	100	100	100		
Time (Military)	11:45	11:50	11:55	12:00	12:05	12:10		
Depth to Groundwater Below Top of Casing (ft)	7.60	8.80	9.50	10.40	10.91	11.22		
Drawdown (ft)	-0.59	-1.20	-0.70	-0.90	-0.51	-0.31		
pH (S.U.)	7.17	7.53	7.61	7.69	7.71	7.71		
Sp. Cond. (mS/cm)	1.740	2.033	2.042	2.051	2.052	2.052		
Turbidity (NTUs)	4.61	6.94	7.66	9.63	8.87	11.2		
Dissolved Oxygen (mg/L)	5.14	2.04	1.97	1.59	1.40	1.30		
Water Temperature (°C)	14.54	14.82	14.89	14.97	14.93	14.80		
ORP (mV)	-8.2	-184.7	-211.8	-250.9	-259.0	-55.7		

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

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

COMMENTS/OBSERVATIONS: Pump on at 11:40. Sampled at 12:15

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-10
Upgradient ____ Downgradient ____
Weather Conditions: cloudy
Air Temperature: 48 ° F
Total Depth (TWD) Below Top of Casing = 24 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.75 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 17.25 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.8 gal
3 Casing Volumes = 8.43525 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: 687.41 1/100 ft
Height of Riser (above land surface): -0.19 1/100 ft
Land Surface Elevation: 687.6 1/100 ft
Screened Interval (below land surface): 3.5-23.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200	200	
Time (Military)	13:30	13:35	13:40	13:45	13:50	13:55	14:00	
Depth to Groundwater Below Top of Casing (ft)	7.75	8.12	8.50	9.01	9.22	9.42	9.66	
Drawdown (ft)	-1.00	-0.37	-0.38	-0.51	-0.21	-0.20	-0.24	
pH (S.U.)	7.12	6.87	6.79	6.76	6.76	6.76	6.77	
Sp. Cond. (mS/cm)	1.321	1.377	1.384	1.397	1.397	1.398	1.399	
Turbidity (NTUs)	3.68	2.92	2.33	1.99	1.76	1.56	1.51	
Dissolved Oxygen (mg/L)	5.28	2.02	1.63	1.36	1.12	1.01	0.97	
Water Temperature (°C)	15.99	15.80	15.96	16.07	16.06	16.07	16.09	
ORP (mV)	-34.0	-11.1	-3.4	6.9	8.9	9.9	11.1	

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

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

COMMENTS/OBSERVATIONS: Pump started at 13:25. Sampled at 14:05

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-11
Upgradient ____ Downgradient ____
Weather Conditions: Sunny
Air Temperature: 48 ° F
Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 7.8 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 20.7 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 3.4 gal
3 Casing Volumes = 10.1223 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	

FIELD ANALYSES

Flow Rate (ml/min)	200	100	100	100	100	100		
Time (Military)	14:30	14:35	14:40	14:45	14:50	14:55		
Depth to Groundwater Below Top of Casing (ft)	7.90	7.87	7.84	7.91	7.92	7.94		
Drawdown (ft)	-0.10	0.03	0.03	-0.07	-0.01	-0.02		
pH (S.U.)	6.76	6.53	6.50	6.50	6.5	6.5		
Sp. Cond. (mS/cm)	3.577	3.892	3.907	3.902	3.899	3.897		
Turbidity (NTUs)	3.4	2.1	1.98	1.13	1.15	1.09		
Dissolved Oxygen (mg/L)	11.98	1.71	1.14	1.02	1.05	1.07		
Water Temperature (°C)	14.60	14.65	14.59	14.53	14.48	14.49		
ORP (mV)	51.3	41.9	36.0	33.6	32.4	31.8		

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

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

COMMENTS/OBSERVATIONS: Pump started at 14:25. Sampled at 15:00

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-12
Upgradient ____ Downgradient ____
Weather Conditions: Cloudy, light rain
Air Temperature: 50 ° F
Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 4.6 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 22.9 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 3.7 gal
3 Casing Volumes = 11.1981 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3.1 liter

Casing Diameter: 4 inches
Casing Material: PVC
Measuring Point Elevation: 686.15 1/100 ft
Height of Riser (above land surface): -0.35 1/100 ft
Land Surface Elevation: 686.5 1/100 ft
Screened Interval (below land surface): 7-27 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	100	100	100	100	100	200	
Time (Military)	11:40	11:45	11:50	11:55	12:00	12:05	12:10	
Depth to Groundwater Below Top of Casing (ft)	5.10	6.15	6.70	7.05	7.28	7.33	7.41	
Drawdown (ft)	-0.50	-1.05	-0.55	-0.35	-0.23	-0.05	-0.08	
pH (S.U.)	6.73	6.68	6.67	6.65	6.65	6.65	6.64	
Sp. Cond. (mS/cm)	1.241	1.244	1.245	1.247	1.251	1.251	1.252	
Turbidity (NTUs)	4.74	3.50	3.09	2.53	2.13	2.10	1.98	
Dissolved Oxygen (mg/L)	24.85	10.62	3.39	2.38	2.19	2.10	1.99	
Water Temperature (°C)	15.10	15.16	15.15	15.10	15.17	15.15	15.16	
ORP (mV)	178.6	88.2	67.4	40.0	29.0	21.0	18.3	

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

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

COMMENTS/OBSERVATIONS: Pump start at 11:35. Sampled at 12:15

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	10/25/2016	Casing Diameter	1 inches
Field Personnel	D. Zack	Casing Material	PVC
Site Name	**Former Scott Aviation Site - Lancaster, NY**	Measuring Point Elevation	686.6 1/100 ft
AECOM Job #	**60314190**	Height of Riser (above land surface)	-0.30 1/100 ft
Well ID #	MW-13S	Land Surface Elevation	686.9 1/100 ft
____ Upgradient ____ Downgradient		Screened Interval (below land surface)	8.5-16.5 1/100 ft
Weather Conditions	cloudy with light rain		
Air Temperature	45 ° F		
Total Depth (TWD) Below Top of Casing =	16.5 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing =	4.3 1/100 ft		
Length of Water Column (LWC) = TWD - DGW =	12.2 1/100 ft		
1 Casing Volume (OCV) = LWC x 0.163 =	2.0 gal		
3 Casing Volumes =	5.9658 gal		
Method of Well Evacuation	Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump/Poly Tubing		
Total Volume of Water Removed	3 liter		

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

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100			
Time (Military)	14:55	15:00	15:05	15:10	15:15			
Depth to Groundwater Below Top of Casing (ft)	5.75	6.6	8.7	9.2	9.9			
Drawdown (ft)	-1.45	-0.85	-2.10	-0.50	-0.70			
pH (S.U.)	7.67	7.55	7.4	7.4	7.41			
Sp. Cond. (mS/cm)	1.005	1.024	1.027	1.028	1.029			
Turbidity (NTUs)	182	127	320	530	421			
Dissolved Oxygen (mg/L)	2.82	1.37	0.79	0.70	0.61			
Water Temperature (°C)	14.39	14.27	13.99	13.92	13.91			
ORP (mV)	-69.6	-102.8	-144.3	-155	-163.2			

Physical appearance at start — Color: turbid; Odor: slight; Sheen/Free Product: no

Physical appearance at sampling — Color: turbid; Odor: slight; Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Pump on at 14:50. Sampled at 15:20.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/25/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-13D
___ Upgradient ___ Downgradient
Weather Conditions: cloudy
Air Temperature: 49 ° F
Total Depth (TWD) Below Top of Casing = 23.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 8.05 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 15.45 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.5 gal
3 Casing Volumes = 7.55505 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 686.73 1/100 ft
Height of Riser (above land surface): -0.17 1/100 ft
Land Surface Elevation: 686.9 1/100 ft
Screened Interval (below land surface): 19.5-23.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100				
Time (Military)	14:55	15:00	15:05	15:10				
Depth to Groundwater Below Top of Casing (ft)	9.1	9.6	10.3	11.2				
Drawdown (ft)	-1.05	-0.50	-0.70	-0.90				
pH (S.U.)	7.04	6.99	6.96	6.96				
Sp. Cond. (mS/cm)	1.771	1.787	1.777	1.776				
Turbidity (NTUs)	23.7	15.4	11.2	14.2				
Dissolved Oxygen (mg/L)	1.33	1.34	0.89	0.8				
Water Temperature (°C)	13.93	13.73	13.54	13.51				
ORP (mV)	-38.3	-48.2	-66.2	-67.7				

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

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

COMMENTS/OBSERVATIONS: Pump start at 14:50. Sampled at 15:10.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/26/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-16S
Upgradient ____ Downgradient ____
Weather Conditions: Cloudy
Air Temperature: 35 ° F
Total Depth (TWD) Below Top of Casing = 15.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 5.7 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 9.7 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.6 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

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

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

FIELD ANALYSES

Flow Rate (ml/min)	200	100	100	100				
Time (Military)	7:55	8:00	8:05	8:10				
Depth to Groundwater Below Top of Casing (ft)	7.8	9.2	9.6	9.7				
Drawdown (ft)	-2.1	-1.4	-0.4	-0.1				
pH (S.U.)	8.5	8.02	7.62	7.52				
Sp. Cond. (mS/cm)	2.286	2.316	2.301	2.304				
Turbidity (NTUs)	56.7	41.1	25.0	17.1				
Dissolved Oxygen (mg/L)	19.21	2.13	1.6	0.89				
Water Temperature (°C)	13.66	13.81	13.45	13.34				
ORP (mV)	-84.9	-151.8	-161	-155.4				

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

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

COMMENTS/OBSERVATIONS: Pump start at 07:50. Sampled at 08:15.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/26/2016
Field Personnel: D. Zack
Site Name: **Former Scott Aviation Site - Lancaster, NY**
AECOM Job #: **60314190**
Well ID #: MW-16D
Upgradient ____ Downgradient ____
Weather Conditions: cloudy
Air Temperature: 38 ° F
Total Depth (TWD) Below Top of Casing = 13.16 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.0 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 4.16 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 0.67808 gal
3 Casing Volumes = 2.03424 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 690.55 1/100 ft
Height of Riser (above land surface): 4.15 1/100 ft
Land Surface Elevation: 686.4 1/100 ft
Screened Interval (below land surface): 20-24 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)	100	100	100	100				
Time (Military)	8:30	8:35	8:40	8:45				
Depth to Groundwater Below Top of Casing (ft)	10.9	12.5	14.1	17.5				
Drawdown (ft)	-1.9	-1.6	-1.6	-3.4				
pH (S.U.)	7.21	7.21	7.35	7.4				
Sp. Cond. (mS/cm)	1.352	1.347	1.341	1.340				
Turbidity (NTUs)	41	35.6	25.1	21.1				
Dissolved Oxygen (mg/L)	9.17	6.97	4.25	2.97				
Water Temperature (°C)	12.03	12.12	12.2	12.01				
ORP (mV)	-68.8	-81.6	-97.1	-107.2				

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

COMMENTS/OBSERVATIONS: Pump start at 08:25. Sampled at 08:50.

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	683.00
7/5/2016	5.56	683.12
10/24/2016	7.40	681.28

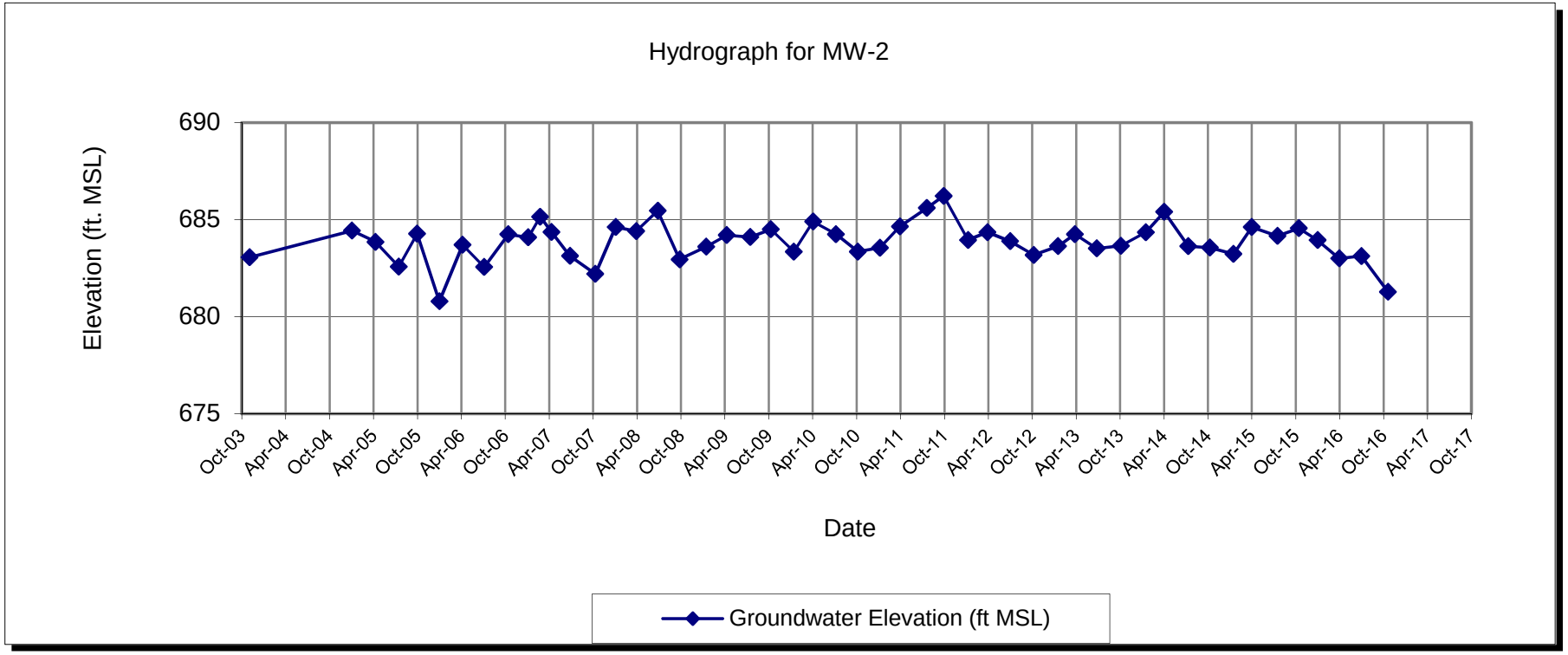
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 690.35
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.1

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
10/24/2016	7.40	679.65

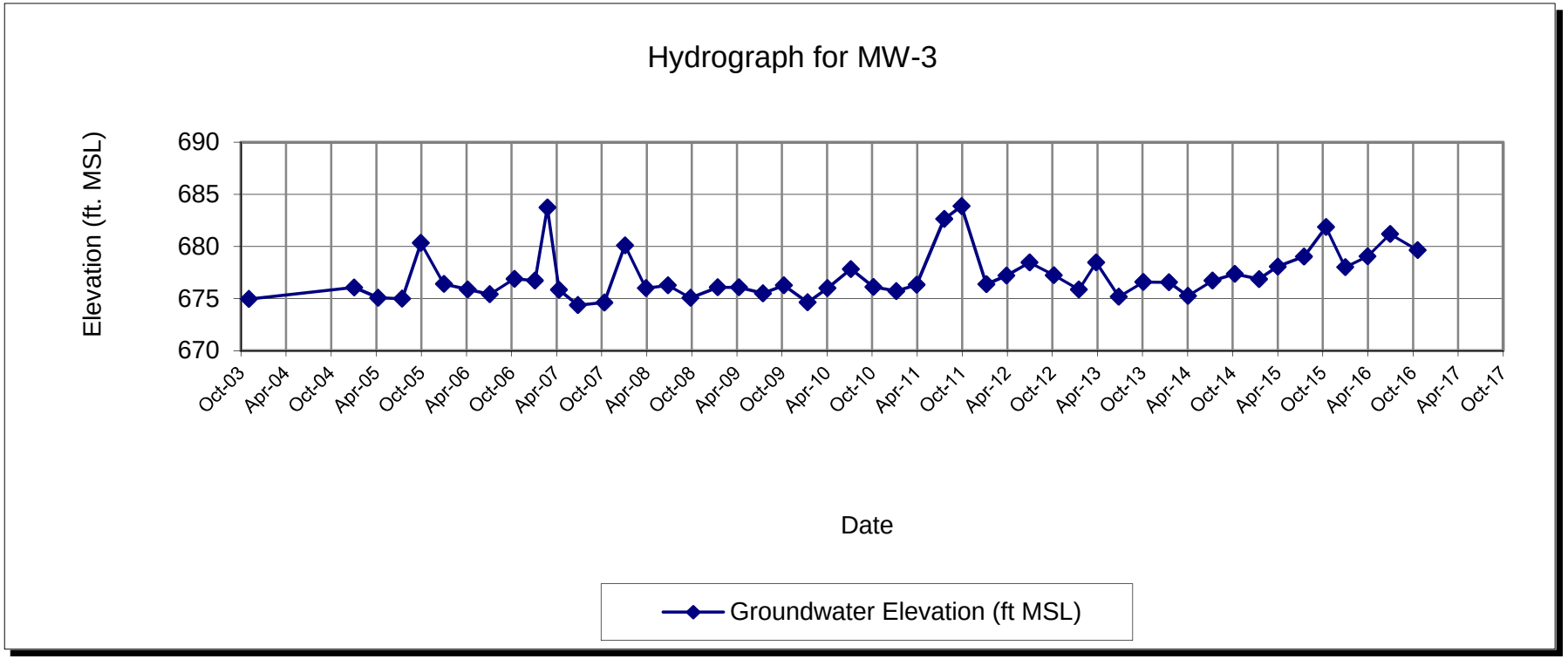
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.02

MONITORING WELL MW-3

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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
10/24/2016	7.20	679.30

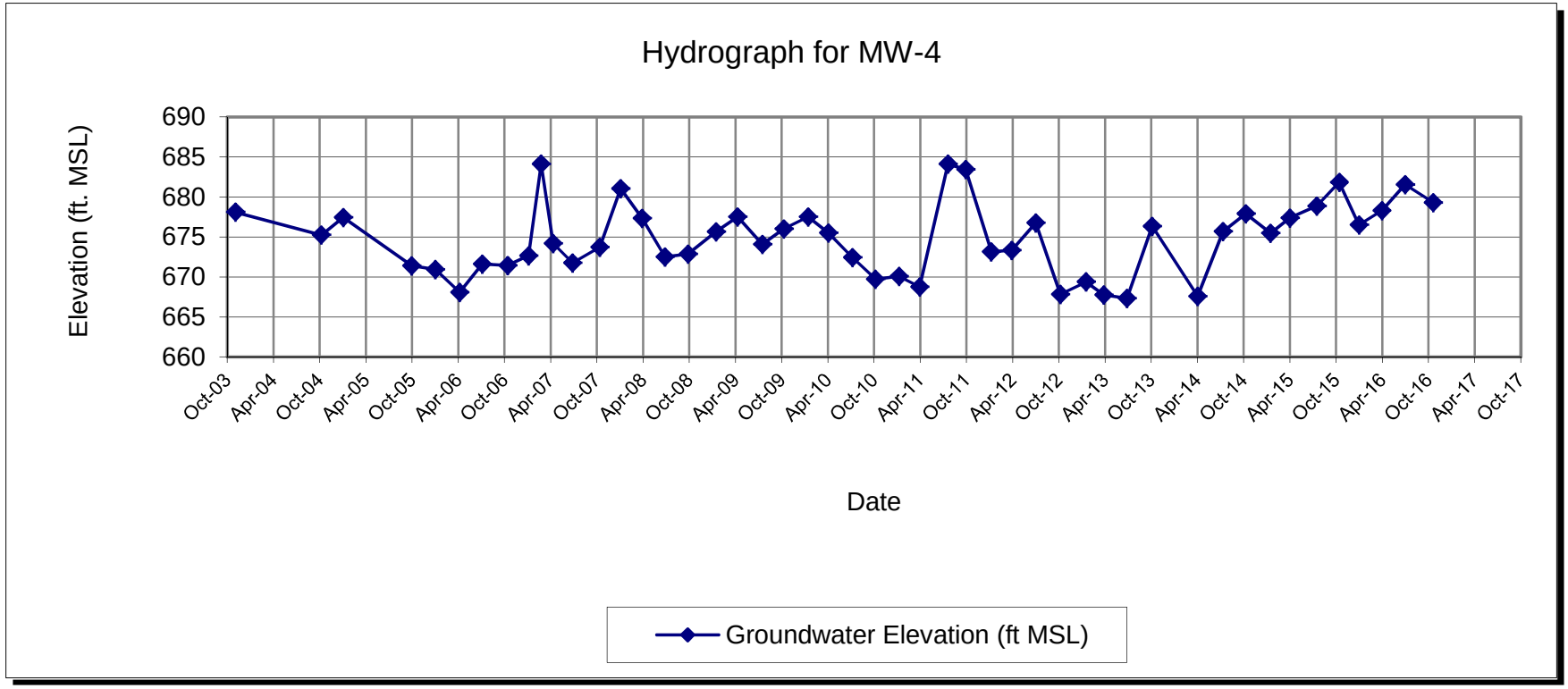
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.42
NM* - Well could not be accessed due to snow cover

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
10/24/2016	6.30	680.16

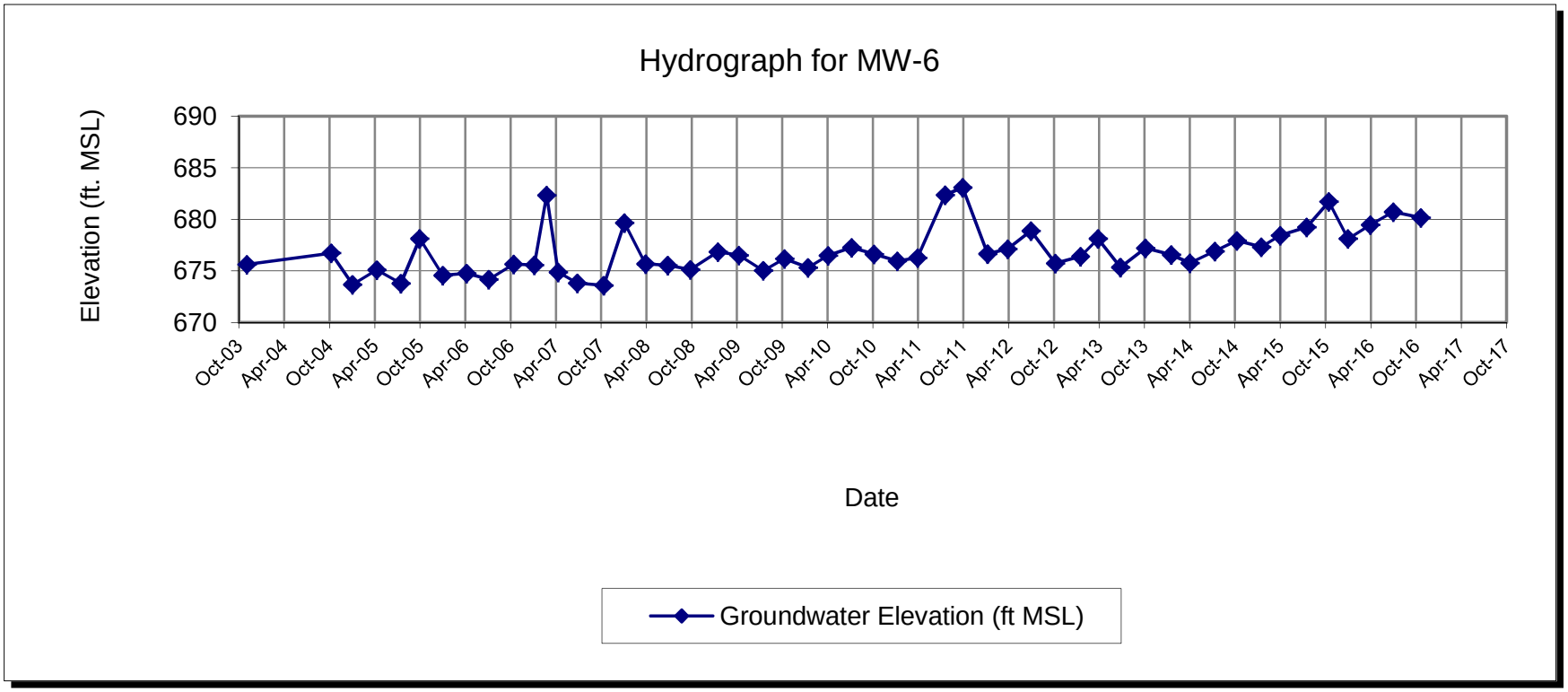
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.68
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.53

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
10/24/2016	7.01	679.28

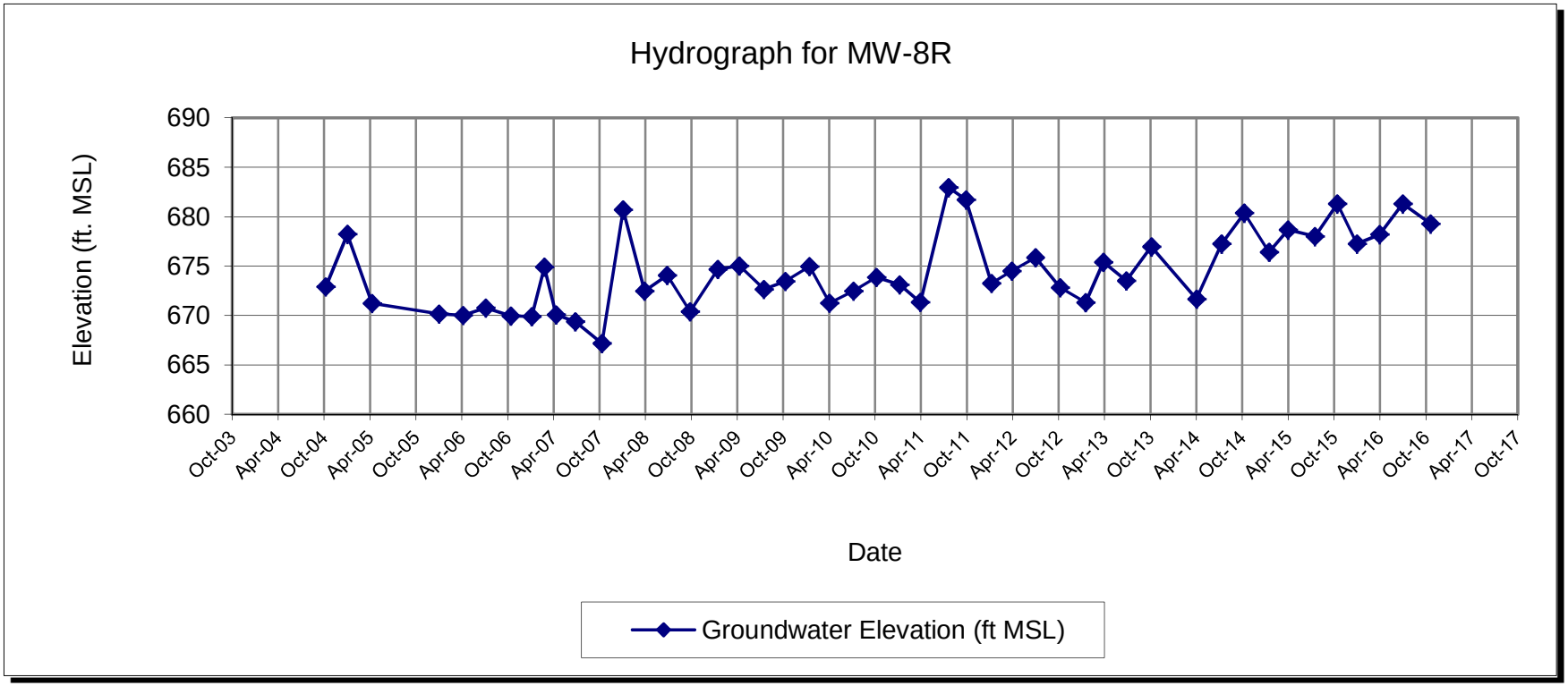
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.67
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.21
NM* - Well could not be accessed due to snow cover

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
10/24/2016	8.45	681.12

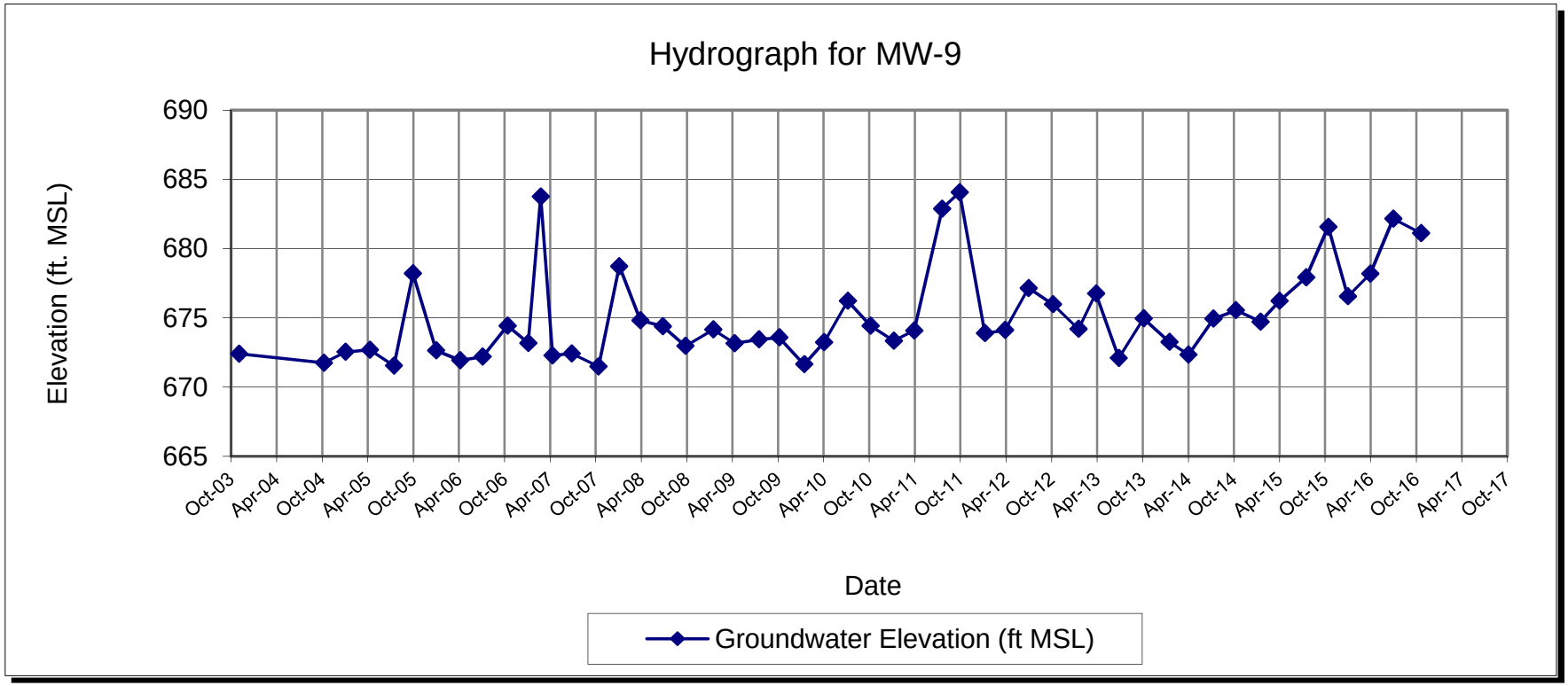
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 688.64

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
10/24/2016	6.75	680.95

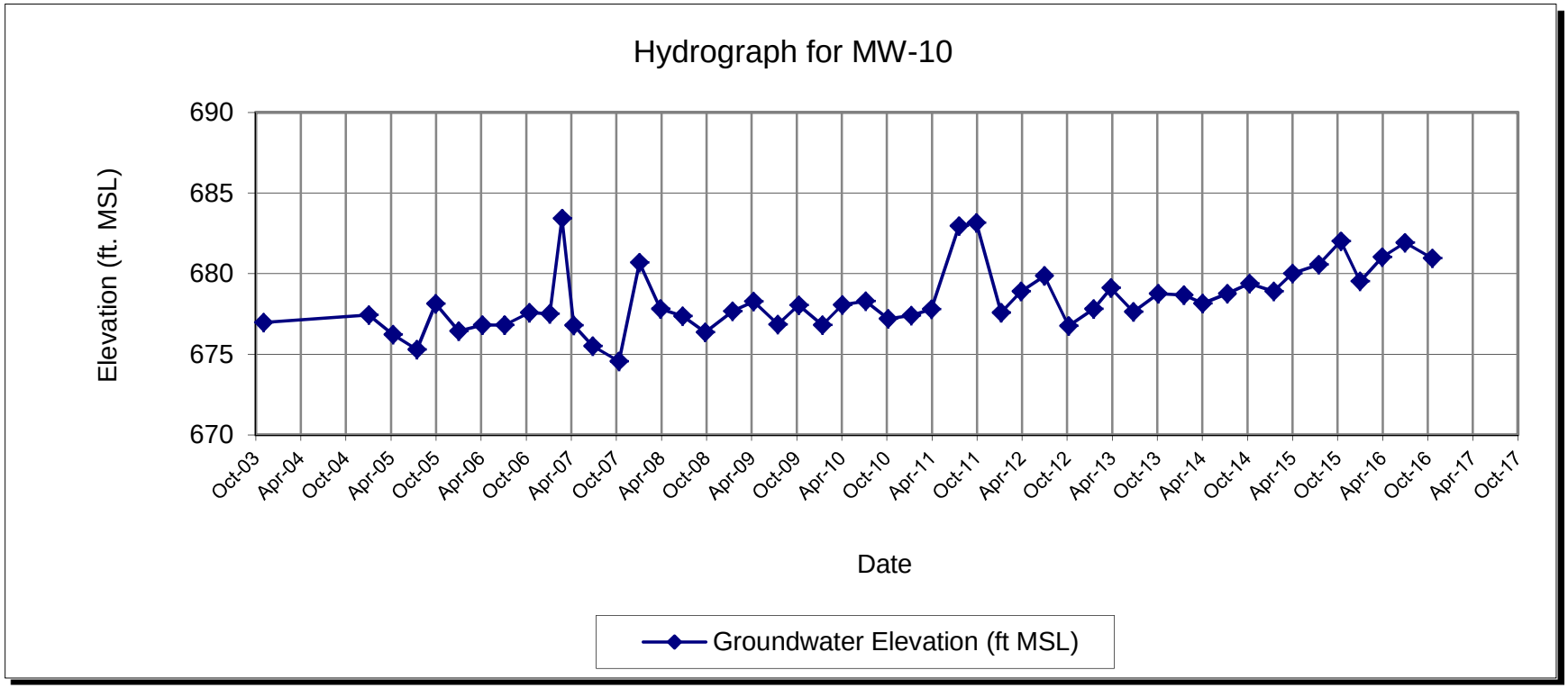
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.41

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
10/24/2016	7.80	680.81

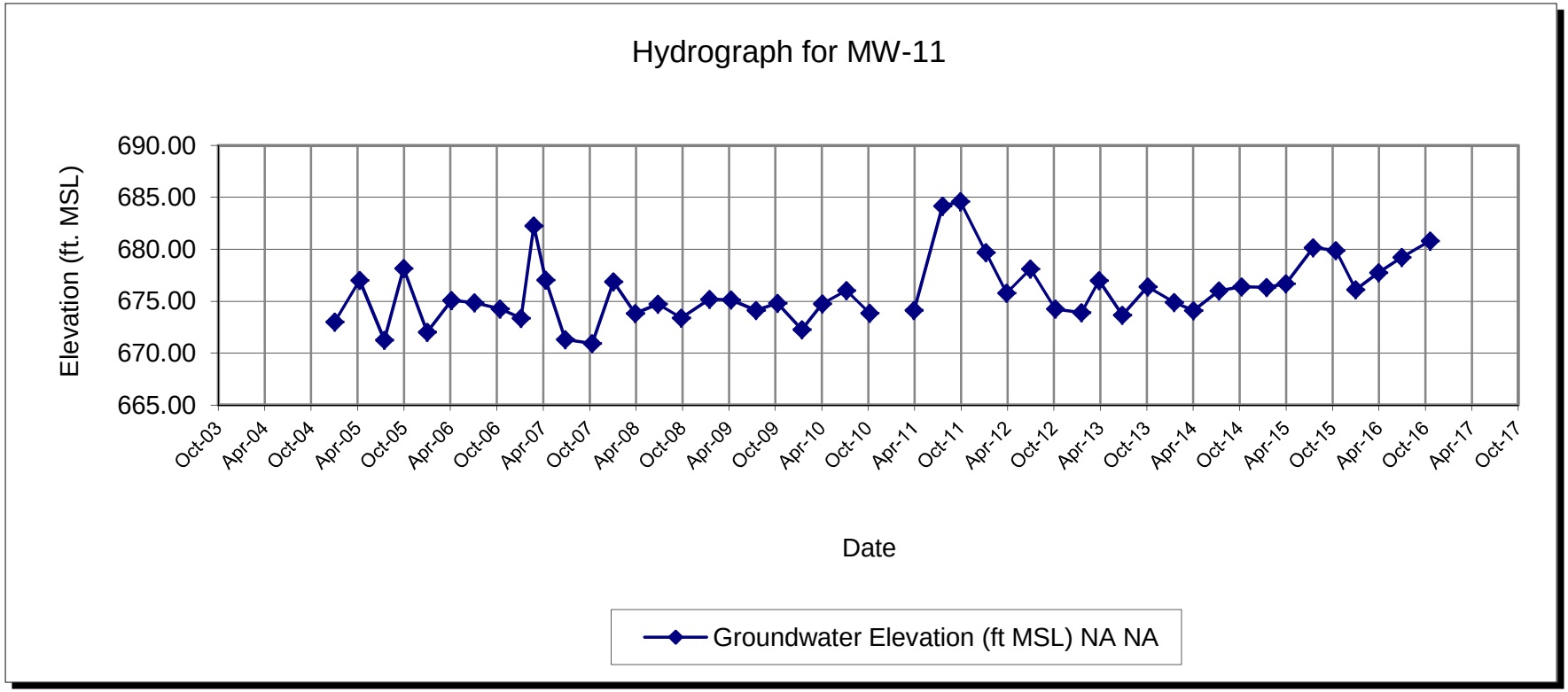
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 688.61
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 688.65

MONITORING WELL MW-11

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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
10/24/2016	4.60	681.59

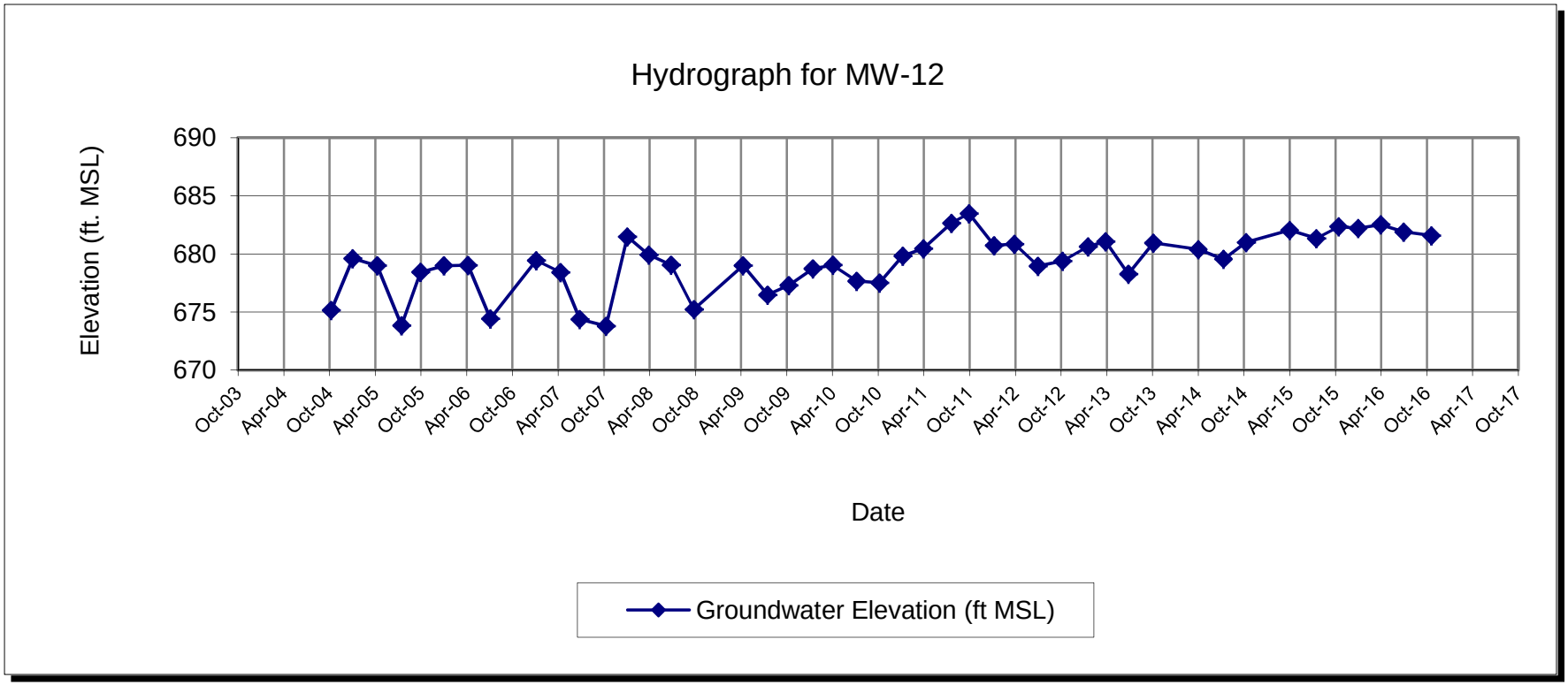
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.79
NM* - Well could not be accessed due to snow cover
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.15

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
10/24/2016	4.34	682.31

.

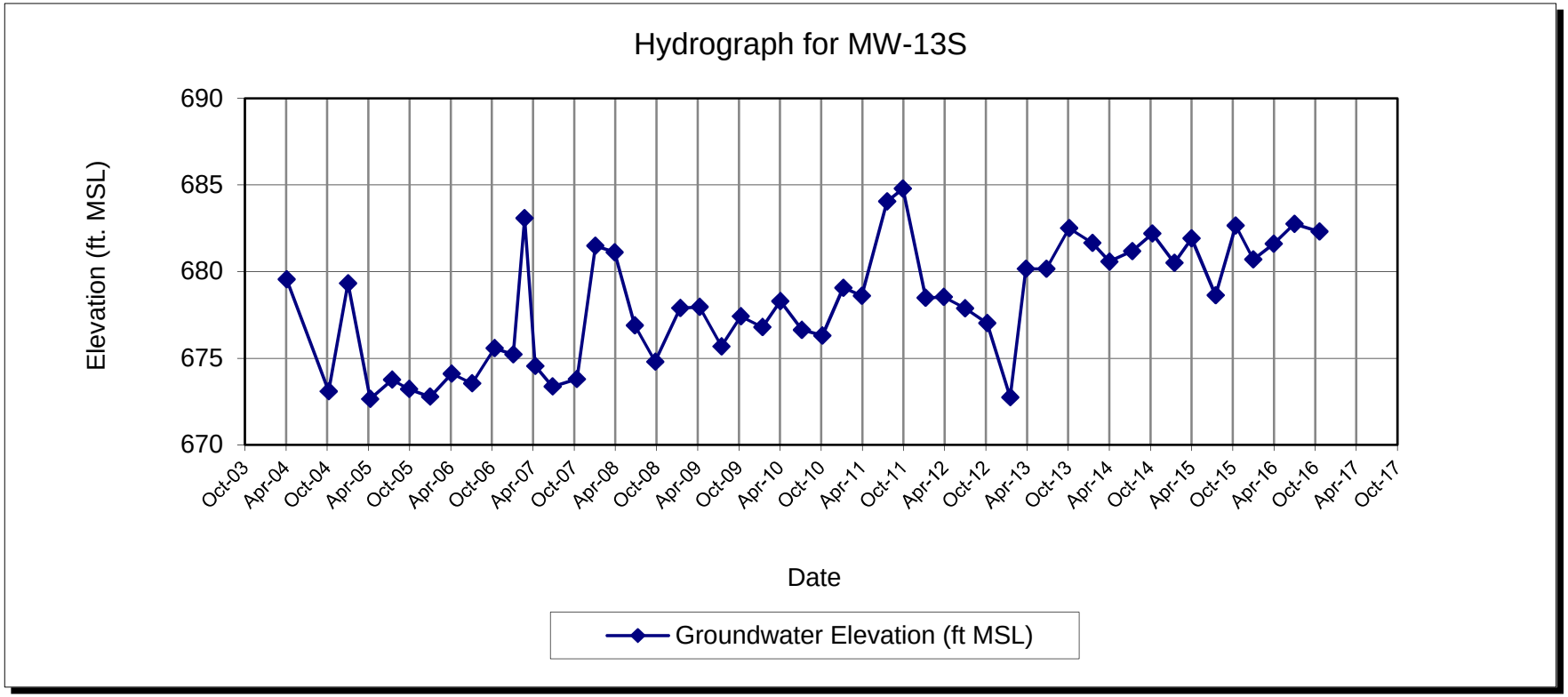
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.57
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.60

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
10/24/2016	8.05	678.73

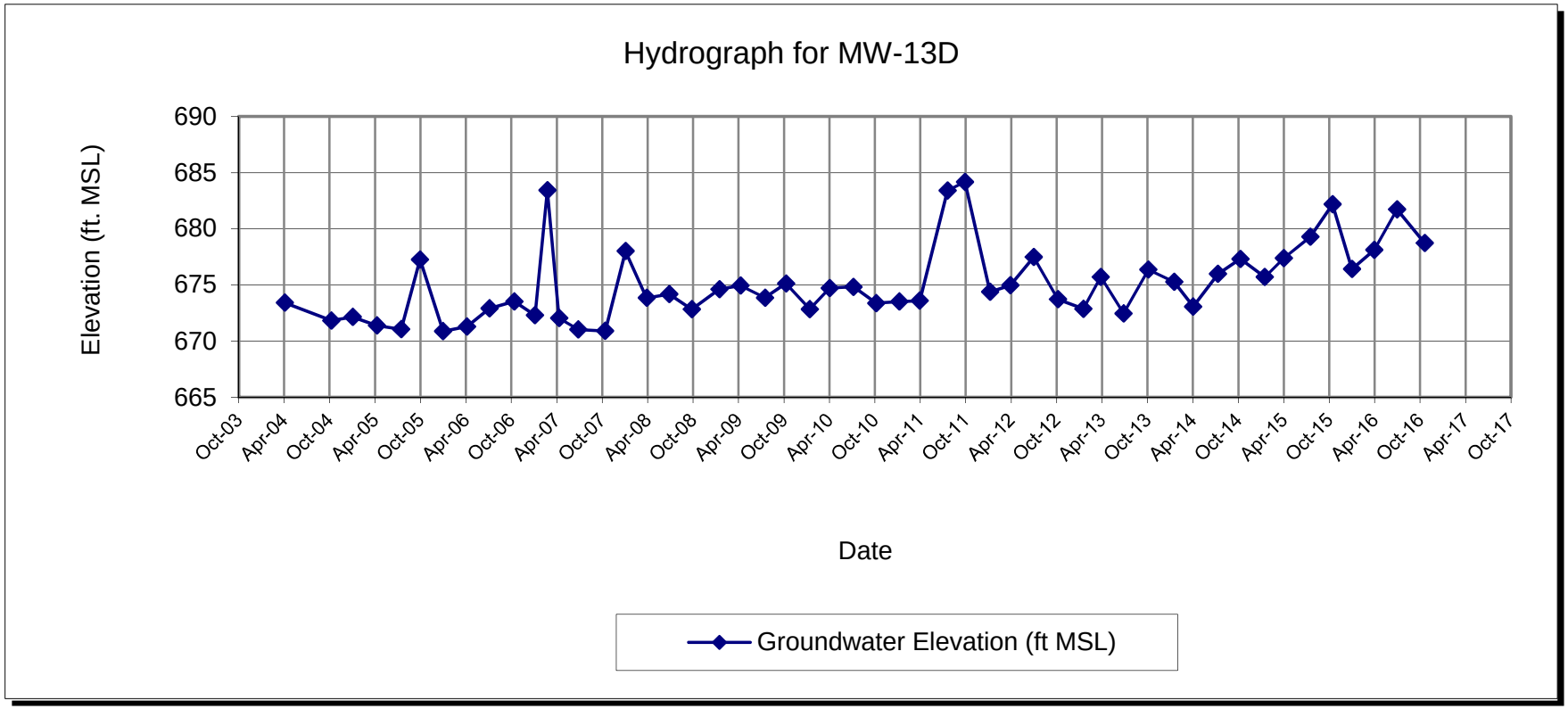
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.71
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.73

MONITORING WELL MW-13D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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
10/24/2016	4.05	681.69

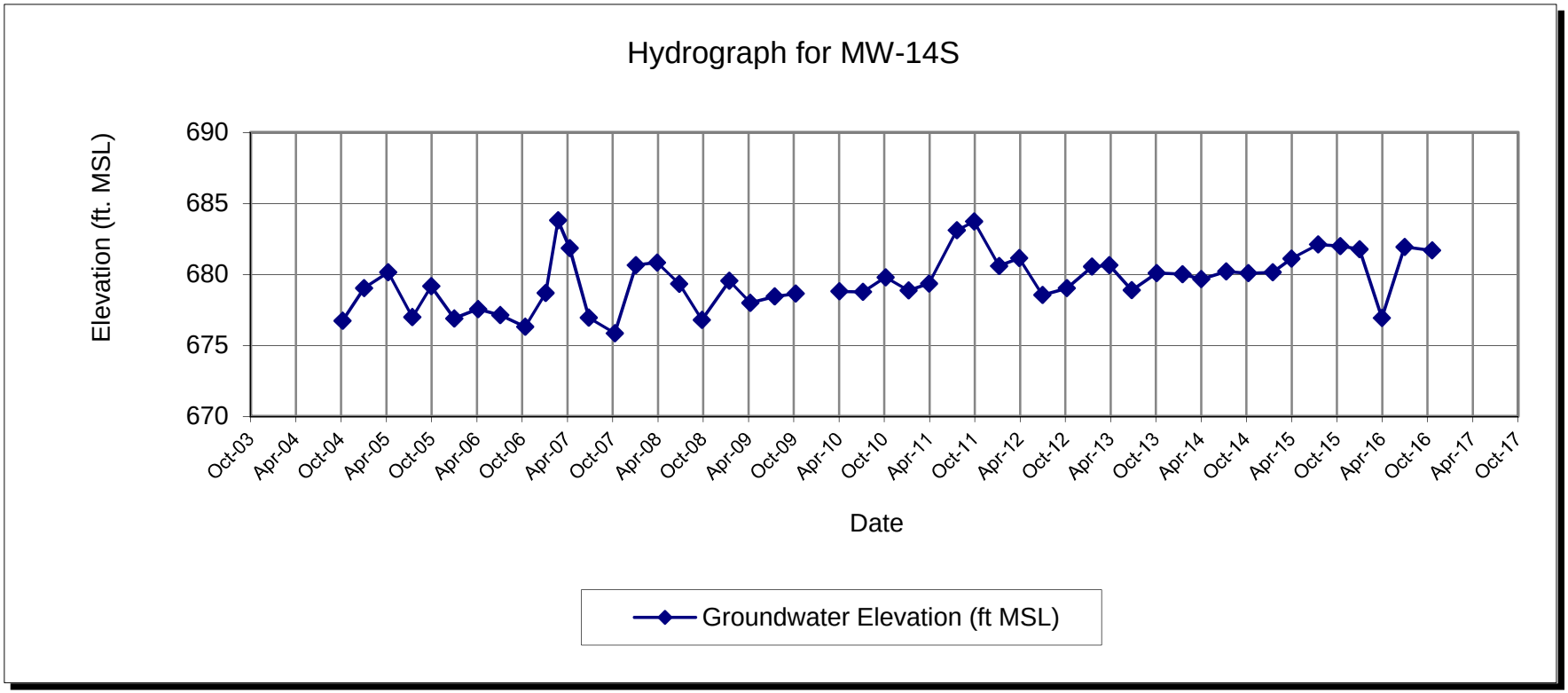
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.31
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 685.70

MONITORING WELL MW-14S

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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
10/24/2016	11.81	674.07

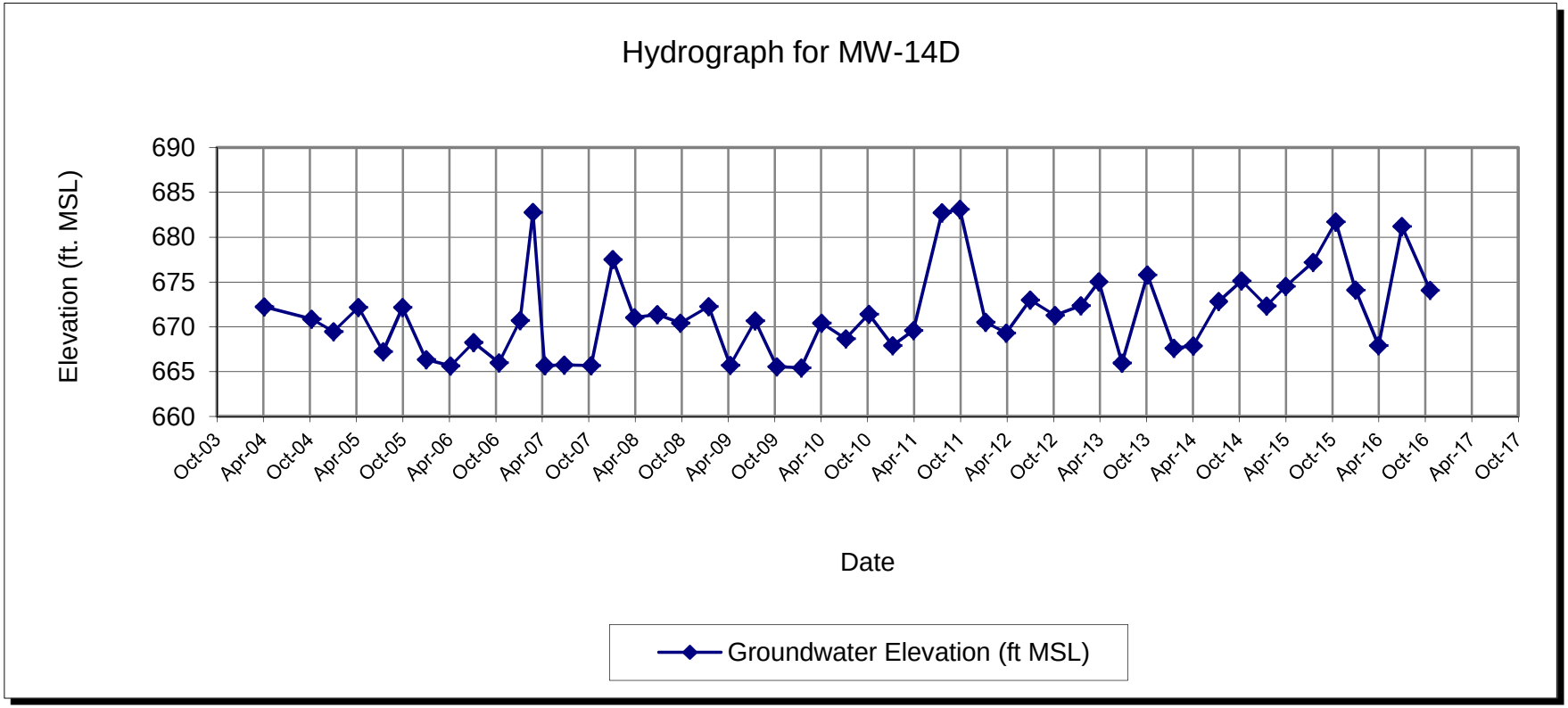
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 685.82'

MONITORING WELL MW-14D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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
10/24/2016	0.92	686.25

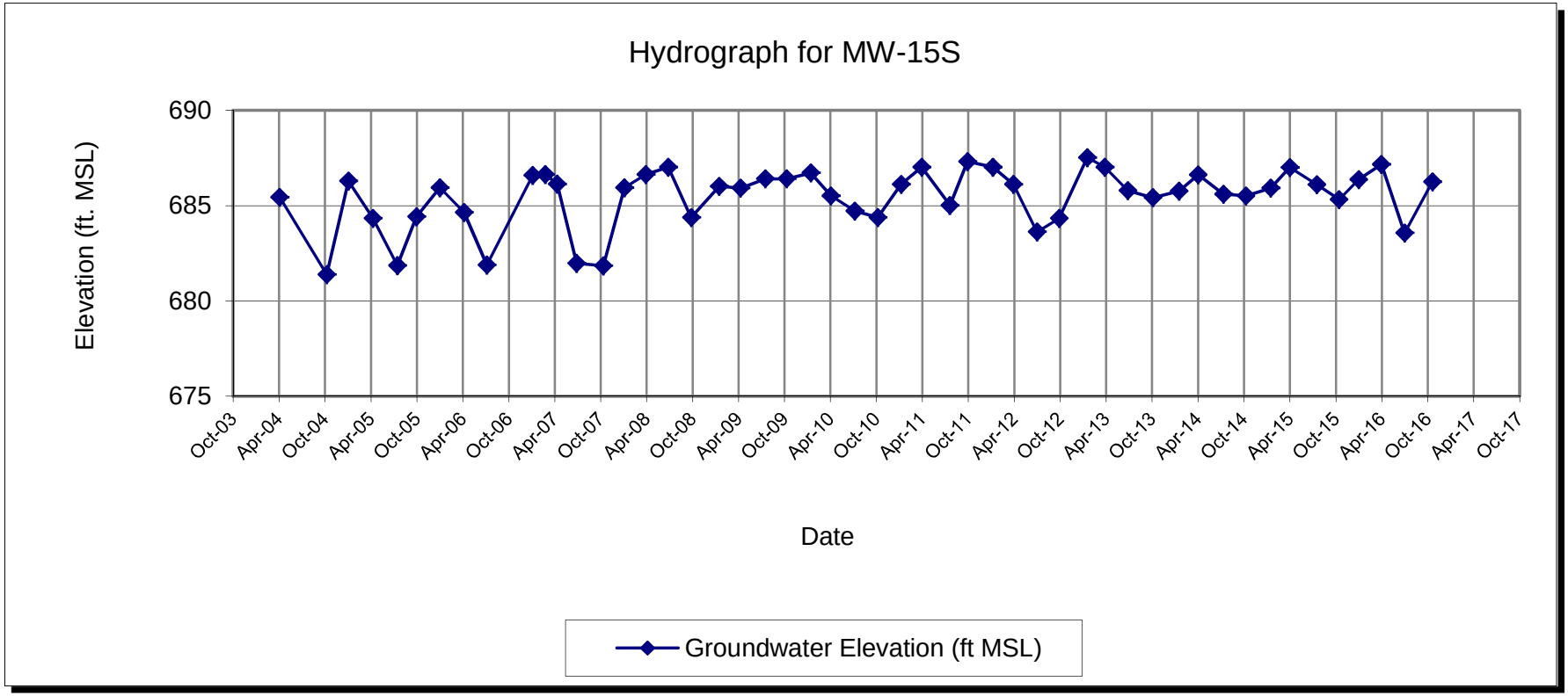
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
Measured from ground surface from 4/4/16 (687.87')
TOC Elevation as of 6/13/08 - 687.52'

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
10/24/2016	7.24	680.13

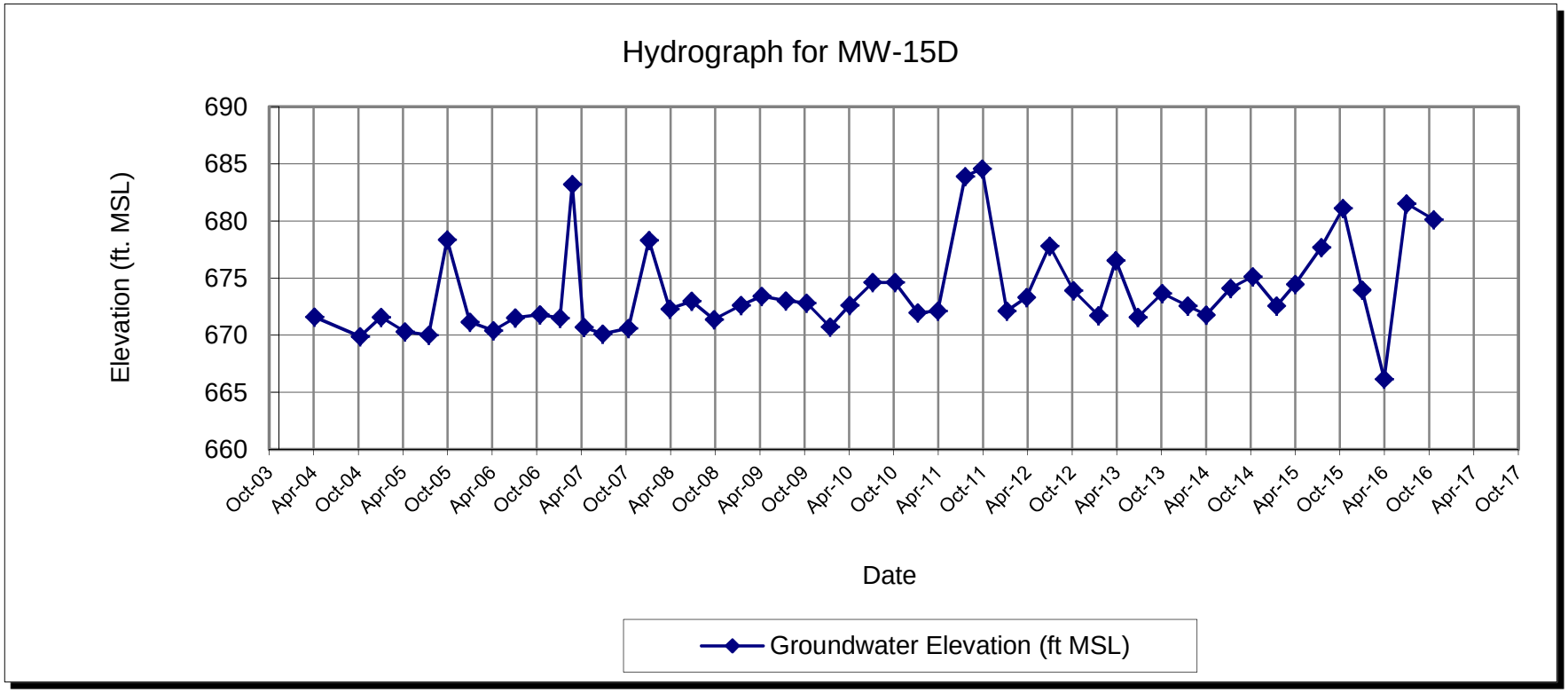
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.31'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.62'
Measured from ground surface from 4/4/16 (687.87')

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
10/24/2016	5.70	682.45

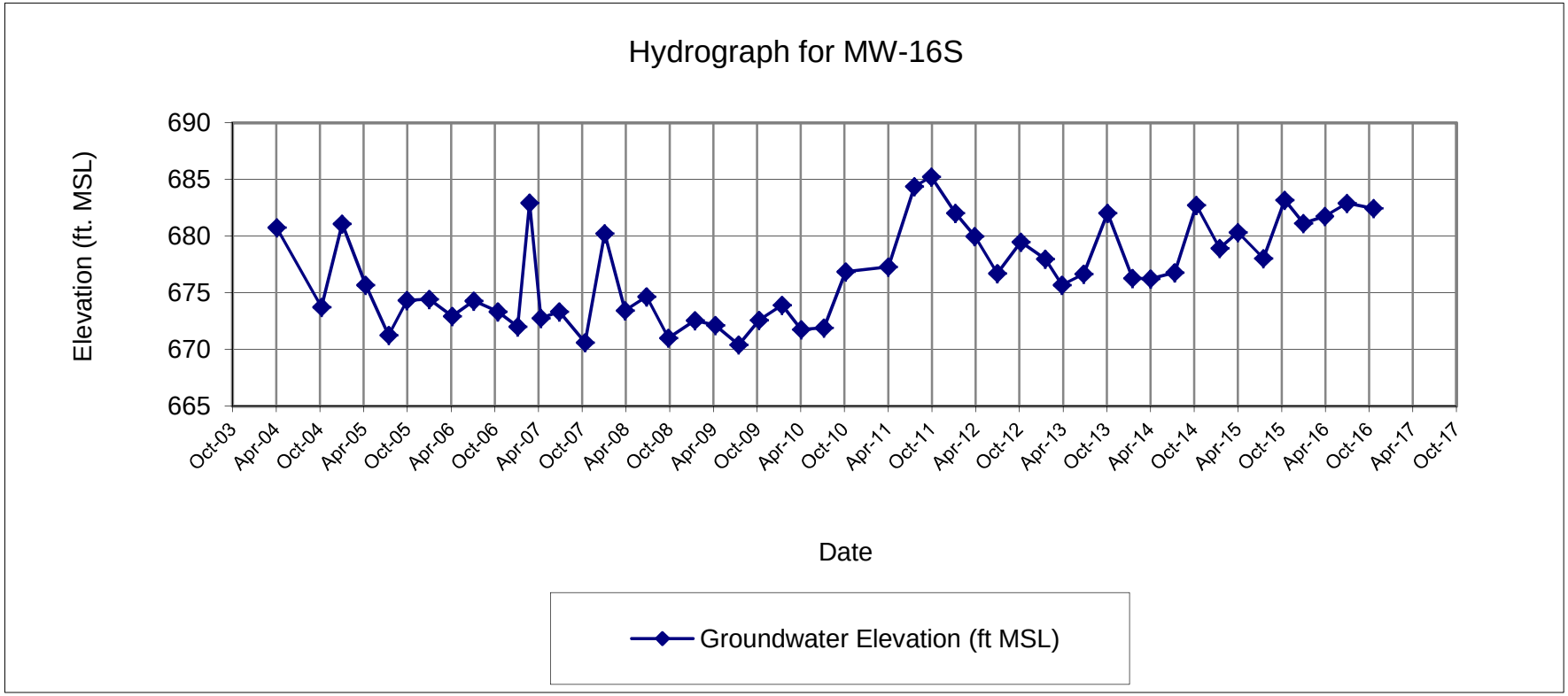
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.84'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 690.37'
TOC Elevation as of 4/7/2011 - 685.84'
TOC Elevation as of 6/2015 - 688.19'
TOC Elevation 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
10/24/2016	9.00	679.16

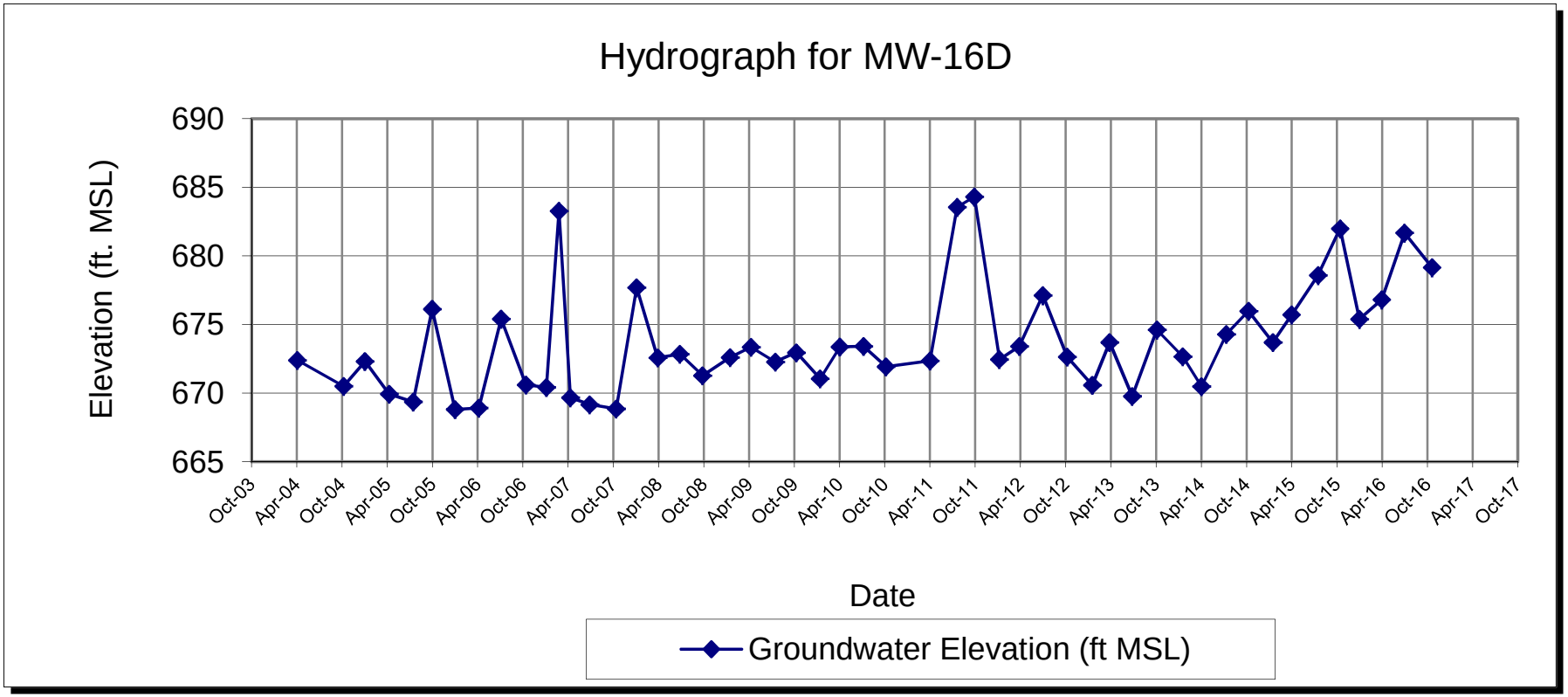
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.01'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 690.55'
TOC Elevation as of 4/7/2011 - 686.01'
TOC Elevation as of 6/2015 - 688.39'
TOC Elevation as of 2/23/16 - 688.16'

MONITORING WELL MW-16D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



AECOM

APPENDIX C

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-108459-1
TestAmerica Sample Delivery Group: 108459
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:
11/9/2016 4:35:46 PM

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

Table of Contents

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.
F1	MS and/or MSD Recovery is outside acceptance limits.
E	Result exceeded calibration range.
*	LCS or LCSD is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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)

Job ID: 480-108459-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-108459-1

Comments
No additional comments.

Receipt
The samples were received on 10/26/2016 12:25 PM and 10/27/2016 12:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.0º C and 3.5º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-108459-3), MW-16D (480-108459-11), MW-8R (480-108459-13), (480-108459-A-3 MS) and (480-108459-A-3 MSD). 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: MW-13S (480-108459-12). 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: MW-16S (480-108459-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The sample was collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, when verified by the laboratory, the pH was greater than 2 and the following samples were analyzed after 7 days from sampling: DPT-7 (480-108538-7).

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: DPT-3 (480-108538-4) and DPT-7 (480-108538-7). 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: DPT-8 (480-108538-1), DPT-5 (480-108538-6), (480-108538-A-1 MS) and (480-108538-A-1 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-330019 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes therefore, the data has been reported. The following samples are impacted: DPT-8 (480-108538-1), GWCT (480-108538-2), DPT-3 (480-108538-4), DPT-5 (480-108538-6), DPT-7 (480-108538-7) and Trip Blank (480-108538-8).

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: DPT-4 (480-108538-5). 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: DPT-1 (480-108538-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: Due to the co-elution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) associated with analytical batch 480-330068. The following samples were affected : DPT-8 (480-108538-1), DPT-1 (480-108538-3), DPT-4 (480-108538-5) and DPT-5 (480-108538-6).

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

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-2
Date Collected: 10/24/16 15:50
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-1
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			10/29/16 13:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/16 13:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/16 13:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/16 13:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/16 13:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/16 13:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/16 13:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/16 13:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/16 13:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/16 13:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/16 13:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/16 13:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/16 13:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/16 13:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/16 13:25	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/16 13:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/16 13:25	1
Acetone	**3.5**	**J**	10	3.0	ug/L			10/29/16 13:25	1
Benzene	ND		1.0	0.41	ug/L			10/29/16 13:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/16 13:25	1
Bromoform	ND		1.0	0.26	ug/L			10/29/16 13:25	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/16 13:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/16 13:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/16 13:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/16 13:25	1
Chloroethane	**1.2**		1.0	0.32	ug/L			10/29/16 13:25	1
Chloroform	ND		1.0	0.34	ug/L			10/29/16 13:25	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/16 13:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/16 13:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/16 13:25	1
Cyclohexane	**0.96**	**J**	1.0	0.18	ug/L			10/29/16 13:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/16 13:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/16 13:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/16 13:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/16 13:25	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/16 13:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/16 13:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/16 13:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/16 13:25	1
Styrene	ND		1.0	0.73	ug/L			10/29/16 13:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/16 13:25	1
Toluene	ND		1.0	0.51	ug/L			10/29/16 13:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/16 13:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/16 13:25	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/16 13:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/16 13:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/16 13:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/16 13:25	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-2
Date Collected: 10/24/16 15:50
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		10/29/16 13:25	1
4-Bromofluorobenzene (Surr)	96		73 - 120		10/29/16 13:25	1
Toluene-d8 (Surr)	95		80 - 120		10/29/16 13:25	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-3
Date Collected: 10/25/16 11:40
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-2
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			10/29/16 13:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/16 13:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/16 13:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/16 13:49	1
1,1-Dichloroethane	**1.6**		1.0	0.38	ug/L			10/29/16 13:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/16 13:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/16 13:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/16 13:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/16 13:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/16 13:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/16 13:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/16 13:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/16 13:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/16 13:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/16 13:49	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/16 13:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/16 13:49	1
Acetone	ND		10	3.0	ug/L			10/29/16 13:49	1
Benzene	ND		1.0	0.41	ug/L			10/29/16 13:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/16 13:49	1
Bromoform	ND		1.0	0.26	ug/L			10/29/16 13:49	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/16 13:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/16 13:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/16 13:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/16 13:49	1
Chloroethane	**2.2**		1.0	0.32	ug/L			10/29/16 13:49	1
Chloroform	ND		1.0	0.34	ug/L			10/29/16 13:49	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/16 13:49	1
cis-1,2-Dichloroethene	**0.81**	**J**	1.0	0.81	ug/L			10/29/16 13:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/16 13:49	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/16 13:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/16 13:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/16 13:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/16 13:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/16 13:49	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/16 13:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/16 13:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/16 13:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/16 13:49	1
Styrene	ND		1.0	0.73	ug/L			10/29/16 13:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/16 13:49	1
Toluene	ND		1.0	0.51	ug/L			10/29/16 13:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/16 13:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/16 13:49	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/16 13:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/16 13:49	1
Vinyl chloride	**14**		1.0	0.90	ug/L			10/29/16 13:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/16 13:49	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-3
Date Collected: 10/25/16 11:40
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/29/16 13:49	1
4-Bromofluorobenzene (Surr)	96		73 - 120		10/29/16 13:49	1
Toluene-d8 (Surr)	97		80 - 120		10/29/16 13:49	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-4
Date Collected: 10/25/16 13:50
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-3
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		20	16	ug/L			10/29/16 14:13	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			10/29/16 14:13	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			10/29/16 14:13	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			10/29/16 14:13	20
1,1-Dichloroethane	**78**		20	7.6	ug/L			10/29/16 14:13	20
1,1-Dichloroethene	ND		20	5.8	ug/L			10/29/16 14:13	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			10/29/16 14:13	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			10/29/16 14:13	20
1,2-Dibromoethane	ND		20	15	ug/L			10/29/16 14:13	20
1,2-Dichlorobenzene	ND		20	16	ug/L			10/29/16 14:13	20
1,2-Dichloroethane	ND		20	4.2	ug/L			10/29/16 14:13	20
1,2-Dichloropropane	ND		20	14	ug/L			10/29/16 14:13	20
1,3-Dichlorobenzene	ND		20	16	ug/L			10/29/16 14:13	20
1,4-Dichlorobenzene	ND		20	17	ug/L			10/29/16 14:13	20
2-Butanone (MEK)	**230**		200	26	ug/L			10/29/16 14:13	20
2-Hexanone	ND		100	25	ug/L			10/29/16 14:13	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			10/29/16 14:13	20
Acetone	**86**	**J**	200	60	ug/L			10/29/16 14:13	20
Benzene	ND		20	8.2	ug/L			10/29/16 14:13	20
Bromodichloromethane	ND		20	7.8	ug/L			10/29/16 14:13	20
Bromoform	ND		20	5.2	ug/L			10/29/16 14:13	20
Bromomethane	ND		20	14	ug/L			10/29/16 14:13	20
Carbon disulfide	ND		20	3.8	ug/L			10/29/16 14:13	20
Carbon tetrachloride	ND		20	5.4	ug/L			10/29/16 14:13	20
Chlorobenzene	ND		20	15	ug/L			10/29/16 14:13	20
Chloroethane	**830**	**F1**	20	6.4	ug/L			10/29/16 14:13	20
Chloroform	ND		20	6.8	ug/L			10/29/16 14:13	20
Chloromethane	ND		20	7.0	ug/L			10/29/16 14:13	20
cis-1,2-Dichloroethene	**38**		20	16	ug/L			10/29/16 14:13	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			10/29/16 14:13	20
Cyclohexane	ND		20	3.6	ug/L			10/29/16 14:13	20
Dibromochloromethane	ND		20	6.4	ug/L			10/29/16 14:13	20
Dichlorodifluoromethane	ND		20	14	ug/L			10/29/16 14:13	20
Ethylbenzene	ND		20	15	ug/L			10/29/16 14:13	20
Isopropylbenzene	ND		20	16	ug/L			10/29/16 14:13	20
Methyl acetate	ND		50	26	ug/L			10/29/16 14:13	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			10/29/16 14:13	20
Methylcyclohexane	ND		20	3.2	ug/L			10/29/16 14:13	20
Methylene Chloride	ND		20	8.8	ug/L			10/29/16 14:13	20
Styrene	ND		20	15	ug/L			10/29/16 14:13	20
Tetrachloroethene	ND		20	7.2	ug/L			10/29/16 14:13	20
Toluene	**12**	**J**	20	10	ug/L			10/29/16 14:13	20
trans-1,2-Dichloroethene	**29**		20	18	ug/L			10/29/16 14:13	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			10/29/16 14:13	20
Trichloroethene	ND		20	9.2	ug/L			10/29/16 14:13	20
Trichlorofluoromethane	ND		20	18	ug/L			10/29/16 14:13	20
Vinyl chloride	**150**		20	18	ug/L			10/29/16 14:13	20
Xylenes, Total	ND		40	13	ug/L			10/29/16 14:13	20

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-4
Date Collected: 10/25/16 13:50
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		10/29/16 14:13	20
4-Bromofluorobenzene (Surr)	94		73 - 120		10/29/16 14:13	20
Toluene-d8 (Surr)	97		80 - 120		10/29/16 14:13	20

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-6
Date Collected: 10/24/16 13:00
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-4
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			10/29/16 14:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/16 14:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/16 14:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/16 14:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/16 14:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/16 14:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/16 14:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/16 14:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/16 14:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/16 14:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/16 14:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/16 14:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/16 14:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/16 14:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/16 14:36	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/16 14:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/16 14:36	1
Acetone	ND		10	3.0	ug/L			10/29/16 14:36	1
Benzene	ND		1.0	0.41	ug/L			10/29/16 14:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/16 14:36	1
Bromoform	ND		1.0	0.26	ug/L			10/29/16 14:36	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/16 14:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/16 14:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/16 14:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/16 14:36	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/16 14:36	1
Chloroform	ND		1.0	0.34	ug/L			10/29/16 14:36	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/16 14:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/16 14:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/16 14:36	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/16 14:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/16 14:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/16 14:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/16 14:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/16 14:36	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/16 14:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/16 14:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/16 14:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/16 14:36	1
Styrene	ND		1.0	0.73	ug/L			10/29/16 14:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/16 14:36	1
Toluene	ND		1.0	0.51	ug/L			10/29/16 14:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/16 14:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/16 14:36	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/16 14:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/16 14:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/16 14:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/16 14:36	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-6
Date Collected: 10/24/16 13:00
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/29/16 14:36	1
4-Bromofluorobenzene (Surr)	94		73 - 120		10/29/16 14:36	1
Toluene-d8 (Surr)	95		80 - 120		10/29/16 14:36	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-10
Date Collected: 10/24/16 14:05
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-5
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			10/29/16 15:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/16 15:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/16 15:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/16 15:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/16 15:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/16 15:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/16 15:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/16 15:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/16 15:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/16 15:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/16 15:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/16 15:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/16 15:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/16 15:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/16 15:00	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/16 15:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/16 15:00	1
Acetone	ND		10	3.0	ug/L			10/29/16 15:00	1
Benzene	ND		1.0	0.41	ug/L			10/29/16 15:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/16 15:00	1
Bromoform	ND		1.0	0.26	ug/L			10/29/16 15:00	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/16 15:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/16 15:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/16 15:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/16 15:00	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/16 15:00	1
Chloroform	ND		1.0	0.34	ug/L			10/29/16 15:00	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/16 15:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/16 15:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/16 15:00	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/16 15:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/16 15:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/16 15:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/16 15:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/16 15:00	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/16 15:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/16 15:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/16 15:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/16 15:00	1
Styrene	ND		1.0	0.73	ug/L			10/29/16 15:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/16 15:00	1
Toluene	ND		1.0	0.51	ug/L			10/29/16 15:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/16 15:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/16 15:00	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/16 15:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/16 15:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/16 15:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/16 15:00	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-10
Date Collected: 10/24/16 14:05
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		10/29/16 15:00	1
4-Bromofluorobenzene (Surr)	95		73 - 120		10/29/16 15:00	1
Toluene-d8 (Surr)	96		80 - 120		10/29/16 15:00	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-11
Date Collected: 10/24/16 15:00
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-6
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			10/29/16 15:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/16 15:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/16 15:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/16 15:24	1
1,1-Dichloroethane	**1.5**		1.0	0.38	ug/L			10/29/16 15:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/16 15:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/16 15:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/16 15:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/16 15:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/16 15:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/16 15:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/16 15:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/16 15:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/16 15:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/16 15:24	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/16 15:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/16 15:24	1
Acetone	ND		10	3.0	ug/L			10/29/16 15:24	1
Benzene	ND		1.0	0.41	ug/L			10/29/16 15:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/16 15:24	1
Bromoform	ND		1.0	0.26	ug/L			10/29/16 15:24	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/16 15:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/16 15:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/16 15:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/16 15:24	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/16 15:24	1
Chloroform	ND		1.0	0.34	ug/L			10/29/16 15:24	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/16 15:24	1
cis-1,2-Dichloroethene	**5.3**		1.0	0.81	ug/L			10/29/16 15:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/16 15:24	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/16 15:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/16 15:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/16 15:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/16 15:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/16 15:24	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/16 15:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/16 15:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/16 15:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/16 15:24	1
Styrene	ND		1.0	0.73	ug/L			10/29/16 15:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/16 15:24	1
Toluene	ND		1.0	0.51	ug/L			10/29/16 15:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/16 15:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/16 15:24	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/16 15:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/16 15:24	1
Vinyl chloride	**2.3**		1.0	0.90	ug/L			10/29/16 15:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/16 15:24	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-11
Date Collected: 10/24/16 15:00
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/29/16 15:24	1
4-Bromofluorobenzene (Surr)	93		73 - 120		10/29/16 15:24	1
Toluene-d8 (Surr)	98		80 - 120		10/29/16 15:24	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-12
Date Collected: 10/24/16 12:15
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-7
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			10/29/16 15:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/16 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/16 15:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/16 15:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/16 15:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/16 15:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/16 15:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/16 15:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/16 15:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/16 15:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/16 15:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/16 15:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/16 15:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/16 15:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/16 15:48	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/16 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/16 15:48	1
Acetone	**3.2**	**J**	10	3.0	ug/L			10/29/16 15:48	1
Benzene	**1.1**		1.0	0.41	ug/L			10/29/16 15:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/16 15:48	1
Bromoform	ND		1.0	0.26	ug/L			10/29/16 15:48	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/16 15:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/16 15:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/16 15:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/16 15:48	1
Chloroethane	**7.9**		1.0	0.32	ug/L			10/29/16 15:48	1
Chloroform	ND		1.0	0.34	ug/L			10/29/16 15:48	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/16 15:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/16 15:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/16 15:48	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/16 15:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/16 15:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/16 15:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/16 15:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/16 15:48	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/16 15:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/16 15:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/16 15:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/16 15:48	1
Styrene	ND		1.0	0.73	ug/L			10/29/16 15:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/16 15:48	1
Toluene	ND		1.0	0.51	ug/L			10/29/16 15:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/16 15:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/16 15:48	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/16 15:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/16 15:48	1
Vinyl chloride	**7.7**		1.0	0.90	ug/L			10/29/16 15:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/16 15:48	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-12
Date Collected: 10/24/16 12:15
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/29/16 15:48	1
4-Bromofluorobenzene (Surr)	94		73 - 120		10/29/16 15:48	1
Toluene-d8 (Surr)	95		80 - 120		10/29/16 15:48	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-16S
Date Collected: 10/26/16 08:15
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-8
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		500	410	ug/L			10/30/16 03:31	500
1,1,2,2-Tetrachloroethane	ND		500	110	ug/L			10/30/16 03:31	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	160	ug/L			10/30/16 03:31	500
1,1,2-Trichloroethane	ND		500	120	ug/L			10/30/16 03:31	500
1,1-Dichloroethane	**670**		500	190	ug/L			10/30/16 03:31	500
1,1-Dichloroethene	ND		500	150	ug/L			10/30/16 03:31	500
1,2,4-Trichlorobenzene	ND		500	210	ug/L			10/30/16 03:31	500
1,2-Dibromo-3-Chloropropane	ND		500	200	ug/L			10/30/16 03:31	500
1,2-Dibromoethane	ND		500	370	ug/L			10/30/16 03:31	500
1,2-Dichlorobenzene	ND		500	400	ug/L			10/30/16 03:31	500
1,2-Dichloroethane	ND		500	110	ug/L			10/30/16 03:31	500
1,2-Dichloropropane	ND		500	360	ug/L			10/30/16 03:31	500
1,3-Dichlorobenzene	ND		500	390	ug/L			10/30/16 03:31	500
1,4-Dichlorobenzene	ND		500	420	ug/L			10/30/16 03:31	500
2-Butanone (MEK)	ND		5000	660	ug/L			10/30/16 03:31	500
2-Hexanone	ND		2500	620	ug/L			10/30/16 03:31	500
4-Methyl-2-pentanone (MIBK)	ND		2500	1100	ug/L			10/30/16 03:31	500
Acetone	ND		5000	1500	ug/L			10/30/16 03:31	500
Benzene	ND		500	210	ug/L			10/30/16 03:31	500
Bromodichloromethane	ND		500	200	ug/L			10/30/16 03:31	500
Bromoform	ND		500	130	ug/L			10/30/16 03:31	500
Bromomethane	ND		500	350	ug/L			10/30/16 03:31	500
Carbon disulfide	ND		500	95	ug/L			10/30/16 03:31	500
Carbon tetrachloride	ND		500	140	ug/L			10/30/16 03:31	500
Chlorobenzene	ND		500	380	ug/L			10/30/16 03:31	500
Chloroethane	**1600**		500	160	ug/L			10/30/16 03:31	500
Chloroform	ND		500	170	ug/L			10/30/16 03:31	500
Chloromethane	ND		500	180	ug/L			10/30/16 03:31	500
cis-1,2-Dichloroethene	**420**	**J**	500	410	ug/L			10/30/16 03:31	500
cis-1,3-Dichloropropene	ND		500	180	ug/L			10/30/16 03:31	500
Cyclohexane	ND		500	90	ug/L			10/30/16 03:31	500
Dibromochloromethane	ND		500	160	ug/L			10/30/16 03:31	500
Dichlorodifluoromethane	ND		500	340	ug/L			10/30/16 03:31	500
Ethylbenzene	ND		500	370	ug/L			10/30/16 03:31	500
Isopropylbenzene	ND		500	400	ug/L			10/30/16 03:31	500
Methyl acetate	ND		1300	650	ug/L			10/30/16 03:31	500
Methyl tert-butyl ether	ND		500	80	ug/L			10/30/16 03:31	500
Methylcyclohexane	ND		500	80	ug/L			10/30/16 03:31	500
Methylene Chloride	ND		500	220	ug/L			10/30/16 03:31	500
Styrene	ND		500	370	ug/L			10/30/16 03:31	500
Tetrachloroethene	ND		500	180	ug/L			10/30/16 03:31	500
Toluene	**370**	**J**	500	260	ug/L			10/30/16 03:31	500
trans-1,2-Dichloroethene	ND		500	450	ug/L			10/30/16 03:31	500
trans-1,3-Dichloropropene	ND		500	190	ug/L			10/30/16 03:31	500
Trichloroethene	ND		500	230	ug/L			10/30/16 03:31	500
Trichlorofluoromethane	ND		500	440	ug/L			10/30/16 03:31	500
Vinyl chloride	**35000**		500	450	ug/L			10/30/16 03:31	500
Xylenes, Total	ND		1000	330	ug/L			10/30/16 03:31	500

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-16S
Date Collected: 10/26/16 08:15
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/30/16 03:31	500
4-Bromofluorobenzene (Surr)	96		73 - 120		10/30/16 03:31	500
Toluene-d8 (Surr)	98		80 - 120		10/30/16 03:31	500

Client Sample ID: Duplicate

Date Collected: 10/24/16 09:00
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-9

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		1.0	0.82	ug/L			10/30/16 03:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/30/16 03:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/30/16 03:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/30/16 03:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/30/16 03:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/30/16 03:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/30/16 03:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/30/16 03:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/30/16 03:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/30/16 03:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/30/16 03:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/30/16 03:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/30/16 03:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/30/16 03:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/30/16 03:55	1
2-Hexanone	ND		5.0	1.2	ug/L			10/30/16 03:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/30/16 03:55	1
Acetone	ND		10	3.0	ug/L			10/30/16 03:55	1
Benzene	ND		1.0	0.41	ug/L			10/30/16 03:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/30/16 03:55	1
Bromoform	ND		1.0	0.26	ug/L			10/30/16 03:55	1
Bromomethane	ND		1.0	0.69	ug/L			10/30/16 03:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/30/16 03:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/30/16 03:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/30/16 03:55	1
Chloroethane	ND		1.0	0.32	ug/L			10/30/16 03:55	1
Chloroform	ND		1.0	0.34	ug/L			10/30/16 03:55	1
Chloromethane	ND		1.0	0.35	ug/L			10/30/16 03:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/30/16 03:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/30/16 03:55	1
Cyclohexane	ND		1.0	0.18	ug/L			10/30/16 03:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/30/16 03:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/30/16 03:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/30/16 03:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/30/16 03:55	1
Methyl acetate	ND		2.5	1.3	ug/L			10/30/16 03:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/30/16 03:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/30/16 03:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/30/16 03:55	1
Styrene	ND		1.0	0.73	ug/L			10/30/16 03:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/30/16 03:55	1
Toluene	ND		1.0	0.51	ug/L			10/30/16 03:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/30/16 03:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/30/16 03:55	1
Trichloroethene	ND		1.0	0.46	ug/L			10/30/16 03:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/30/16 03:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/30/16 03:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/30/16 03:55	1

Client Sample ID: Duplicate
Date Collected: 10/24/16 09:00
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		10/30/16 03:55	1
4-Bromofluorobenzene (Surr)	91		73 - 120		10/30/16 03:55	1
Toluene-d8 (Surr)	97		80 - 120		10/30/16 03:55	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: Rinse
Date Collected: 10/24/16 08:30
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-10
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			10/29/16 17:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/16 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/16 17:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/16 17:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/16 17:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/16 17:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/16 17:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/16 17:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/16 17:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/16 17:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/16 17:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/16 17:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/16 17:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/16 17:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/16 17:00	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/16 17:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/16 17:00	1
Acetone	ND		10	3.0	ug/L			10/29/16 17:00	1
Benzene	ND		1.0	0.41	ug/L			10/29/16 17:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/16 17:00	1
Bromoform	ND		1.0	0.26	ug/L			10/29/16 17:00	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/16 17:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/16 17:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/16 17:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/16 17:00	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/16 17:00	1
Chloroform	ND		1.0	0.34	ug/L			10/29/16 17:00	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/16 17:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/16 17:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/16 17:00	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/16 17:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/16 17:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/16 17:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/16 17:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/16 17:00	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/16 17:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/16 17:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/16 17:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/16 17:00	1
Styrene	ND		1.0	0.73	ug/L			10/29/16 17:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/16 17:00	1
Toluene	ND		1.0	0.51	ug/L			10/29/16 17:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/16 17:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/16 17:00	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/16 17:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/16 17:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/16 17:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/16 17:00	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: Rinse
Date Collected: 10/24/16 08:30
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/29/16 17:00	1
4-Bromofluorobenzene (Surr)	95		73 - 120		10/29/16 17:00	1
Toluene-d8 (Surr)	100		80 - 120		10/29/16 17:00	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-16D
Date Collected: 10/26/16 08:50
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-11
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		10	8.2	ug/L			10/29/16 17:24	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			10/29/16 17:24	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			10/29/16 17:24	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			10/29/16 17:24	10
1,1-Dichloroethane	**16**		10	3.8	ug/L			10/29/16 17:24	10
1,1-Dichloroethene	ND		10	2.9	ug/L			10/29/16 17:24	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			10/29/16 17:24	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			10/29/16 17:24	10
1,2-Dibromoethane	ND		10	7.3	ug/L			10/29/16 17:24	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			10/29/16 17:24	10
1,2-Dichloroethane	ND		10	2.1	ug/L			10/29/16 17:24	10
1,2-Dichloropropane	ND		10	7.2	ug/L			10/29/16 17:24	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			10/29/16 17:24	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			10/29/16 17:24	10
2-Butanone (MEK)	ND		100	13	ug/L			10/29/16 17:24	10
2-Hexanone	ND		50	12	ug/L			10/29/16 17:24	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			10/29/16 17:24	10
Acetone	ND		100	30	ug/L			10/29/16 17:24	10
Benzene	ND		10	4.1	ug/L			10/29/16 17:24	10
Bromodichloromethane	ND		10	3.9	ug/L			10/29/16 17:24	10
Bromoform	ND		10	2.6	ug/L			10/29/16 17:24	10
Bromomethane	ND		10	6.9	ug/L			10/29/16 17:24	10
Carbon disulfide	ND		10	1.9	ug/L			10/29/16 17:24	10
Carbon tetrachloride	ND		10	2.7	ug/L			10/29/16 17:24	10
Chlorobenzene	ND		10	7.5	ug/L			10/29/16 17:24	10
Chloroethane	**310**		10	3.2	ug/L			10/29/16 17:24	10
Chloroform	ND		10	3.4	ug/L			10/29/16 17:24	10
Chloromethane	ND		10	3.5	ug/L			10/29/16 17:24	10
cis-1,2-Dichloroethene	**31**		10	8.1	ug/L			10/29/16 17:24	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			10/29/16 17:24	10
Cyclohexane	ND		10	1.8	ug/L			10/29/16 17:24	10
Dibromochloromethane	ND		10	3.2	ug/L			10/29/16 17:24	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			10/29/16 17:24	10
Ethylbenzene	ND		10	7.4	ug/L			10/29/16 17:24	10
Isopropylbenzene	ND		10	7.9	ug/L			10/29/16 17:24	10
Methyl acetate	ND		25	13	ug/L			10/29/16 17:24	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			10/29/16 17:24	10
Methylcyclohexane	ND		10	1.6	ug/L			10/29/16 17:24	10
Methylene Chloride	ND		10	4.4	ug/L			10/29/16 17:24	10
Styrene	ND		10	7.3	ug/L			10/29/16 17:24	10
Tetrachloroethene	ND		10	3.6	ug/L			10/29/16 17:24	10
Toluene	ND		10	5.1	ug/L			10/29/16 17:24	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			10/29/16 17:24	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			10/29/16 17:24	10
Trichloroethene	ND		10	4.6	ug/L			10/29/16 17:24	10
Trichlorofluoromethane	ND		10	8.8	ug/L			10/29/16 17:24	10
Vinyl chloride	**13**		10	9.0	ug/L			10/29/16 17:24	10
Xylenes, Total	ND		20	6.6	ug/L			10/29/16 17:24	10

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-16D
Date Collected: 10/26/16 08:50
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		10/29/16 17:24	10
4-Bromofluorobenzene (Surr)	94		73 - 120		10/29/16 17:24	10
Toluene-d8 (Surr)	96		80 - 120		10/29/16 17:24	10

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-13S
Date Collected: 10/25/16 14:35
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-12
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		2.0	1.6	ug/L			10/30/16 04:19	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			10/30/16 04:19	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			10/30/16 04:19	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			10/30/16 04:19	2
1,1-Dichloroethane	**8.5**		2.0	0.76	ug/L			10/30/16 04:19	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			10/30/16 04:19	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			10/30/16 04:19	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			10/30/16 04:19	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			10/30/16 04:19	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			10/30/16 04:19	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			10/30/16 04:19	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			10/30/16 04:19	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			10/30/16 04:19	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			10/30/16 04:19	2
2-Butanone (MEK)	ND		20	2.6	ug/L			10/30/16 04:19	2
2-Hexanone	ND		10	2.5	ug/L			10/30/16 04:19	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			10/30/16 04:19	2
Acetone	**14**	**J**	20	6.0	ug/L			10/30/16 04:19	2
Benzene	ND		2.0	0.82	ug/L			10/30/16 04:19	2
Bromodichloromethane	ND		2.0	0.78	ug/L			10/30/16 04:19	2
Bromoform	ND		2.0	0.52	ug/L			10/30/16 04:19	2
Bromomethane	ND		2.0	1.4	ug/L			10/30/16 04:19	2
Carbon disulfide	ND		2.0	0.38	ug/L			10/30/16 04:19	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			10/30/16 04:19	2
Chlorobenzene	ND		2.0	1.5	ug/L			10/30/16 04:19	2
Chloroethane	**32**		2.0	0.64	ug/L			10/30/16 04:19	2
Chloroform	ND		2.0	0.68	ug/L			10/30/16 04:19	2
Chloromethane	ND		2.0	0.70	ug/L			10/30/16 04:19	2
cis-1,2-Dichloroethene	**100**		2.0	1.6	ug/L			10/30/16 04:19	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			10/30/16 04:19	2
Cyclohexane	ND		2.0	0.36	ug/L			10/30/16 04:19	2
Dibromochloromethane	ND		2.0	0.64	ug/L			10/30/16 04:19	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			10/30/16 04:19	2
Ethylbenzene	ND		2.0	1.5	ug/L			10/30/16 04:19	2
Isopropylbenzene	ND		2.0	1.6	ug/L			10/30/16 04:19	2
Methyl acetate	ND		5.0	2.6	ug/L			10/30/16 04:19	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			10/30/16 04:19	2
Methylcyclohexane	ND		2.0	0.32	ug/L			10/30/16 04:19	2
Methylene Chloride	ND		2.0	0.88	ug/L			10/30/16 04:19	2
Styrene	ND		2.0	1.5	ug/L			10/30/16 04:19	2
Tetrachloroethene	ND		2.0	0.72	ug/L			10/30/16 04:19	2
Toluene	**4.4**		2.0	1.0	ug/L			10/30/16 04:19	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			10/30/16 04:19	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			10/30/16 04:19	2
Trichloroethene	ND		2.0	0.92	ug/L			10/30/16 04:19	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			10/30/16 04:19	2
Vinyl chloride	**190**		2.0	1.8	ug/L			10/30/16 04:19	2
Xylenes, Total	ND		4.0	1.3	ug/L			10/30/16 04:19	2

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-13S
Date Collected: 10/25/16 14:35
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		10/30/16 04:19	2
4-Bromofluorobenzene (Surr)	93		73 - 120		10/30/16 04:19	2
Toluene-d8 (Surr)	94		80 - 120		10/30/16 04:19	2

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-8R
Date Collected: 10/25/16 12:15
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-13
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		100	82	ug/L			10/29/16 18:11	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			10/29/16 18:11	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			10/29/16 18:11	100
1,1,2-Trichloroethane	ND		100	23	ug/L			10/29/16 18:11	100
1,1-Dichloroethane	**170**		100	38	ug/L			10/29/16 18:11	100
1,1-Dichloroethene	**34**	**J**	100	29	ug/L			10/29/16 18:11	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			10/29/16 18:11	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			10/29/16 18:11	100
1,2-Dibromoethane	ND		100	73	ug/L			10/29/16 18:11	100
1,2-Dichlorobenzene	ND		100	79	ug/L			10/29/16 18:11	100
1,2-Dichloroethane	ND		100	21	ug/L			10/29/16 18:11	100
1,2-Dichloropropane	ND		100	72	ug/L			10/29/16 18:11	100
1,3-Dichlorobenzene	ND		100	78	ug/L			10/29/16 18:11	100
1,4-Dichlorobenzene	ND		100	84	ug/L			10/29/16 18:11	100
2-Butanone (MEK)	ND		1000	130	ug/L			10/29/16 18:11	100
2-Hexanone	ND		500	120	ug/L			10/29/16 18:11	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			10/29/16 18:11	100
Acetone	ND		1000	300	ug/L			10/29/16 18:11	100
Benzene	ND		100	41	ug/L			10/29/16 18:11	100
Bromodichloromethane	ND		100	39	ug/L			10/29/16 18:11	100
Bromoform	ND		100	26	ug/L			10/29/16 18:11	100
Bromomethane	ND		100	69	ug/L			10/29/16 18:11	100
Carbon disulfide	ND		100	19	ug/L			10/29/16 18:11	100
Carbon tetrachloride	ND		100	27	ug/L			10/29/16 18:11	100
Chlorobenzene	ND		100	75	ug/L			10/29/16 18:11	100
Chloroethane	ND		100	32	ug/L			10/29/16 18:11	100
Chloroform	ND		100	34	ug/L			10/29/16 18:11	100
Chloromethane	ND		100	35	ug/L			10/29/16 18:11	100
cis-1,2-Dichloroethene	**710**		100	81	ug/L			10/29/16 18:11	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			10/29/16 18:11	100
Cyclohexane	ND		100	18	ug/L			10/29/16 18:11	100
Dibromochloromethane	ND		100	32	ug/L			10/29/16 18:11	100
Dichlorodifluoromethane	ND		100	68	ug/L			10/29/16 18:11	100
Ethylbenzene	ND		100	74	ug/L			10/29/16 18:11	100
Isopropylbenzene	ND		100	79	ug/L			10/29/16 18:11	100
Methyl acetate	ND		250	130	ug/L			10/29/16 18:11	100
Methyl tert-butyl ether	ND		100	16	ug/L			10/29/16 18:11	100
Methylcyclohexane	ND		100	16	ug/L			10/29/16 18:11	100
Methylene Chloride	ND		100	44	ug/L			10/29/16 18:11	100
Styrene	ND		100	73	ug/L			10/29/16 18:11	100
Tetrachloroethene	ND		100	36	ug/L			10/29/16 18:11	100
Toluene	ND		100	51	ug/L			10/29/16 18:11	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			10/29/16 18:11	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			10/29/16 18:11	100
Trichloroethene	ND		100	46	ug/L			10/29/16 18:11	100
Trichlorofluoromethane	ND		100	88	ug/L			10/29/16 18:11	100
Vinyl chloride	**4700**		100	90	ug/L			10/29/16 18:11	100
Xylenes, Total	ND		200	66	ug/L			10/29/16 18:11	100

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-8R
Date Collected: 10/25/16 12:15
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/29/16 18:11	100
4-Bromofluorobenzene (Surr)	94		73 - 120		10/29/16 18:11	100
Toluene-d8 (Surr)	97		80 - 120		10/29/16 18:11	100

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-13D
Date Collected: 10/25/16 15:20
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-14
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			10/30/16 04:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/30/16 04:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/30/16 04:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/30/16 04:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/30/16 04:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/30/16 04:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/30/16 04:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/30/16 04:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/30/16 04:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/30/16 04:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/30/16 04:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/30/16 04:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/30/16 04:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/30/16 04:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/30/16 04:44	1
2-Hexanone	ND		5.0	1.2	ug/L			10/30/16 04:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/30/16 04:44	1
Acetone	**5.5**	**J**	10	3.0	ug/L			10/30/16 04:44	1
Benzene	ND		1.0	0.41	ug/L			10/30/16 04:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/30/16 04:44	1
Bromoform	ND		1.0	0.26	ug/L			10/30/16 04:44	1
Bromomethane	ND		1.0	0.69	ug/L			10/30/16 04:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/30/16 04:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/30/16 04:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/30/16 04:44	1
Chloroethane	**12**		1.0	0.32	ug/L			10/30/16 04:44	1
Chloroform	ND		1.0	0.34	ug/L			10/30/16 04:44	1
Chloromethane	ND		1.0	0.35	ug/L			10/30/16 04:44	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.81	ug/L			10/30/16 04:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/30/16 04:44	1
Cyclohexane	ND		1.0	0.18	ug/L			10/30/16 04:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/30/16 04:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/30/16 04:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/30/16 04:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/30/16 04:44	1
Methyl acetate	ND		2.5	1.3	ug/L			10/30/16 04:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/30/16 04:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/30/16 04:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/30/16 04:44	1
Styrene	ND		1.0	0.73	ug/L			10/30/16 04:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/30/16 04:44	1
Toluene	ND		1.0	0.51	ug/L			10/30/16 04:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/30/16 04:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/30/16 04:44	1
Trichloroethene	**0.47**	**J**	1.0	0.46	ug/L			10/30/16 04:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/30/16 04:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/30/16 04:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/30/16 04:44	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-13D
Date Collected: 10/25/16 15:20
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/30/16 04:44	1
4-Bromofluorobenzene (Surr)	94		73 - 120		10/30/16 04:44	1
Toluene-d8 (Surr)	97		80 - 120		10/30/16 04:44	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: Trip Blank
Date Collected: 10/24/16 06:30
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-15
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			10/29/16 18:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/16 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/16 18:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/16 18:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/16 18:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/16 18:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/16 18:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/16 18:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/16 18:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/16 18:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/16 18:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/16 18:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/16 18:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/16 18:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/16 18:59	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/16 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/16 18:59	1
Acetone	ND		10	3.0	ug/L			10/29/16 18:59	1
Benzene	ND		1.0	0.41	ug/L			10/29/16 18:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/16 18:59	1
Bromoform	ND		1.0	0.26	ug/L			10/29/16 18:59	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/16 18:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/16 18:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/16 18:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/16 18:59	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/16 18:59	1
Chloroform	ND		1.0	0.34	ug/L			10/29/16 18:59	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/16 18:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/16 18:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/16 18:59	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/16 18:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/16 18:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/16 18:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/16 18:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/16 18:59	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/16 18:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/16 18:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/16 18:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/16 18:59	1
Styrene	ND		1.0	0.73	ug/L			10/29/16 18:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/16 18:59	1
Toluene	ND		1.0	0.51	ug/L			10/29/16 18:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/16 18:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/16 18:59	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/16 18:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/16 18:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/16 18:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/16 18:59	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: Trip Blank
Date Collected: 10/24/16 06:30
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/29/16 18:59	1
4-Bromofluorobenzene (Surr)	93		73 - 120		10/29/16 18:59	1
Toluene-d8 (Surr)	95		80 - 120		10/29/16 18:59	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-8
Date Collected: 10/27/16 11:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-1
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	**21**		5.0	4.1	ug/L			11/07/16 02:32	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			11/07/16 02:32	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			11/07/16 02:32	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			11/07/16 02:32	5
1,1-Dichloroethane	**22**		5.0	1.9	ug/L			11/07/16 02:32	5
1,1-Dichloroethene	**4.0**	**J**	5.0	1.5	ug/L			11/07/16 02:32	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			11/07/16 02:32	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			11/07/16 02:32	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			11/07/16 02:32	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			11/07/16 02:32	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			11/07/16 02:32	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			11/07/16 02:32	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			11/07/16 02:32	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			11/07/16 02:32	5
2-Butanone (MEK)	ND		50	6.6	ug/L			11/07/16 02:32	5
2-Hexanone	ND		25	6.2	ug/L			11/07/16 02:32	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			11/07/16 02:32	5
Acetone	ND		50	15	ug/L			11/07/16 02:32	5
Benzene	ND		5.0	2.1	ug/L			11/07/16 02:32	5
Bromodichloromethane	ND		5.0	2.0	ug/L			11/07/16 02:32	5
Bromoform	ND		5.0	1.3	ug/L			11/07/16 02:32	5
Bromomethane	ND		5.0	3.5	ug/L			11/07/16 02:32	5
Carbon disulfide	ND		5.0	0.95	ug/L			11/07/16 02:32	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			11/07/16 02:32	5
Chlorobenzene	ND		5.0	3.8	ug/L			11/07/16 02:32	5
Chloroethane	**12**		5.0	1.6	ug/L			11/07/16 02:32	5
Chloroform	ND		5.0	1.7	ug/L			11/07/16 02:32	5
Chloromethane	ND		5.0	1.8	ug/L			11/07/16 02:32	5
cis-1,2-Dichloroethene	**830**	**E**	5.0	4.1	ug/L			11/07/16 02:32	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			11/07/16 02:32	5
Cyclohexane	ND		5.0	0.90	ug/L			11/07/16 02:32	5
Dibromochloromethane	ND		5.0	1.6	ug/L			11/07/16 02:32	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			11/07/16 02:32	5
Ethylbenzene	ND		5.0	3.7	ug/L			11/07/16 02:32	5
Isopropylbenzene	ND		5.0	4.0	ug/L			11/07/16 02:32	5
Methyl acetate	ND		13	6.5	ug/L			11/07/16 02:32	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			11/07/16 02:32	5
Methylcyclohexane	ND		5.0	0.80	ug/L			11/07/16 02:32	5
Methylene Chloride	ND		5.0	2.2	ug/L			11/07/16 02:32	5
Styrene	ND		5.0	3.7	ug/L			11/07/16 02:32	5
Tetrachloroethene	ND		5.0	1.8	ug/L			11/07/16 02:32	5
Toluene	ND		5.0	2.6	ug/L			11/07/16 02:32	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			11/07/16 02:32	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			11/07/16 02:32	5
Trichloroethene	**8.4**		5.0	2.3	ug/L			11/07/16 02:32	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			11/07/16 02:32	5
Vinyl chloride	**140**		5.0	4.5	ug/L			11/07/16 02:32	5
Xylenes, Total	ND		10	3.3	ug/L			11/07/16 02:32	5

Client Sample ID: DPT-8
Date Collected: 10/27/16 11:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-1
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*11/07/16 02:32*	*5*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*11/07/16 02:32*	*5*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/07/16 02:32*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**23**		20	16	ug/L			11/07/16 12:35	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			11/07/16 12:35	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			11/07/16 12:35	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			11/07/16 12:35	20
1,1-Dichloroethane	**22**		20	7.6	ug/L			11/07/16 12:35	20
1,1-Dichloroethene	ND		20	5.8	ug/L			11/07/16 12:35	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			11/07/16 12:35	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			11/07/16 12:35	20
1,2-Dibromoethane	ND		20	15	ug/L			11/07/16 12:35	20
1,2-Dichlorobenzene	ND		20	16	ug/L			11/07/16 12:35	20
1,2-Dichloroethane	ND		20	4.2	ug/L			11/07/16 12:35	20
1,2-Dichloropropane	ND		20	14	ug/L			11/07/16 12:35	20
1,3-Dichlorobenzene	ND		20	16	ug/L			11/07/16 12:35	20
1,4-Dichlorobenzene	ND		20	17	ug/L			11/07/16 12:35	20
2-Butanone (MEK)	ND	*	200	26	ug/L			11/07/16 12:35	20
2-Hexanone	ND		100	25	ug/L			11/07/16 12:35	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			11/07/16 12:35	20
Acetone	ND		200	60	ug/L			11/07/16 12:35	20
Benzene	ND		20	8.2	ug/L			11/07/16 12:35	20
Bromodichloromethane	ND		20	7.8	ug/L			11/07/16 12:35	20
Bromoform	ND		20	5.2	ug/L			11/07/16 12:35	20
Bromomethane	ND		20	14	ug/L			11/07/16 12:35	20
Carbon disulfide	ND		20	3.8	ug/L			11/07/16 12:35	20
Carbon tetrachloride	ND		20	5.4	ug/L			11/07/16 12:35	20
Chlorobenzene	ND		20	15	ug/L			11/07/16 12:35	20
Chloroethane	**14**	**J**	20	6.4	ug/L			11/07/16 12:35	20
Chloroform	ND		20	6.8	ug/L			11/07/16 12:35	20
Chloromethane	ND		20	7.0	ug/L			11/07/16 12:35	20
cis-1,2-Dichloroethene	**850**		20	16	ug/L			11/07/16 12:35	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			11/07/16 12:35	20
Cyclohexane	ND		20	3.6	ug/L			11/07/16 12:35	20
Dibromochloromethane	ND		20	6.4	ug/L			11/07/16 12:35	20
Dichlorodifluoromethane	ND		20	14	ug/L			11/07/16 12:35	20
Ethylbenzene	ND		20	15	ug/L			11/07/16 12:35	20
Isopropylbenzene	ND		20	16	ug/L			11/07/16 12:35	20
Methyl acetate	ND		50	26	ug/L			11/07/16 12:35	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			11/07/16 12:35	20
Methylcyclohexane	ND		20	3.2	ug/L			11/07/16 12:35	20
Methylene Chloride	**12**	**J**	20	8.8	ug/L			11/07/16 12:35	20
Styrene	ND		20	15	ug/L			11/07/16 12:35	20
Tetrachloroethene	ND		20	7.2	ug/L			11/07/16 12:35	20
Toluene	ND		20	10	ug/L			11/07/16 12:35	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			11/07/16 12:35	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			11/07/16 12:35	20

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-8
Date Collected: 10/27/16 11:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**10**	**J**	20	9.2	ug/L			11/07/16 12:35	20
Trichlorofluoromethane	ND		20	18	ug/L			11/07/16 12:35	20
Vinyl chloride	**140**		20	18	ug/L			11/07/16 12:35	20
Xylenes, Total	ND		40	13	ug/L			11/07/16 12:35	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*11/07/16 12:35*	*20*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*11/07/16 12:35*	*20*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/07/16 12:35*	*20*

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: GWCT
Date Collected: 10/27/16 11:45
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-2
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			11/07/16 02:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/07/16 02:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/07/16 02:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/07/16 02:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/07/16 02:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/07/16 02:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/07/16 02:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/07/16 02:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/07/16 02:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/07/16 02:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/07/16 02:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/07/16 02:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/07/16 02:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/07/16 02:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/07/16 02:59	1
2-Hexanone	ND		5.0	1.2	ug/L			11/07/16 02:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/07/16 02:59	1
Acetone	ND		10	3.0	ug/L			11/07/16 02:59	1
Benzene	ND		1.0	0.41	ug/L			11/07/16 02:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/07/16 02:59	1
Bromoform	ND		1.0	0.26	ug/L			11/07/16 02:59	1
Bromomethane	ND		1.0	0.69	ug/L			11/07/16 02:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/07/16 02:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/07/16 02:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/07/16 02:59	1
Chloroethane	**34**		1.0	0.32	ug/L			11/07/16 02:59	1
Chloroform	ND		1.0	0.34	ug/L			11/07/16 02:59	1
Chloromethane	ND		1.0	0.35	ug/L			11/07/16 02:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/07/16 02:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/07/16 02:59	1
Cyclohexane	ND		1.0	0.18	ug/L			11/07/16 02:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/07/16 02:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/07/16 02:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/07/16 02:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/07/16 02:59	1
Methyl acetate	ND		2.5	1.3	ug/L			11/07/16 02:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/07/16 02:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/07/16 02:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/07/16 02:59	1
Styrene	ND		1.0	0.73	ug/L			11/07/16 02:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/07/16 02:59	1
Toluene	ND		1.0	0.51	ug/L			11/07/16 02:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/07/16 02:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/07/16 02:59	1
Trichloroethene	ND		1.0	0.46	ug/L			11/07/16 02:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/07/16 02:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/07/16 02:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/07/16 02:59	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: GWCT
Date Collected: 10/27/16 11:45
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/07/16 02:59	1
4-Bromofluorobenzene (Surr)	113		73 - 120		11/07/16 02:59	1
Toluene-d8 (Surr)	101		80 - 120		11/07/16 02:59	1

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-1
Date Collected: 10/27/16 08:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-3
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		5.0	4.1	ug/L			11/07/16 13:29	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			11/07/16 13:29	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			11/07/16 13:29	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			11/07/16 13:29	5
1,1-Dichloroethane	**21**		5.0	1.9	ug/L			11/07/16 13:29	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			11/07/16 13:29	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			11/07/16 13:29	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			11/07/16 13:29	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			11/07/16 13:29	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			11/07/16 13:29	5
1,2-Dichloroethane	**1.1**	**J**	5.0	1.1	ug/L			11/07/16 13:29	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			11/07/16 13:29	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			11/07/16 13:29	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			11/07/16 13:29	5
2-Butanone (MEK)	**24**	**J ***	50	6.6	ug/L			11/07/16 13:29	5
2-Hexanone	ND		25	6.2	ug/L			11/07/16 13:29	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			11/07/16 13:29	5
Acetone	**64**		50	15	ug/L			11/07/16 13:29	5
Benzene	ND		5.0	2.1	ug/L			11/07/16 13:29	5
Bromodichloromethane	ND		5.0	2.0	ug/L			11/07/16 13:29	5
Bromoform	ND		5.0	1.3	ug/L			11/07/16 13:29	5
Bromomethane	ND		5.0	3.5	ug/L			11/07/16 13:29	5
Carbon disulfide	ND		5.0	0.95	ug/L			11/07/16 13:29	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			11/07/16 13:29	5
Chlorobenzene	ND		5.0	3.8	ug/L			11/07/16 13:29	5
Chloroethane	**9.2**		5.0	1.6	ug/L			11/07/16 13:29	5
Chloroform	ND		5.0	1.7	ug/L			11/07/16 13:29	5
Chloromethane	ND		5.0	1.8	ug/L			11/07/16 13:29	5
cis-1,2-Dichloroethene	**25**		5.0	4.1	ug/L			11/07/16 13:29	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			11/07/16 13:29	5
Cyclohexane	ND		5.0	0.90	ug/L			11/07/16 13:29	5
Dibromochloromethane	ND		5.0	1.6	ug/L			11/07/16 13:29	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			11/07/16 13:29	5
Ethylbenzene	ND		5.0	3.7	ug/L			11/07/16 13:29	5
Isopropylbenzene	ND		5.0	4.0	ug/L			11/07/16 13:29	5
Methyl acetate	ND		13	6.5	ug/L			11/07/16 13:29	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			11/07/16 13:29	5
Methylcyclohexane	ND		5.0	0.80	ug/L			11/07/16 13:29	5
Methylene Chloride	**4.3**	**J**	5.0	2.2	ug/L			11/07/16 13:29	5
Styrene	ND		5.0	3.7	ug/L			11/07/16 13:29	5
Tetrachloroethene	ND		5.0	1.8	ug/L			11/07/16 13:29	5
Toluene	**5.7**		5.0	2.6	ug/L			11/07/16 13:29	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			11/07/16 13:29	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			11/07/16 13:29	5
Trichloroethene	**4.7**	**J**	5.0	2.3	ug/L			11/07/16 13:29	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			11/07/16 13:29	5
Vinyl chloride	**6.8**		5.0	4.5	ug/L			11/07/16 13:29	5
Xylenes, Total	ND		10	3.3	ug/L			11/07/16 13:29	5

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-1
Date Collected: 10/27/16 08:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		11/07/16 13:29	5
4-Bromofluorobenzene (Surr)	119		73 - 120		11/07/16 13:29	5
Toluene-d8 (Surr)	101		80 - 120		11/07/16 13:29	5

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-3
Date Collected: 10/27/16 09:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-4
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		5.0	4.1	ug/L			11/07/16 03:53	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			11/07/16 03:53	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			11/07/16 03:53	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			11/07/16 03:53	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			11/07/16 03:53	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			11/07/16 03:53	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			11/07/16 03:53	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			11/07/16 03:53	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			11/07/16 03:53	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			11/07/16 03:53	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			11/07/16 03:53	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			11/07/16 03:53	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			11/07/16 03:53	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			11/07/16 03:53	5
2-Butanone (MEK)	ND		50	6.6	ug/L			11/07/16 03:53	5
2-Hexanone	ND		25	6.2	ug/L			11/07/16 03:53	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			11/07/16 03:53	5
Acetone	ND		50	15	ug/L			11/07/16 03:53	5
Benzene	ND		5.0	2.1	ug/L			11/07/16 03:53	5
Bromodichloromethane	ND		5.0	2.0	ug/L			11/07/16 03:53	5
Bromoform	ND		5.0	1.3	ug/L			11/07/16 03:53	5
Bromomethane	ND		5.0	3.5	ug/L			11/07/16 03:53	5
Carbon disulfide	ND		5.0	0.95	ug/L			11/07/16 03:53	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			11/07/16 03:53	5
Chlorobenzene	ND		5.0	3.8	ug/L			11/07/16 03:53	5
Chloroethane	ND		5.0	1.6	ug/L			11/07/16 03:53	5
Chloroform	ND		5.0	1.7	ug/L			11/07/16 03:53	5
Chloromethane	ND		5.0	1.8	ug/L			11/07/16 03:53	5
cis-1,2-Dichloroethene	**6.0**		5.0	4.1	ug/L			11/07/16 03:53	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			11/07/16 03:53	5
Cyclohexane	ND		5.0	0.90	ug/L			11/07/16 03:53	5
Dibromochloromethane	ND		5.0	1.6	ug/L			11/07/16 03:53	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			11/07/16 03:53	5
Ethylbenzene	ND		5.0	3.7	ug/L			11/07/16 03:53	5
Isopropylbenzene	ND		5.0	4.0	ug/L			11/07/16 03:53	5
Methyl acetate	ND		13	6.5	ug/L			11/07/16 03:53	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			11/07/16 03:53	5
Methylcyclohexane	ND		5.0	0.80	ug/L			11/07/16 03:53	5
Methylene Chloride	ND		5.0	2.2	ug/L			11/07/16 03:53	5
Styrene	ND		5.0	3.7	ug/L			11/07/16 03:53	5
Tetrachloroethene	ND		5.0	1.8	ug/L			11/07/16 03:53	5
Toluene	ND		5.0	2.6	ug/L			11/07/16 03:53	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			11/07/16 03:53	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			11/07/16 03:53	5
Trichloroethene	**3.1**	**J**	5.0	2.3	ug/L			11/07/16 03:53	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			11/07/16 03:53	5
Vinyl chloride	**10**		5.0	4.5	ug/L			11/07/16 03:53	5
Xylenes, Total	ND		10	3.3	ug/L			11/07/16 03:53	5

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-3
Date Collected: 10/27/16 09:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		11/07/16 03:53	5
4-Bromofluorobenzene (Surr)	111		73 - 120		11/07/16 03:53	5
Toluene-d8 (Surr)	100		80 - 120		11/07/16 03:53	5

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-4
Date Collected: 10/27/16 10:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-5
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			11/08/16 01:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/08/16 01:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/08/16 01:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/08/16 01:18	1
1,1-Dichloroethane	**2.5**		1.0	0.38	ug/L			11/08/16 01:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/08/16 01:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/08/16 01:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/08/16 01:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/08/16 01:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/08/16 01:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/08/16 01:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/08/16 01:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/08/16 01:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/08/16 01:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/08/16 01:18	1
2-Hexanone	ND		5.0	1.2	ug/L			11/08/16 01:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/08/16 01:18	1
Acetone	**6.9**	**J**	10	3.0	ug/L			11/08/16 01:18	1
Benzene	ND		1.0	0.41	ug/L			11/08/16 01:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/08/16 01:18	1
Bromoform	ND		1.0	0.26	ug/L			11/08/16 01:18	1
Bromomethane	ND		1.0	0.69	ug/L			11/08/16 01:18	1
Carbon disulfide	**2.1**		1.0	0.19	ug/L			11/08/16 01:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/08/16 01:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/08/16 01:18	1
Chloroethane	**4.6**		1.0	0.32	ug/L			11/08/16 01:18	1
Chloroform	ND		1.0	0.34	ug/L			11/08/16 01:18	1
Chloromethane	ND		1.0	0.35	ug/L			11/08/16 01:18	1
cis-1,2-Dichloroethene	**120**	**E**	1.0	0.81	ug/L			11/08/16 01:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/08/16 01:18	1
Cyclohexane	ND		1.0	0.18	ug/L			11/08/16 01:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/08/16 01:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/08/16 01:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/08/16 01:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/08/16 01:18	1
Methyl acetate	ND		2.5	1.3	ug/L			11/08/16 01:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/08/16 01:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/08/16 01:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/08/16 01:18	1
Styrene	ND		1.0	0.73	ug/L			11/08/16 01:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/08/16 01:18	1
Toluene	ND		1.0	0.51	ug/L			11/08/16 01:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/08/16 01:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/08/16 01:18	1
Trichloroethene	**1.4**		1.0	0.46	ug/L			11/08/16 01:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/08/16 01:18	1
Vinyl chloride	**49**		1.0	0.90	ug/L			11/08/16 01:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/08/16 01:18	1

Client Sample ID: DPT-4
Date Collected: 10/27/16 10:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 120*		*11/08/16 01:18*	*1*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*		*11/08/16 01:18*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/08/16 01:18*	*1*

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		10	8.2	ug/L			11/07/16 13:57	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/07/16 13:57	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/07/16 13:57	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/07/16 13:57	10
1,1-Dichloroethane	ND		10	3.8	ug/L			11/07/16 13:57	10
1,1-Dichloroethene	ND		10	2.9	ug/L			11/07/16 13:57	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/07/16 13:57	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/07/16 13:57	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/07/16 13:57	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/07/16 13:57	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/07/16 13:57	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/07/16 13:57	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			11/07/16 13:57	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			11/07/16 13:57	10
2-Butanone (MEK)	ND	*	100	13	ug/L			11/07/16 13:57	10
2-Hexanone	ND		50	12	ug/L			11/07/16 13:57	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/07/16 13:57	10
Acetone	ND		100	30	ug/L			11/07/16 13:57	10
Benzene	ND		10	4.1	ug/L			11/07/16 13:57	10
Bromodichloromethane	ND		10	3.9	ug/L			11/07/16 13:57	10
Bromoform	ND		10	2.6	ug/L			11/07/16 13:57	10
Bromomethane	ND		10	6.9	ug/L			11/07/16 13:57	10
Carbon disulfide	ND		10	1.9	ug/L			11/07/16 13:57	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/07/16 13:57	10
Chlorobenzene	ND		10	7.5	ug/L			11/07/16 13:57	10
Chloroethane	ND		10	3.2	ug/L			11/07/16 13:57	10
Chloroform	ND		10	3.4	ug/L			11/07/16 13:57	10
Chloromethane	ND		10	3.5	ug/L			11/07/16 13:57	10
cis-1,2-Dichloroethene	**130**		10	8.1	ug/L			11/07/16 13:57	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/07/16 13:57	10
Cyclohexane	ND		10	1.8	ug/L			11/07/16 13:57	10
Dibromochloromethane	ND		10	3.2	ug/L			11/07/16 13:57	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/07/16 13:57	10
Ethylbenzene	ND		10	7.4	ug/L			11/07/16 13:57	10
Isopropylbenzene	ND		10	7.9	ug/L			11/07/16 13:57	10
Methyl acetate	ND		25	13	ug/L			11/07/16 13:57	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/07/16 13:57	10
Methylcyclohexane	ND		10	1.6	ug/L			11/07/16 13:57	10
Methylene Chloride	**5.7**	**J**	10	4.4	ug/L			11/07/16 13:57	10
Styrene	ND		10	7.3	ug/L			11/07/16 13:57	10
Tetrachloroethene	ND		10	3.6	ug/L			11/07/16 13:57	10
Toluene	ND		10	5.1	ug/L			11/07/16 13:57	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			11/07/16 13:57	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/07/16 13:57	10

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-4
Date Collected: 10/27/16 10:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-5
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		10	4.6	ug/L			11/07/16 13:57	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/07/16 13:57	10
Vinyl chloride	**44**		10	9.0	ug/L			11/07/16 13:57	10
Xylenes, Total	ND		20	6.6	ug/L			11/07/16 13:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*11/07/16 13:57*	*10*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*		*11/07/16 13:57*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/07/16 13:57*	*10*

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-5
Date Collected: 10/27/16 10:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-6
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		10	8.2	ug/L			11/07/16 04:47	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/07/16 04:47	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/07/16 04:47	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/07/16 04:47	10
1,1-Dichloroethane	**110**		10	3.8	ug/L			11/07/16 04:47	10
1,1-Dichloroethene	**9.3**	**J**	10	2.9	ug/L			11/07/16 04:47	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/07/16 04:47	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/07/16 04:47	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/07/16 04:47	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/07/16 04:47	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/07/16 04:47	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/07/16 04:47	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			11/07/16 04:47	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			11/07/16 04:47	10
2-Butanone (MEK)	ND		100	13	ug/L			11/07/16 04:47	10
2-Hexanone	ND		50	12	ug/L			11/07/16 04:47	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/07/16 04:47	10
Acetone	**180**		100	30	ug/L			11/07/16 04:47	10
Benzene	ND		10	4.1	ug/L			11/07/16 04:47	10
Bromodichloromethane	ND		10	3.9	ug/L			11/07/16 04:47	10
Bromoform	ND		10	2.6	ug/L			11/07/16 04:47	10
Bromomethane	ND		10	6.9	ug/L			11/07/16 04:47	10
Carbon disulfide	ND		10	1.9	ug/L			11/07/16 04:47	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/07/16 04:47	10
Chlorobenzene	ND		10	7.5	ug/L			11/07/16 04:47	10
Chloroethane	**120**		10	3.2	ug/L			11/07/16 04:47	10
Chloroform	ND		10	3.4	ug/L			11/07/16 04:47	10
Chloromethane	ND		10	3.5	ug/L			11/07/16 04:47	10
cis-1,2-Dichloroethene	**3000**	**E**	10	8.1	ug/L			11/07/16 04:47	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/07/16 04:47	10
Cyclohexane	ND		10	1.8	ug/L			11/07/16 04:47	10
Dibromochloromethane	ND		10	3.2	ug/L			11/07/16 04:47	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/07/16 04:47	10
Ethylbenzene	ND		10	7.4	ug/L			11/07/16 04:47	10
Isopropylbenzene	ND		10	7.9	ug/L			11/07/16 04:47	10
Methyl acetate	ND		25	13	ug/L			11/07/16 04:47	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/07/16 04:47	10
Methylcyclohexane	ND		10	1.6	ug/L			11/07/16 04:47	10
Methylene Chloride	ND		10	4.4	ug/L			11/07/16 04:47	10
Styrene	ND		10	7.3	ug/L			11/07/16 04:47	10
Tetrachloroethene	ND		10	3.6	ug/L			11/07/16 04:47	10
Toluene	**12**		10	5.1	ug/L			11/07/16 04:47	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			11/07/16 04:47	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/07/16 04:47	10
Trichloroethene	**14**		10	4.6	ug/L			11/07/16 04:47	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/07/16 04:47	10
Vinyl chloride	**1800**	**E**	10	9.0	ug/L			11/07/16 04:47	10
Xylenes, Total	ND		20	6.6	ug/L			11/07/16 04:47	10

Client Sample ID: DPT-5
Date Collected: 10/27/16 10:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*11/07/16 04:47*	*10*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*		*11/07/16 04:47*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/07/16 04:47*	*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		50	41	ug/L			11/07/16 14:24	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			11/07/16 14:24	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			11/07/16 14:24	50
1,1,2-Trichloroethane	ND		50	12	ug/L			11/07/16 14:24	50
1,1-Dichloroethane	**93**		50	19	ug/L			11/07/16 14:24	50
1,1-Dichloroethene	ND		50	15	ug/L			11/07/16 14:24	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			11/07/16 14:24	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			11/07/16 14:24	50
1,2-Dibromoethane	ND		50	37	ug/L			11/07/16 14:24	50
1,2-Dichlorobenzene	ND		50	40	ug/L			11/07/16 14:24	50
1,2-Dichloroethane	ND		50	11	ug/L			11/07/16 14:24	50
1,2-Dichloropropane	ND		50	36	ug/L			11/07/16 14:24	50
1,3-Dichlorobenzene	ND		50	39	ug/L			11/07/16 14:24	50
1,4-Dichlorobenzene	ND		50	42	ug/L			11/07/16 14:24	50
2-Butanone (MEK)	ND	*	500	66	ug/L			11/07/16 14:24	50
2-Hexanone	ND		250	62	ug/L			11/07/16 14:24	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			11/07/16 14:24	50
Acetone	**180**	**J**	500	150	ug/L			11/07/16 14:24	50
Benzene	ND		50	21	ug/L			11/07/16 14:24	50
Bromodichloromethane	ND		50	20	ug/L			11/07/16 14:24	50
Bromoform	ND		50	13	ug/L			11/07/16 14:24	50
Bromomethane	ND		50	35	ug/L			11/07/16 14:24	50
Carbon disulfide	ND		50	9.5	ug/L			11/07/16 14:24	50
Carbon tetrachloride	ND		50	14	ug/L			11/07/16 14:24	50
Chlorobenzene	ND		50	38	ug/L			11/07/16 14:24	50
Chloroethane	**110**		50	16	ug/L			11/07/16 14:24	50
Chloroform	ND		50	17	ug/L			11/07/16 14:24	50
Chloromethane	ND		50	18	ug/L			11/07/16 14:24	50
cis-1,2-Dichloroethene	**2800**		50	41	ug/L			11/07/16 14:24	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			11/07/16 14:24	50
Cyclohexane	ND		50	9.0	ug/L			11/07/16 14:24	50
Dibromochloromethane	ND		50	16	ug/L			11/07/16 14:24	50
Dichlorodifluoromethane	ND		50	34	ug/L			11/07/16 14:24	50
Ethylbenzene	ND		50	37	ug/L			11/07/16 14:24	50
Isopropylbenzene	ND		50	40	ug/L			11/07/16 14:24	50
Methyl acetate	ND		130	65	ug/L			11/07/16 14:24	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			11/07/16 14:24	50
Methylcyclohexane	ND		50	8.0	ug/L			11/07/16 14:24	50
Methylene Chloride	ND		50	22	ug/L			11/07/16 14:24	50
Styrene	ND		50	37	ug/L			11/07/16 14:24	50
Tetrachloroethene	ND		50	18	ug/L			11/07/16 14:24	50
Toluene	ND		50	26	ug/L			11/07/16 14:24	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			11/07/16 14:24	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			11/07/16 14:24	50

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-5
Date Collected: 10/27/16 10:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-6
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		50	23	ug/L			11/07/16 14:24	50
Trichlorofluoromethane	ND		50	44	ug/L			11/07/16 14:24	50
Vinyl chloride	**1600**		50	45	ug/L			11/07/16 14:24	50
Xylenes, Total	ND		100	33	ug/L			11/07/16 14:24	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*11/07/16 14:24*	*50*
4-Bromofluorobenzene (Surr)	*117*		*73 - 120*		*11/07/16 14:24*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/07/16 14:24*	*50*

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-7
Date Collected: 10/27/16 11:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-7
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		20	16	ug/L			11/07/16 05:13	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			11/07/16 05:13	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			11/07/16 05:13	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			11/07/16 05:13	20
1,1-Dichloroethane	ND		20	7.6	ug/L			11/07/16 05:13	20
1,1-Dichloroethene	ND		20	5.8	ug/L			11/07/16 05:13	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			11/07/16 05:13	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			11/07/16 05:13	20
1,2-Dibromoethane	ND		20	15	ug/L			11/07/16 05:13	20
1,2-Dichlorobenzene	ND		20	16	ug/L			11/07/16 05:13	20
1,2-Dichloroethane	ND		20	4.2	ug/L			11/07/16 05:13	20
1,2-Dichloropropane	ND		20	14	ug/L			11/07/16 05:13	20
1,3-Dichlorobenzene	ND		20	16	ug/L			11/07/16 05:13	20
1,4-Dichlorobenzene	ND		20	17	ug/L			11/07/16 05:13	20
2-Butanone (MEK)	**210**		200	26	ug/L			11/07/16 05:13	20
2-Hexanone	ND		100	25	ug/L			11/07/16 05:13	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			11/07/16 05:13	20
Acetone	**130**	**J**	200	60	ug/L			11/07/16 05:13	20
Benzene	ND		20	8.2	ug/L			11/07/16 05:13	20
Bromodichloromethane	ND		20	7.8	ug/L			11/07/16 05:13	20
Bromoform	ND		20	5.2	ug/L			11/07/16 05:13	20
Bromomethane	ND		20	14	ug/L			11/07/16 05:13	20
Carbon disulfide	ND		20	3.8	ug/L			11/07/16 05:13	20
Carbon tetrachloride	ND		20	5.4	ug/L			11/07/16 05:13	20
Chlorobenzene	ND		20	15	ug/L			11/07/16 05:13	20
Chloroethane	**110**		20	6.4	ug/L			11/07/16 05:13	20
Chloroform	ND		20	6.8	ug/L			11/07/16 05:13	20
Chloromethane	ND		20	7.0	ug/L			11/07/16 05:13	20
cis-1,2-Dichloroethene	**27**		20	16	ug/L			11/07/16 05:13	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			11/07/16 05:13	20
Cyclohexane	ND		20	3.6	ug/L			11/07/16 05:13	20
Dibromochloromethane	ND		20	6.4	ug/L			11/07/16 05:13	20
Dichlorodifluoromethane	ND		20	14	ug/L			11/07/16 05:13	20
Ethylbenzene	ND		20	15	ug/L			11/07/16 05:13	20
Isopropylbenzene	ND		20	16	ug/L			11/07/16 05:13	20
Methyl acetate	ND		50	26	ug/L			11/07/16 05:13	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			11/07/16 05:13	20
Methylcyclohexane	ND		20	3.2	ug/L			11/07/16 05:13	20
Methylene Chloride	ND		20	8.8	ug/L			11/07/16 05:13	20
Styrene	ND		20	15	ug/L			11/07/16 05:13	20
Tetrachloroethene	ND		20	7.2	ug/L			11/07/16 05:13	20
Toluene	ND		20	10	ug/L			11/07/16 05:13	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			11/07/16 05:13	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			11/07/16 05:13	20
Trichloroethene	ND		20	9.2	ug/L			11/07/16 05:13	20
Trichlorofluoromethane	ND		20	18	ug/L			11/07/16 05:13	20
Vinyl chloride	ND		20	18	ug/L			11/07/16 05:13	20
Xylenes, Total	ND		40	13	ug/L			11/07/16 05:13	20

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-7
Date Collected: 10/27/16 11:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		11/07/16 05:13	20
4-Bromofluorobenzene (Surr)	113		73 - 120		11/07/16 05:13	20
Toluene-d8 (Surr)	100		80 - 120		11/07/16 05:13	20

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: Trip Blank
Date Collected: 10/27/16 00:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-8
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		1.0	0.82	ug/L			11/07/16 05:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/07/16 05:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/07/16 05:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/07/16 05:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/07/16 05:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/07/16 05:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/07/16 05:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/07/16 05:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/07/16 05:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/07/16 05:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/07/16 05:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/07/16 05:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/07/16 05:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/07/16 05:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/07/16 05:41	1
2-Hexanone	ND		5.0	1.2	ug/L			11/07/16 05:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/07/16 05:41	1
Acetone	ND		10	3.0	ug/L			11/07/16 05:41	1
Benzene	ND		1.0	0.41	ug/L			11/07/16 05:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/07/16 05:41	1
Bromoform	ND		1.0	0.26	ug/L			11/07/16 05:41	1
Bromomethane	ND		1.0	0.69	ug/L			11/07/16 05:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/07/16 05:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/07/16 05:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/07/16 05:41	1
Chloroethane	ND		1.0	0.32	ug/L			11/07/16 05:41	1
Chloroform	ND		1.0	0.34	ug/L			11/07/16 05:41	1
Chloromethane	ND		1.0	0.35	ug/L			11/07/16 05:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/07/16 05:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/07/16 05:41	1
Cyclohexane	ND		1.0	0.18	ug/L			11/07/16 05:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/07/16 05:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/07/16 05:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/07/16 05:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/07/16 05:41	1
Methyl acetate	ND		2.5	1.3	ug/L			11/07/16 05:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/07/16 05:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/07/16 05:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/07/16 05:41	1
Styrene	ND		1.0	0.73	ug/L			11/07/16 05:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/07/16 05:41	1
Toluene	ND		1.0	0.51	ug/L			11/07/16 05:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/07/16 05:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/07/16 05:41	1
Trichloroethene	ND		1.0	0.46	ug/L			11/07/16 05:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/07/16 05:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/07/16 05:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/07/16 05:41	1

Client Sample Results

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: Trip Blank
Date Collected: 10/27/16 00:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		11/07/16 05:41	1
4-Bromofluorobenzene (Surr)	117		73 - 120		11/07/16 05:41	1
Toluene-d8 (Surr)	100		80 - 120		11/07/16 05:41	1

Lab Chronicle

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-2
Date Collected: 10/24/16 15:50
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328477	10/29/16 13:25	GTG	TAL BUF

Client Sample ID: MW-3
Date Collected: 10/25/16 11:40
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328477	10/29/16 13:49	GTG	TAL BUF

Client Sample ID: MW-4
Date Collected: 10/25/16 13:50
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	328477	10/29/16 14:13	GTG	TAL BUF

Client Sample ID: MW-6
Date Collected: 10/24/16 13:00
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328477	10/29/16 14:36	GTG	TAL BUF

Client Sample ID: MW-10
Date Collected: 10/24/16 14:05
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328477	10/29/16 15:00	GTG	TAL BUF

Client Sample ID: MW-11
Date Collected: 10/24/16 15:00
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328477	10/29/16 15:24	GTG	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-12
Date Collected: 10/24/16 12:15
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328477	10/29/16 15:48	GTG	TAL BUF

Client Sample ID: MW-16S
Date Collected: 10/26/16 08:15
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	328578	10/30/16 03:31	NMD1	TAL BUF

Client Sample ID: Duplicate
Date Collected: 10/24/16 09:00
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328578	10/30/16 03:55	NMD1	TAL BUF

Client Sample ID: Rinse
Date Collected: 10/24/16 08:30
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328477	10/29/16 17:00	GTG	TAL BUF

Client Sample ID: MW-16D
Date Collected: 10/26/16 08:50
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	328477	10/29/16 17:24	GTG	TAL BUF

Client Sample ID: MW-13S
Date Collected: 10/25/16 14:35
Date Received: 10/26/16 12:25

Lab Sample ID: 480-108459-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	328578	10/30/16 04:19	NMD1	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: MW-8R
Lab Sample ID: 480-108459-13
Date Collected: 10/25/16 12:15
Matrix: Water
Date Received: 10/26/16 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	328477	10/29/16 18:11	GTG	TAL BUF

Client Sample ID: MW-13D
Lab Sample ID: 480-108459-14
Date Collected: 10/25/16 15:20
Matrix: Water
Date Received: 10/26/16 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328578	10/30/16 04:44	NMD1	TAL BUF

Client Sample ID: Trip Blank
Lab Sample ID: 480-108459-15
Date Collected: 10/24/16 06:30
Matrix: Water
Date Received: 10/26/16 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	328477	10/29/16 18:59	GTG	TAL BUF

Client Sample ID: DPT-8
Lab Sample ID: 480-108538-1
Date Collected: 10/27/16 11:30
Matrix: Water
Date Received: 10/27/16 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	330019	11/07/16 02:32	GTG	TAL BUF
Total/NA	Analysis	8260C	DL	20	330068	11/07/16 12:35	GTG	TAL BUF

Client Sample ID: GWCT
Lab Sample ID: 480-108538-2
Date Collected: 10/27/16 11:45
Matrix: Water
Date Received: 10/27/16 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	330019	11/07/16 02:59	GTG	TAL BUF

Client Sample ID: DPT-1
Lab Sample ID: 480-108538-3
Date Collected: 10/27/16 08:30
Matrix: Water
Date Received: 10/27/16 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	330068	11/07/16 13:29	GTG	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

Client Sample ID: DPT-3
Date Collected: 10/27/16 09:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	330019	11/07/16 03:53	GTG	TAL BUF

Client Sample ID: DPT-4
Date Collected: 10/27/16 10:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	330068	11/07/16 13:57	GTG	TAL BUF
Total/NA	Analysis	8260C		1	330250	11/08/16 01:18	RJF	TAL BUF

Client Sample ID: DPT-5
Date Collected: 10/27/16 10:30
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	330019	11/07/16 04:47	GTG	TAL BUF
Total/NA	Analysis	8260C	DL	50	330068	11/07/16 14:24	GTG	TAL BUF

Client Sample ID: DPT-7
Date Collected: 10/27/16 11:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	330019	11/07/16 05:13	GTG	TAL BUF

Client Sample ID: Trip Blank
Date Collected: 10/27/16 00:00
Date Received: 10/27/16 12:50

Lab Sample ID: 480-108538-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	330019	11/07/16 05:41	GTG	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

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

Method Summary

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

TestAmerica Job ID: 480-108459-1
SDG: 108459

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: 480-108459-1
SDG: 108459

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-108459-1	MW-2	Water	10/24/16 15:50	10/26/16 12:25
480-108459-2	MW-3	Water	10/25/16 11:40	10/26/16 12:25
480-108459-3	MW-4	Water	10/25/16 13:50	10/26/16 12:25
480-108459-4	MW-6	Water	10/24/16 13:00	10/26/16 12:25
480-108459-5	MW-10	Water	10/24/16 14:05	10/26/16 12:25
480-108459-6	MW-11	Water	10/24/16 15:00	10/26/16 12:25
480-108459-7	MW-12	Water	10/24/16 12:15	10/26/16 12:25
480-108459-8	MW-16S	Water	10/26/16 08:15	10/26/16 12:25
480-108459-9	Duplicate	Water	10/24/16 09:00	10/26/16 12:25
480-108459-10	Rinse	Water	10/24/16 08:30	10/26/16 12:25
480-108459-11	MW-16D	Water	10/26/16 08:50	10/26/16 12:25
480-108459-12	MW-13S	Water	10/25/16 14:35	10/26/16 12:25
480-108459-13	MW-8R	Water	10/25/16 12:15	10/26/16 12:25
480-108459-14	MW-13D	Water	10/25/16 15:20	10/26/16 12:25
480-108459-15	Trip Blank	Water	10/24/16 06:30	10/26/16 12:25
480-108538-1	DPT-8	Water	10/27/16 11:30	10/27/16 12:50
480-108538-2	GWCT	Water	10/27/16 11:45	10/27/16 12:50
480-108538-3	DPT-1	Water	10/27/16 08:30	10/27/16 12:50
480-108538-4	DPT-3	Water	10/27/16 09:30	10/27/16 12:50
480-108538-5	DPT-4	Water	10/27/16 10:00	10/27/16 12:50
480-108538-6	DPT-5	Water	10/27/16 10:30	10/27/16 12:50
480-108538-7	DPT-7	Water	10/27/16 11:00	10/27/16 12:50
480-108538-8	Trip Blank	Water	10/27/16 00:00	10/27/16 12:50

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-108459-1
SDG Number: 108459

Login Number: 108459
List Number: 1
Creator: Conway, Curtis R

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.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-108459-1
SDG Number: 108459

Login Number: 108538
List Number: 1
Creator: Janish, Carl 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.	N/A	
Chlorine Residual checked.	N/A	

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Dino Zack	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-87408-3450.1
Client Contact: Mr. Dino Zack	Phone: 716 866 8222	E-Mail: brian.fischer@testamericainc.com		Page: Page 1 of 3
Company: AECOM, Inc.				Job #:
Address: 257 West Genesee Street Suite 400	Due Date Requested: STD - Per PO			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202-2657				
Phone: 716 866 8222	PO #: Purchase Order not requir			
Email: dino.zack@aecom.com	WO #:			
Project Name: Scott Aviation site	Project #: 48002539			
Site: New York	SSOW#:			

Analysis Requested

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, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V, W, Z, Other:

480-108459 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-2	10/24/16	1550	G	Water	N		X	3	
MW-3	10/25/16	1140	G	Water	N		X	3	
MW-4	10/25/16	1350	G	Water	N		X	3	
MW-6	10/24/16	1300	G	Water	N		X	3	
MW-10	10/24/16	14:05	G	Water	N		X	3	
MW-11	10/24/16	15:00	G	Water	N		X	3	
MW-12	10/24/16	12:15	G	Water	N		X	3	
MW-16S	10/24/16	0815	G	Water	N		X	3	
Duplicate	10/24/16	0900	G	Water	N		X	3	
Rinse	10/24/16	0830	G	Water	N		X	3	
MW-16D	10/24/16	0850	G	Water	N		X	3	

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)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Dino Zack	10/26/16 1004	AECOM		10/26/16 10:04	TAL
2		10/26/16 12:25	TAL		10-26-16 1225	TAL
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.5 #1

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Dino Zack	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-87408-3450.2
Client Contact: Mr. Dino Zack	Phone: 716 866 8222	E-Mail: brian.fischer@testamericainc.com		Page: Page 2 of 3
Company: AECOM, Inc.				Job #:
Address: 257 West Genesee Street Suite 400	Due Date Requested: STD			
City: Buffalo	TAT Requested (days): Dr Po			
State, Zip: NY, 14202-2657				
Phone: 716 866 8222	PO #: Purchase Order not requir			
Email: dino.zack@aecom.com	WO #:			
Project Name: Scott Aviation site	Project #: 48002539			
Site: New York	SSOW#:			

Analysis Requested

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
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-13S	10/25/16	~~1535~~ 1035	G	Water	N		X	3	
MW-8R	10/25/16	1215	G	Water	N		X	3	
MW-13D	10/25/16	1520	G	Water	N		X	3	
~~GWCT~~				Water	N				
Trip	10/24/16	0630	G	Water	N		X	2	
~~DPT-1~~				Water					
~~DPT-2~~				Water					
~~DPT-3~~				Water					
~~DPT-4~~				Water					
~~DPT-5~~				Water					
~~DPT-7~~				Water					

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)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/26/16 1004	AECOM		10/26/16 10:04	TAB
2		10/26/16 12:25	TAB			
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Buffalo
10 Hazelwood Drive,
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Dino Zack	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-87408-3450.3
Client Contact: Mr. Dino Zack	Phone: 716 866 8222	E-Mail: brian.fischer@testamericainc.com		Page: Page 3 of 3 1 of 1
Company: AECOM, Inc.				Job #:
Address: 257 West Genesee Street Suite 400	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Buffalo	TAT Requested (days): Per PO			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, M - Hexane, N - None, Other:
State, Zip: NY, 14202-2657	PO #: Purchase Order not requir			480-108538 COC
Phone: 716/866/8222	WO #:			
Email: dino.zack@aecom.com	Project #: 48002539			
Project Name: Scott Aviation site	SSOW#:			
Site: New York				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
DPT-8	10/27/16	1130	G	Water	N		X	3	
GWCT	10/27/16	1145	G	Water	N		X	3	
DPT-1	10/27/16	0830	G	Water	N		X	3	
~~DPT-2~~	10/27/16	0915	G	~~Water~~	N		X	3	No Sample collected
DPT-3	10/27/16	0930	G	Water	N		X	3	
DPT-4	10/27/16	1000	G	Water	N		X	3	
DPT-5	10/27/16	1030	G	Water	N		X	3	
DPT-7	10/27/16	1100	G	Water	N		X	3	

DER

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)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) PDER SDW

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/27/16 1200hrs	AECOM		10/27/16 1215	TAB
2		10/27/16 1250	TAB		10/27/16 1250	
3						

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.0 B

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11/9/2016

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

TestAmerica Job ID: 200-35962-1
Client Project/Site: Scott Aviation site

For:
AECOM, Inc.
257 West Genesee Street
Suite 400
Buffalo, New York 14202-2657

Attn: Mr. Dino Zack

Joseph V. Giacomazza

Authorized for release by:
11/4/2016 3:29:27 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

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.

Table of Contents

Definitions/Glossary

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

TestAmerica Job ID: 200-35962-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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)

Job ID: 200-35962-1

Laboratory: TestAmerica Burlington

Narrative

Job Narrative
200-35962-1

Receipt
The samples were received on 10/27/2016 12:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice.

Air Toxics
Method(s) TO-15: The laboratory control sample (LCS) for analytical batch 200-110806 recovered outside control limits for the following analytes: Methyl Butyl Ketone (2-Hexanone). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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: 200-35962-1

Client Sample ID: AS EFFLUENT 4Q16

Lab Sample ID: 200-35962-1

Date Collected: 10/24/16 07:00
Matrix: Air
Date Received: 10/27/16 12:10
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	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,1,2-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,1-Dichloroethane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,1-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50	ppb v/v			11/01/16 21:07	1
1,2,4-Trimethylbenzene	**0.42**		0.20	0.20	ppb v/v			11/01/16 21:07	1
1,2-Dibromoethane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,2-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,2-Dichloroethane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,2-Dichloroethene, Total	**0.91**		0.40	0.40	ppb v/v			11/01/16 21:07	1
1,2-Dichloropropane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,3-Butadiene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,3-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,4-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
1,4-Dioxane	5.0	U	5.0	5.0	ppb v/v			11/01/16 21:07	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
2-Chlorotoluene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
3-Chloropropene	0.50	U	0.50	0.50	ppb v/v			11/01/16 21:07	1
4-Ethyltoluene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Acetone	5.0	U	5.0	5.0	ppb v/v			11/01/16 21:07	1
Benzene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Bromodichloromethane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Bromoform	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Bromomethane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Carbon disulfide	0.50	U	0.50	0.50	ppb v/v			11/01/16 21:07	1
Carbon tetrachloride	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Chlorobenzene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Chloroethane	**3.0**		0.50	0.50	ppb v/v			11/01/16 21:07	1
Chloroform	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Chloromethane	**0.55**		0.50	0.50	ppb v/v			11/01/16 21:07	1
cis-1,2-Dichloroethene	**0.91**		0.20	0.20	ppb v/v			11/01/16 21:07	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Cyclohexane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Dibromochloromethane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Dichlorodifluoromethane	0.50	U	0.50	0.50	ppb v/v			11/01/16 21:07	1
Ethylbenzene	**0.21**		0.20	0.20	ppb v/v			11/01/16 21:07	1
Freon TF	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Hexachlorobutadiene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Isopropyl alcohol	5.0	U	5.0	5.0	ppb v/v			11/01/16 21:07	1
m,p-Xylene	**0.82**		0.50	0.50	ppb v/v			11/01/16 21:07	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U *	0.50	0.50	ppb v/v			11/01/16 21:07	1
Methyl Ethyl Ketone	0.50	U	0.50	0.50	ppb v/v			11/01/16 21:07	1
methyl isobutyl ketone	0.50	U	0.50	0.50	ppb v/v			11/01/16 21:07	1
Methyl tert-butyl ether	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1

Client Sample ID: AS EFFLUENT 4Q16
Date Collected: 10/24/16 07:00
Date Received: 10/27/16 12:10
Sample Container: Summa Canister 6L

Lab Sample ID: 200-35962-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.50	U	0.50	0.50	ppb v/v			11/01/16 21:07	1
n-Heptane	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
n-Hexane	**0.30**		0.20	0.20	ppb v/v			11/01/16 21:07	1
Styrene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
tert-Butyl alcohol	5.0	U	5.0	5.0	ppb v/v			11/01/16 21:07	1
Tetrachloroethene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Tetrahydrofuran	5.0	U	5.0	5.0	ppb v/v			11/01/16 21:07	1
Toluene	**0.90**		0.20	0.20	ppb v/v			11/01/16 21:07	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Trichloroethene	**0.75**		0.20	0.20	ppb v/v			11/01/16 21:07	1
Trichlorofluoromethane	**0.22**		0.20	0.20	ppb v/v			11/01/16 21:07	1
Vinyl chloride	0.20	U	0.20	0.20	ppb v/v			11/01/16 21:07	1
Xylene (total)	**1.1**		0.70	0.70	ppb v/v			11/01/16 21:07	1
Xylene, o-	**0.30**		0.20	0.20	ppb v/v			11/01/16 21:07	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	1.1	ug/m3			11/01/16 21:07	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	1.4	ug/m3			11/01/16 21:07	1
1,1,2-Trichloroethane	1.1	U	1.1	1.1	ug/m3			11/01/16 21:07	1
1,1-Dichloroethane	0.81	U	0.81	0.81	ug/m3			11/01/16 21:07	1
1,1-Dichloroethene	0.79	U	0.79	0.79	ug/m3			11/01/16 21:07	1
1,2,4-Trichlorobenzene	3.7	U	3.7	3.7	ug/m3			11/01/16 21:07	1
1,2,4-Trimethylbenzene	**2.1**		0.98	0.98	ug/m3			11/01/16 21:07	1
1,2-Dibromoethane	1.5	U	1.5	1.5	ug/m3			11/01/16 21:07	1
1,2-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			11/01/16 21:07	1
1,2-Dichloroethane	0.81	U	0.81	0.81	ug/m3			11/01/16 21:07	1
1,2-Dichloroethene, Total	**3.6**		1.6	1.6	ug/m3			11/01/16 21:07	1
1,2-Dichloropropane	0.92	U	0.92	0.92	ug/m3			11/01/16 21:07	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	1.4	ug/m3			11/01/16 21:07	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			11/01/16 21:07	1
1,3-Butadiene	0.44	U	0.44	0.44	ug/m3			11/01/16 21:07	1
1,3-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			11/01/16 21:07	1
1,4-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			11/01/16 21:07	1
1,4-Dioxane	18	U	18	18	ug/m3			11/01/16 21:07	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.93	ug/m3			11/01/16 21:07	1
2-Chlorotoluene	1.0	U	1.0	1.0	ug/m3			11/01/16 21:07	1
3-Chloropropene	1.6	U	1.6	1.6	ug/m3			11/01/16 21:07	1
4-Ethyltoluene	0.98	U	0.98	0.98	ug/m3			11/01/16 21:07	1
Acetone	12	U	12	12	ug/m3			11/01/16 21:07	1
Benzene	0.64	U	0.64	0.64	ug/m3			11/01/16 21:07	1
Bromodichloromethane	1.3	U	1.3	1.3	ug/m3			11/01/16 21:07	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.87	ug/m3			11/01/16 21:07	1
Bromoform	2.1	U	2.1	2.1	ug/m3			11/01/16 21:07	1
Bromomethane	0.78	U	0.78	0.78	ug/m3			11/01/16 21:07	1
Carbon disulfide	1.6	U	1.6	1.6	ug/m3			11/01/16 21:07	1
Carbon tetrachloride	1.3	U	1.3	1.3	ug/m3			11/01/16 21:07	1
Chlorobenzene	0.92	U	0.92	0.92	ug/m3			11/01/16 21:07	1
Chloroethane	**7.9**		1.3	1.3	ug/m3			11/01/16 21:07	1

Client Sample ID: AS EFFLUENT 4Q16

Lab Sample ID: 200-35962-1

Date Collected: 10/24/16 07:00

Matrix: Air

Date Received: 10/27/16 12:10

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	0.98	U	0.98	0.98	ug/m3			11/01/16 21:07	1
Chloromethane	**1.1**		1.0	1.0	ug/m3			11/01/16 21:07	1
cis-1,2-Dichloroethene	**3.6**		0.79	0.79	ug/m3			11/01/16 21:07	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			11/01/16 21:07	1
Cyclohexane	0.69	U	0.69	0.69	ug/m3			11/01/16 21:07	1
Dibromochloromethane	1.7	U	1.7	1.7	ug/m3			11/01/16 21:07	1
Dichlorodifluoromethane	2.5	U	2.5	2.5	ug/m3			11/01/16 21:07	1
Ethylbenzene	**0.93**		0.87	0.87	ug/m3			11/01/16 21:07	1
Freon TF	1.5	U	1.5	1.5	ug/m3			11/01/16 21:07	1
Hexachlorobutadiene	2.1	U	2.1	2.1	ug/m3			11/01/16 21:07	1
Isopropyl alcohol	12	U	12	12	ug/m3			11/01/16 21:07	1
m,p-Xylene	**3.5**		2.2	2.2	ug/m3			11/01/16 21:07	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U *	2.0	2.0	ug/m3			11/01/16 21:07	1
Methyl Ethyl Ketone	1.5	U	1.5	1.5	ug/m3			11/01/16 21:07	1
methyl isobutyl ketone	2.0	U	2.0	2.0	ug/m3			11/01/16 21:07	1
Methyl tert-butyl ether	0.72	U	0.72	0.72	ug/m3			11/01/16 21:07	1
Methylene Chloride	1.7	U	1.7	1.7	ug/m3			11/01/16 21:07	1
n-Heptane	0.82	U	0.82	0.82	ug/m3			11/01/16 21:07	1
n-Hexane	**1.0**		0.70	0.70	ug/m3			11/01/16 21:07	1
Styrene	0.85	U	0.85	0.85	ug/m3			11/01/16 21:07	1
tert-Butyl alcohol	15	U	15	15	ug/m3			11/01/16 21:07	1
Tetrachloroethene	1.4	U	1.4	1.4	ug/m3			11/01/16 21:07	1
Tetrahydrofuran	15	U	15	15	ug/m3			11/01/16 21:07	1
Toluene	**3.4**		0.75	0.75	ug/m3			11/01/16 21:07	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.79	ug/m3			11/01/16 21:07	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			11/01/16 21:07	1
Trichloroethene	**4.1**		1.1	1.1	ug/m3			11/01/16 21:07	1
Trichlorofluoromethane	**1.2**		1.1	1.1	ug/m3			11/01/16 21:07	1
Vinyl chloride	0.51	U	0.51	0.51	ug/m3			11/01/16 21:07	1
Xylene (total)	**4.9**		3.0	3.0	ug/m3			11/01/16 21:07	1
Xylene, o-	**1.3**		0.87	0.87	ug/m3			11/01/16 21:07	1

Client Sample ID: LRP EFFLUENT 4Q16

Lab Sample ID: 200-35962-2

Date Collected: 10/24/16 07:00

Matrix: Air

Date Received: 10/27/16 12:10

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	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,1,2,2-Tetrachloroethane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,1,2-Trichloroethane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,1-Dichloroethane	**13**		9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,1-Dichloroethene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,2,4-Trichlorobenzene	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
1,2,4-Trimethylbenzene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,2-Dibromoethane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,2-Dichlorobenzene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,2-Dichloroethane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8

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

TestAmerica Job ID: 200-35962-1

Client Sample ID: LRP EFFLUENT 4Q16
Date Collected: 10/24/16 07:00
Date Received: 10/27/16 12:10
Sample Container: Summa Canister 6L

Lab Sample ID: 200-35962-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	**1100**		19	19	ppb v/v			11/01/16 21:59	47.8
1,2-Dichloropropane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,2-Dichlorotetrafluoroethane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,3,5-Trimethylbenzene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,3-Butadiene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,3-Dichlorobenzene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,4-Dichlorobenzene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
1,4-Dioxane	240	U	240	240	ppb v/v			11/01/16 21:59	47.8
2,2,4-Trimethylpentane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
2-Chlorotoluene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
3-Chloropropene	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
4-Ethyltoluene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Acetone	240	U	240	240	ppb v/v			11/01/16 21:59	47.8
Benzene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Bromodichloromethane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Bromoethene(Vinyl Bromide)	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Bromoform	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Bromomethane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Carbon disulfide	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
Carbon tetrachloride	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Chlorobenzene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Chloroethane	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
Chloroform	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Chloromethane	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
cis-1,2-Dichloroethene	**1100**		9.6	9.6	ppb v/v			11/01/16 21:59	47.8
cis-1,3-Dichloropropene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Cyclohexane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Dibromochloromethane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Dichlorodifluoromethane	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
Ethylbenzene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Freon TF	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Hexachlorobutadiene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Isopropyl alcohol	240	U	240	240	ppb v/v			11/01/16 21:59	47.8
m,p-Xylene	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
Methyl Butyl Ketone (2-Hexanone)	24	U *	24	24	ppb v/v			11/01/16 21:59	47.8
Methyl Ethyl Ketone	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
methyl isobutyl ketone	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
Methyl tert-butyl ether	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Methylene Chloride	24	U	24	24	ppb v/v			11/01/16 21:59	47.8
n-Heptane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
n-Hexane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Styrene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
tert-Butyl alcohol	240	U	240	240	ppb v/v			11/01/16 21:59	47.8
Tetrachloroethene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Tetrahydrofuran	240	U	240	240	ppb v/v			11/01/16 21:59	47.8
Toluene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
trans-1,2-Dichloroethene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
trans-1,3-Dichloropropene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8

Client Sample ID: LRP EFFLUENT 4Q16 — **Lab Sample ID: 200-35962-2**
Date Collected: 10/24/16 07:00 — **Matrix: Air**
Date Received: 10/27/16 12:10
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
Trichloroethene	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Trichlorofluoromethane	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Vinyl chloride	**640**		9.6	9.6	ppb v/v			11/01/16 21:59	47.8
Xylene (total)	33	U	33	33	ppb v/v			11/01/16 21:59	47.8
Xylene, o-	9.6	U	9.6	9.6	ppb v/v			11/01/16 21:59	47.8

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	52	U	52	52	ug/m3			11/01/16 21:59	47.8
1,1,2,2-Tetrachloroethane	66	U	66	66	ug/m3			11/01/16 21:59	47.8
1,1,2-Trichloroethane	52	U	52	52	ug/m3			11/01/16 21:59	47.8
1,1-Dichloroethane	**51**		39	39	ug/m3			11/01/16 21:59	47.8
1,1-Dichloroethene	38	U	38	38	ug/m3			11/01/16 21:59	47.8
1,2,4-Trichlorobenzene	180	U	180	180	ug/m3			11/01/16 21:59	47.8
1,2,4-Trimethylbenzene	47	U	47	47	ug/m3			11/01/16 21:59	47.8
1,2-Dibromoethane	73	U	73	73	ug/m3			11/01/16 21:59	47.8
1,2-Dichlorobenzene	57	U	57	57	ug/m3			11/01/16 21:59	47.8
1,2-Dichloroethane	39	U	39	39	ug/m3			11/01/16 21:59	47.8
1,2-Dichloroethene, Total	**4400**		76	76	ug/m3			11/01/16 21:59	47.8
1,2-Dichloropropane	44	U	44	44	ug/m3			11/01/16 21:59	47.8
1,2-Dichlorotetrafluoroethane	67	U	67	67	ug/m3			11/01/16 21:59	47.8
1,3,5-Trimethylbenzene	47	U	47	47	ug/m3			11/01/16 21:59	47.8
1,3-Butadiene	21	U	21	21	ug/m3			11/01/16 21:59	47.8
1,3-Dichlorobenzene	57	U	57	57	ug/m3			11/01/16 21:59	47.8
1,4-Dichlorobenzene	57	U	57	57	ug/m3			11/01/16 21:59	47.8
1,4-Dioxane	860	U	860	860	ug/m3			11/01/16 21:59	47.8
2,2,4-Trimethylpentane	45	U	45	45	ug/m3			11/01/16 21:59	47.8
2-Chlorotoluene	49	U	49	49	ug/m3			11/01/16 21:59	47.8
3-Chloropropene	75	U	75	75	ug/m3			11/01/16 21:59	47.8
4-Ethyltoluene	47	U	47	47	ug/m3			11/01/16 21:59	47.8
Acetone	570	U	570	570	ug/m3			11/01/16 21:59	47.8
Benzene	31	U	31	31	ug/m3			11/01/16 21:59	47.8
Bromodichloromethane	64	U	64	64	ug/m3			11/01/16 21:59	47.8
Bromoethene(Vinyl Bromide)	42	U	42	42	ug/m3			11/01/16 21:59	47.8
Bromoform	99	U	99	99	ug/m3			11/01/16 21:59	47.8
Bromomethane	37	U	37	37	ug/m3			11/01/16 21:59	47.8
Carbon disulfide	74	U	74	74	ug/m3			11/01/16 21:59	47.8
Carbon tetrachloride	60	U	60	60	ug/m3			11/01/16 21:59	47.8
Chlorobenzene	44	U	44	44	ug/m3			11/01/16 21:59	47.8
Chloroethane	63	U	63	63	ug/m3			11/01/16 21:59	47.8
Chloroform	47	U	47	47	ug/m3			11/01/16 21:59	47.8
Chloromethane	49	U	49	49	ug/m3			11/01/16 21:59	47.8
cis-1,2-Dichloroethene	**4300**		38	38	ug/m3			11/01/16 21:59	47.8
cis-1,3-Dichloropropene	43	U	43	43	ug/m3			11/01/16 21:59	47.8
Cyclohexane	33	U	33	33	ug/m3			11/01/16 21:59	47.8
Dibromochloromethane	81	U	81	81	ug/m3			11/01/16 21:59	47.8
Dichlorodifluoromethane	120	U	120	120	ug/m3			11/01/16 21:59	47.8
Ethylbenzene	42	U	42	42	ug/m3			11/01/16 21:59	47.8
Freon TF	73	U	73	73	ug/m3			11/01/16 21:59	47.8
Hexachlorobutadiene	100	U	100	100	ug/m3			11/01/16 21:59	47.8

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

TestAmerica Job ID: 200-35962-1

Client Sample ID: LRP EFFLUENT 4Q16
Date Collected: 10/24/16 07:00
Date Received: 10/27/16 12:10
Sample Container: Summa Canister 6L

Lab Sample ID: 200-35962-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	590	U	590	590	ug/m3			11/01/16 21:59	47.8
m,p-Xylene	100	U	100	100	ug/m3			11/01/16 21:59	47.8
Methyl Butyl Ketone (2-Hexanone)	98	U *	98	98	ug/m3			11/01/16 21:59	47.8
Methyl Ethyl Ketone	70	U	70	70	ug/m3			11/01/16 21:59	47.8
methyl isobutyl ketone	98	U	98	98	ug/m3			11/01/16 21:59	47.8
Methyl tert-butyl ether	34	U	34	34	ug/m3			11/01/16 21:59	47.8
Methylene Chloride	83	U	83	83	ug/m3			11/01/16 21:59	47.8
n-Heptane	39	U	39	39	ug/m3			11/01/16 21:59	47.8
n-Hexane	34	U	34	34	ug/m3			11/01/16 21:59	47.8
Styrene	41	U	41	41	ug/m3			11/01/16 21:59	47.8
tert-Butyl alcohol	720	U	720	720	ug/m3			11/01/16 21:59	47.8
Tetrachloroethene	65	U	65	65	ug/m3			11/01/16 21:59	47.8
Tetrahydrofuran	700	U	700	700	ug/m3			11/01/16 21:59	47.8
Toluene	36	U	36	36	ug/m3			11/01/16 21:59	47.8
trans-1,2-Dichloroethene	38	U	38	38	ug/m3			11/01/16 21:59	47.8
trans-1,3-Dichloropropene	43	U	43	43	ug/m3			11/01/16 21:59	47.8
Trichloroethene	51	U	51	51	ug/m3			11/01/16 21:59	47.8
Trichlorofluoromethane	54	U	54	54	ug/m3			11/01/16 21:59	47.8
Vinyl chloride	**1600**		24	24	ug/m3			11/01/16 21:59	47.8
Xylene (total)	150	U	150	150	ug/m3			11/01/16 21:59	47.8
Xylene, o-	42	U	42	42	ug/m3			11/01/16 21:59	47.8

Lab Chronicle

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

TestAmerica Job ID: 200-35962-1

Client Sample ID: AS EFFLUENT 4Q16

Lab Sample ID: 200-35962-1

Date Collected: 10/24/16 07:00

Matrix: Air

Date Received: 10/27/16 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	110806	11/01/16 21:07	K1P	TAL BUR

Client Sample ID: LRP EFFLUENT 4Q16

Lab Sample ID: 200-35962-2

Date Collected: 10/24/16 07:00

Matrix: Air

Date Received: 10/27/16 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		47.8	110806	11/01/16 21:59	K1P	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: 200-35962-1

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	06-30-17
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	10-31-17
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.

Method Summary

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

TestAmerica Job ID: 200-35962-1

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: 200-35962-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-35962-1	AS EFFLUENT 4Q16	Air	10/24/16 07:00	10/27/16 12:10
200-35962-2	LRP EFFLUENT 4Q16	Air	10/24/16 07:00	10/27/16 12:10

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

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

Client Contact Information	Project Manager: Dino Zack	**Samples Collected By:** DLZ	1 of 1 COCs
Company: AECOM	Phone: 716 866 8222		
Address: 257 West Genesee St	Email: dino.zack@aecom.com		
City/State/Zip: Buffalo, NY 14202			
Phone: 716-866-8222	Site Contact: B. Fischer		
FAX:	TA Contact:		
Project Name: Scott Aviation 4Q16	**Analysis Turnaround Time**		
Site: NY	Standard (Specify) STD		
PO #	Rush (Specify)		

200-35962 COC

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
AS Effluent 4Q16	10/24/16	0706	0700	-28.5		NA	3654	X											X
LRP Effluent 4Q16	10/24/16	0700	0700	-28.6		NA	4356	X											

	Temperature (Fahrenheit)		
	Interior	Ambient	
Start			
Stop			

	Pressure (inches of Hg)		
	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:

Samples Shipped by: DLZ	Date/Time: 10/24/16 0800 hrs	Samples Received by:	10/24/16 1210
Samples Relinquished by:	Date/Time:	Received by:	
Relinquished by:	Date/Time:	Received by:	

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST , NY 14228
UNITED STATES US

SHIP DATE: 26OCT16
ACTWGT: 12.9 LB
CAD: 846654/CAFE2915

BILL RECIPIENT

TO SAMPLE MGT.
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990 REF: BURLINGTON
DEPT: SAMPLE CONTROL

FedEx Express

TRK# 0201 5657 0121 0507

THU - 27 OCT 3:00P
STANDARD OVERNIGHT

NC BTVA

05403
VT-US BTV

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 200-35962-1

Login Number: 35962
List Number: 1
Creator: Lavigne III, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	712131, 132
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 <6mm (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: 200-35962-1

Login Number: 35962
List Number: 2
Creator: Lavigne III, Scott M

List Source: TestAmerica Burlington

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.		

AECOM

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

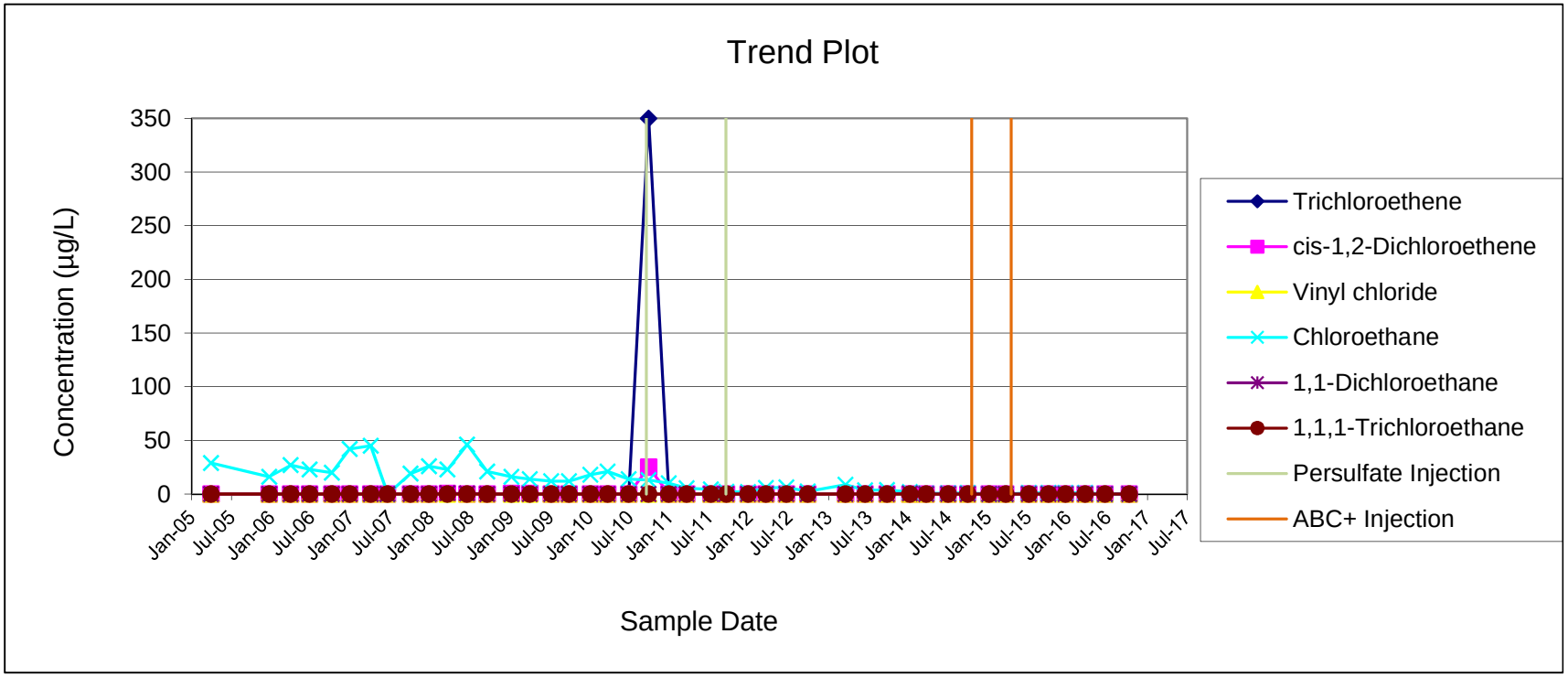
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25
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
10/24/2016	<1	<1	<1	<1	<1	<1

MONITORING WELL MW-2

SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site

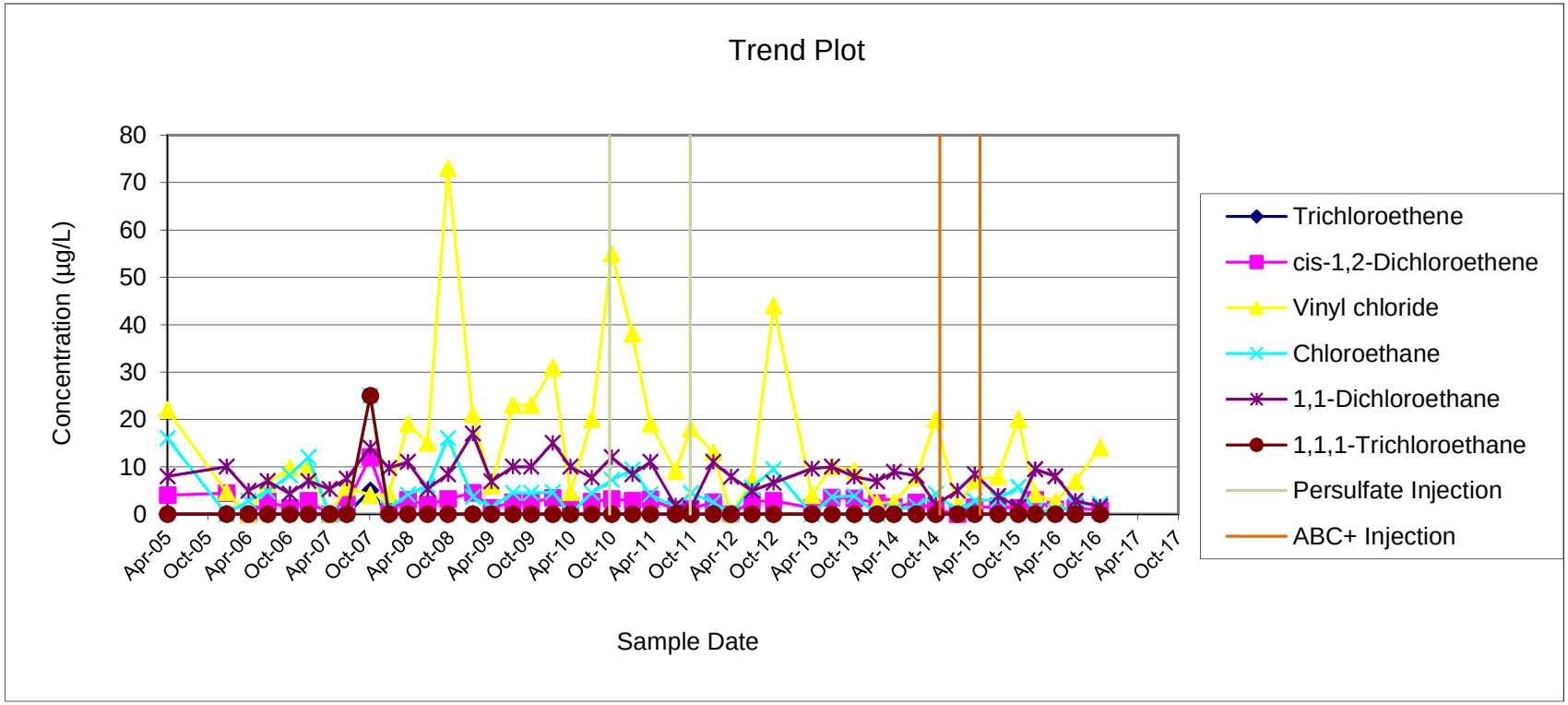
Lancaster, New York



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
10/25/2016	<1	0.81	14	2.2	1.6	<1

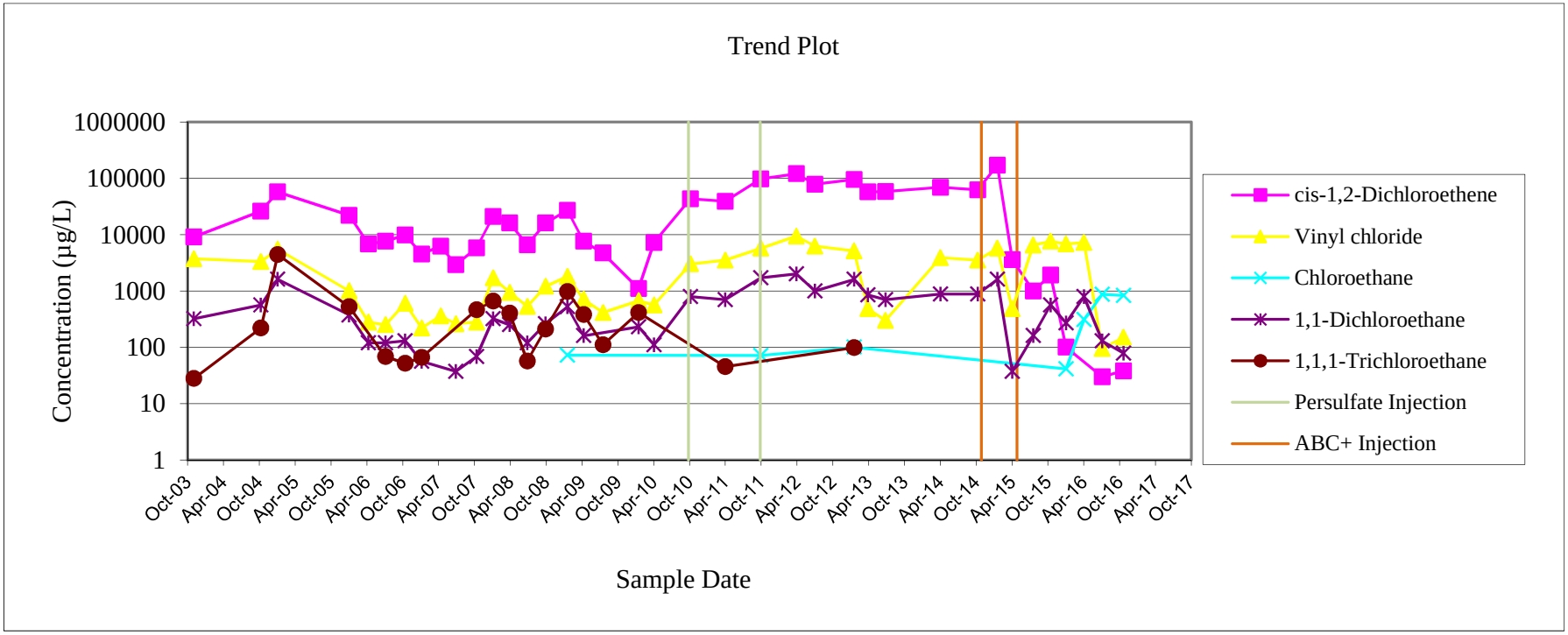
MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
10/25/2016	<20	38	150	830	78	<20

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

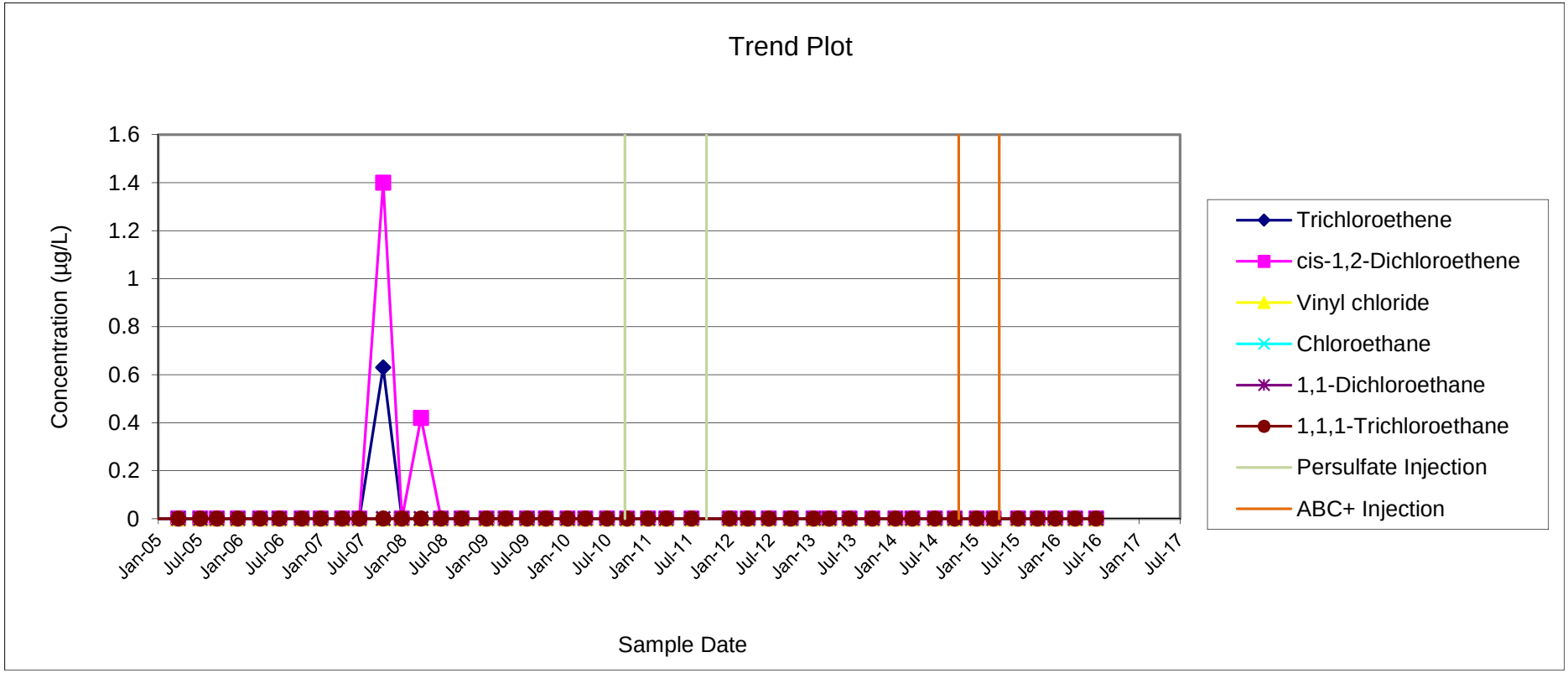


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

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

	Analytical Results (µg/L)					
Sample Date	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
10/24/2016	<1	<1	<1	<1	<1	<1

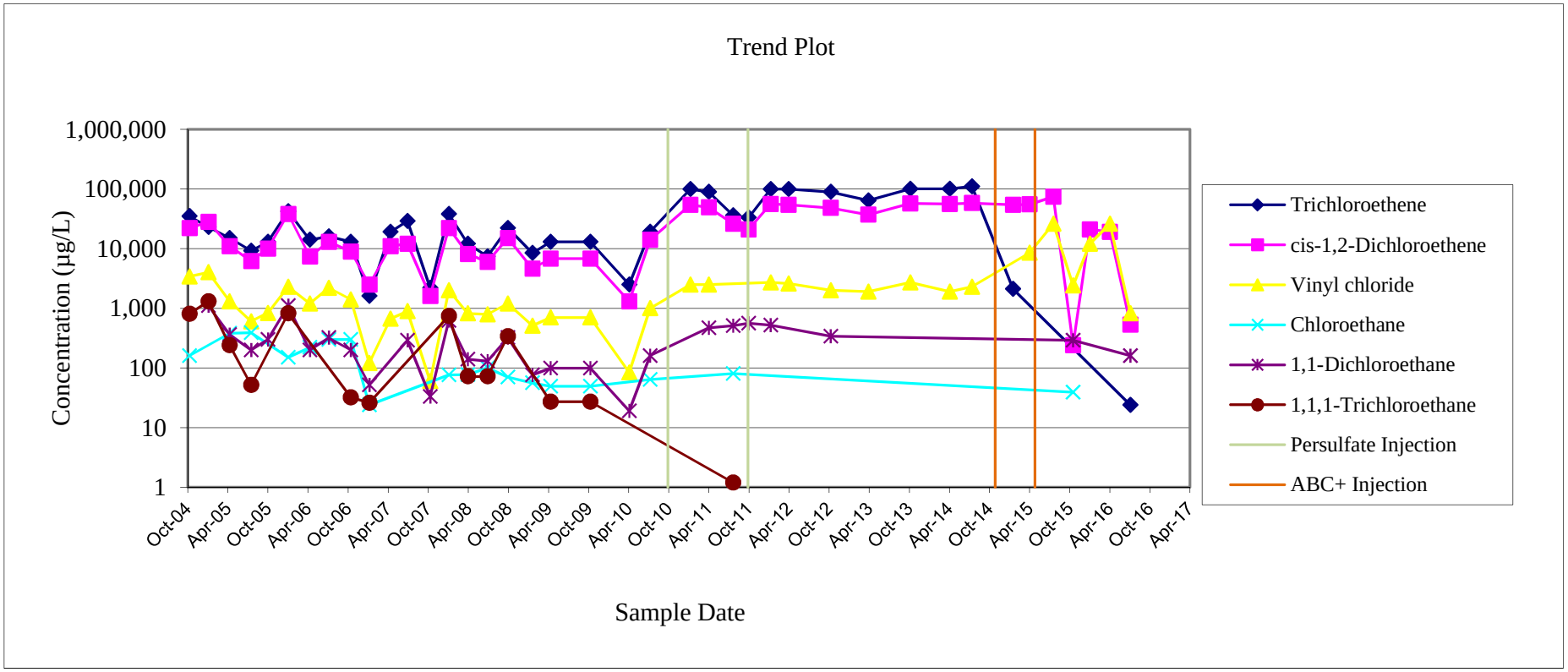
MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
10/25/2016	<100	710	4,700	<100	170	<100

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

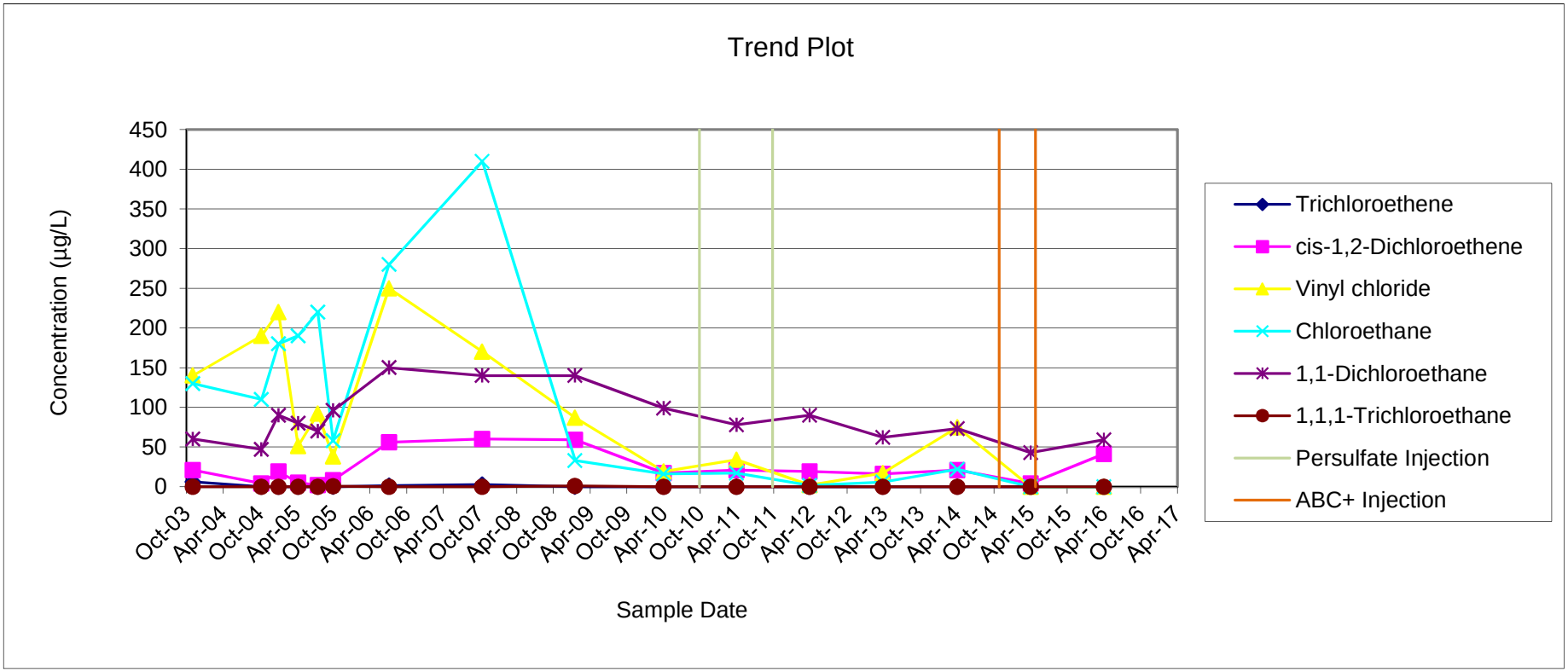


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

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

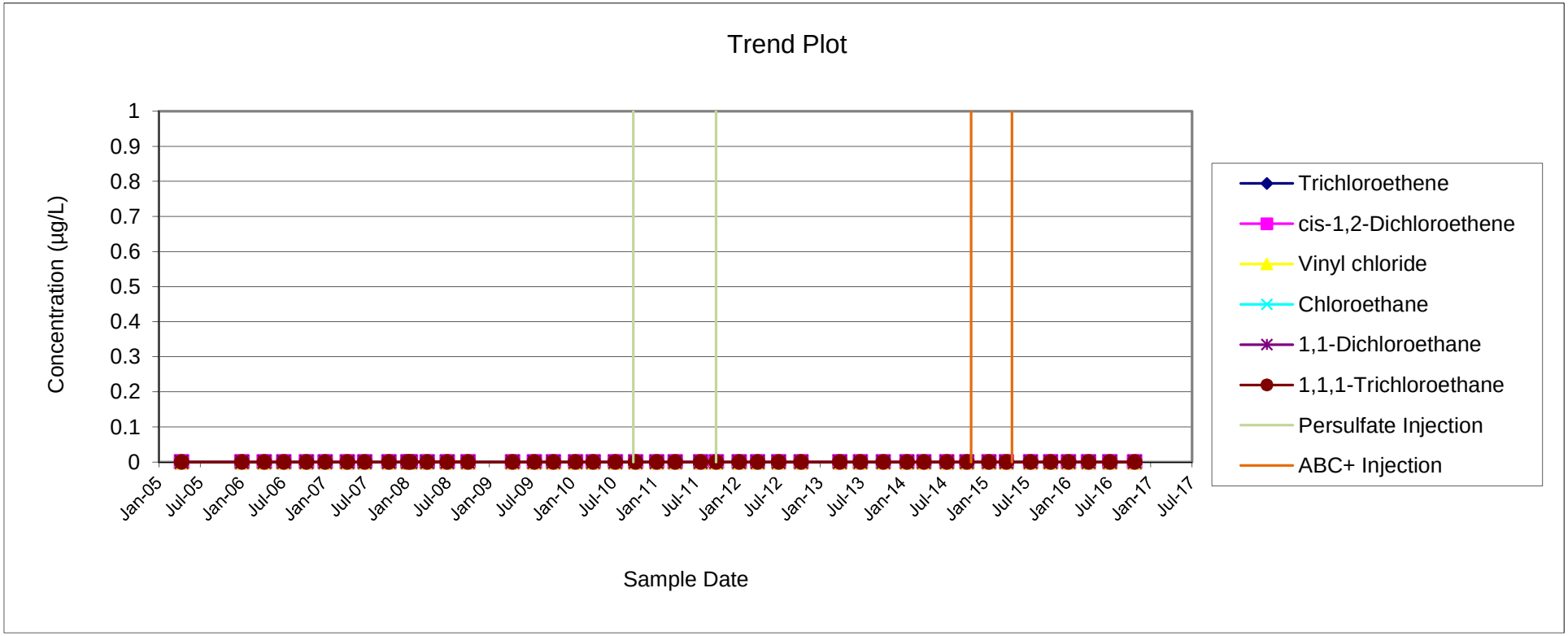
MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	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
10/24/2016	<1	<1	<1	<1	<1	<1

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



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

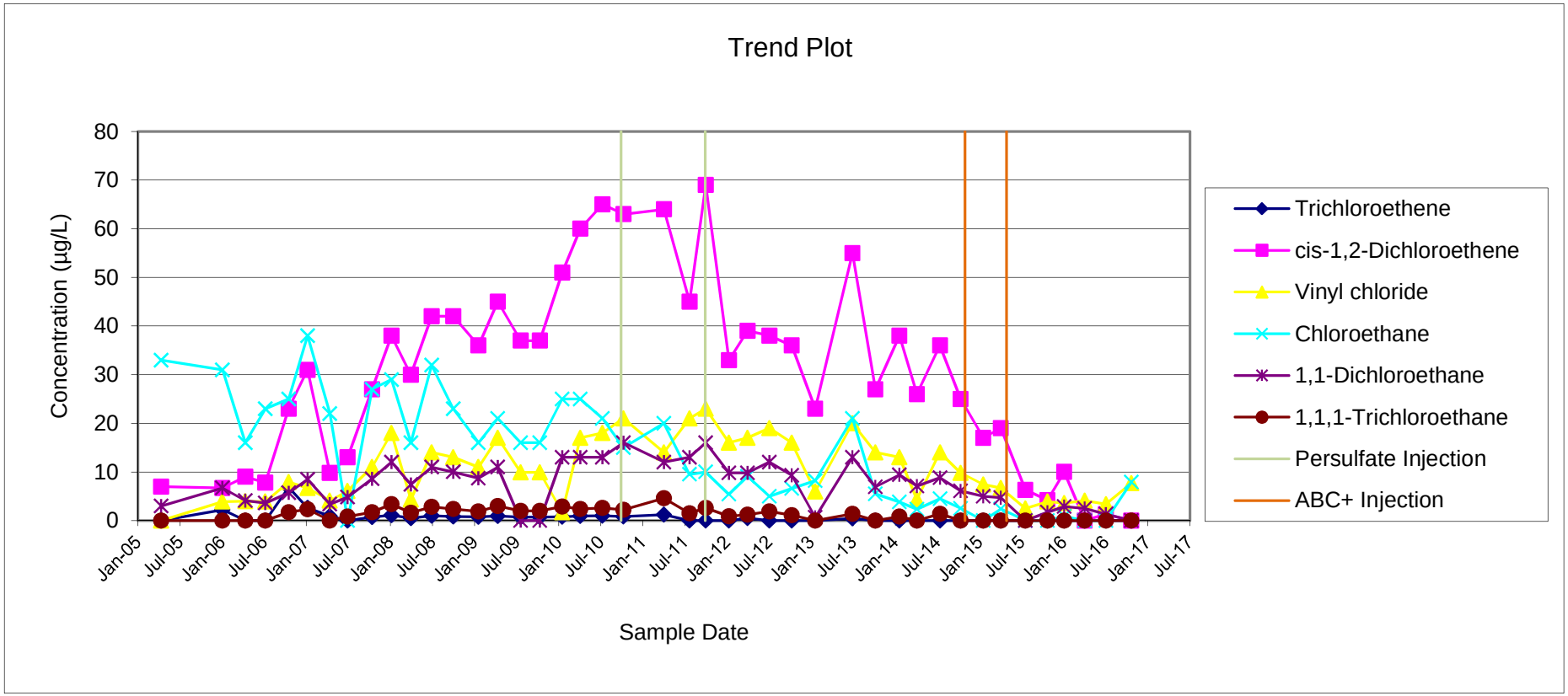
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	7	< 10	33	3	< 10
1/5/2006	2.2	6.7	3.9	31	6.7	<20
4/14/2006	< 20	9	4	16	4.1	< 20
7/10/2006	< 20	7.8	3.9	23	3.6	< 20
10/19/2006	6.8	23	7.9	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
10/24/2016	<1	<1	7.7	7.9	<1	<1

MONITORING WELL MW-11

SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site

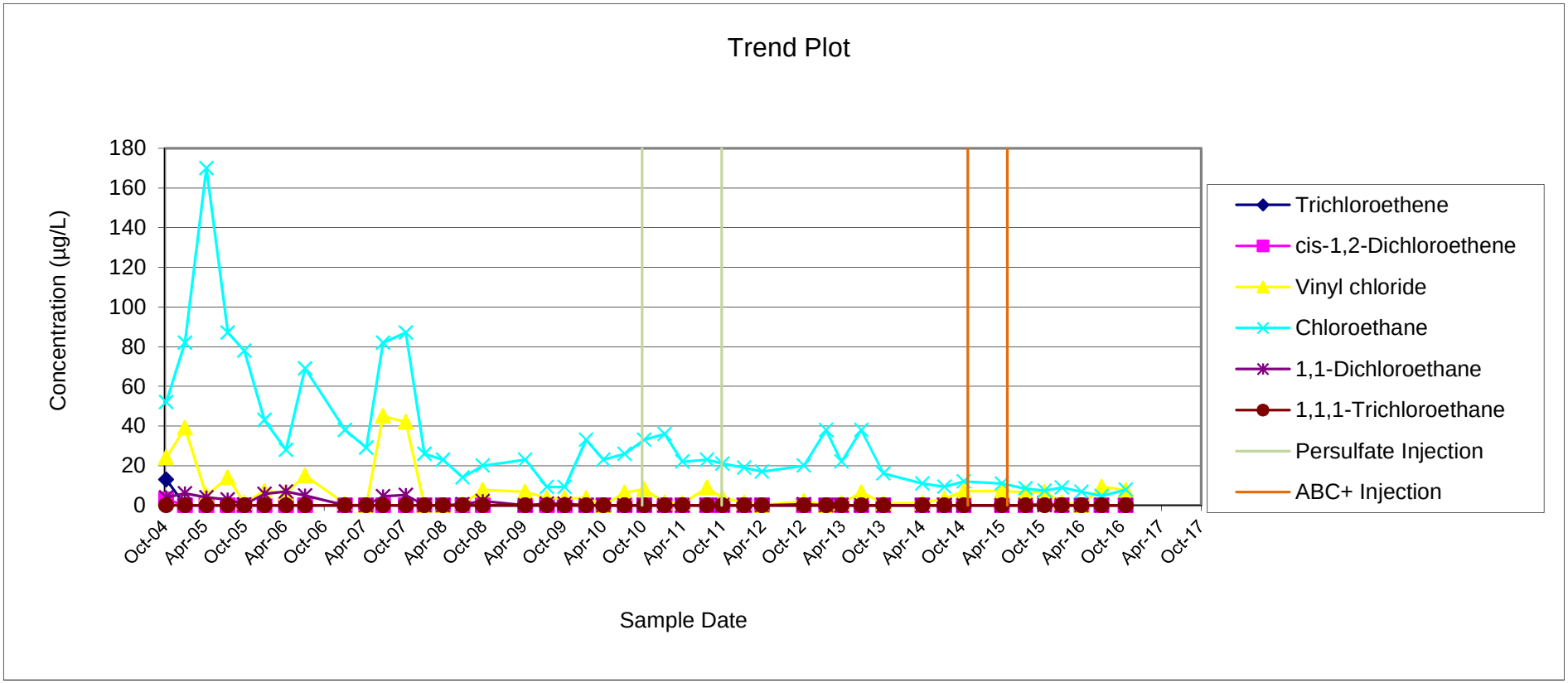
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	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
10/24/2016	<1	<1	7.7	7.9	<1	<1

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



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

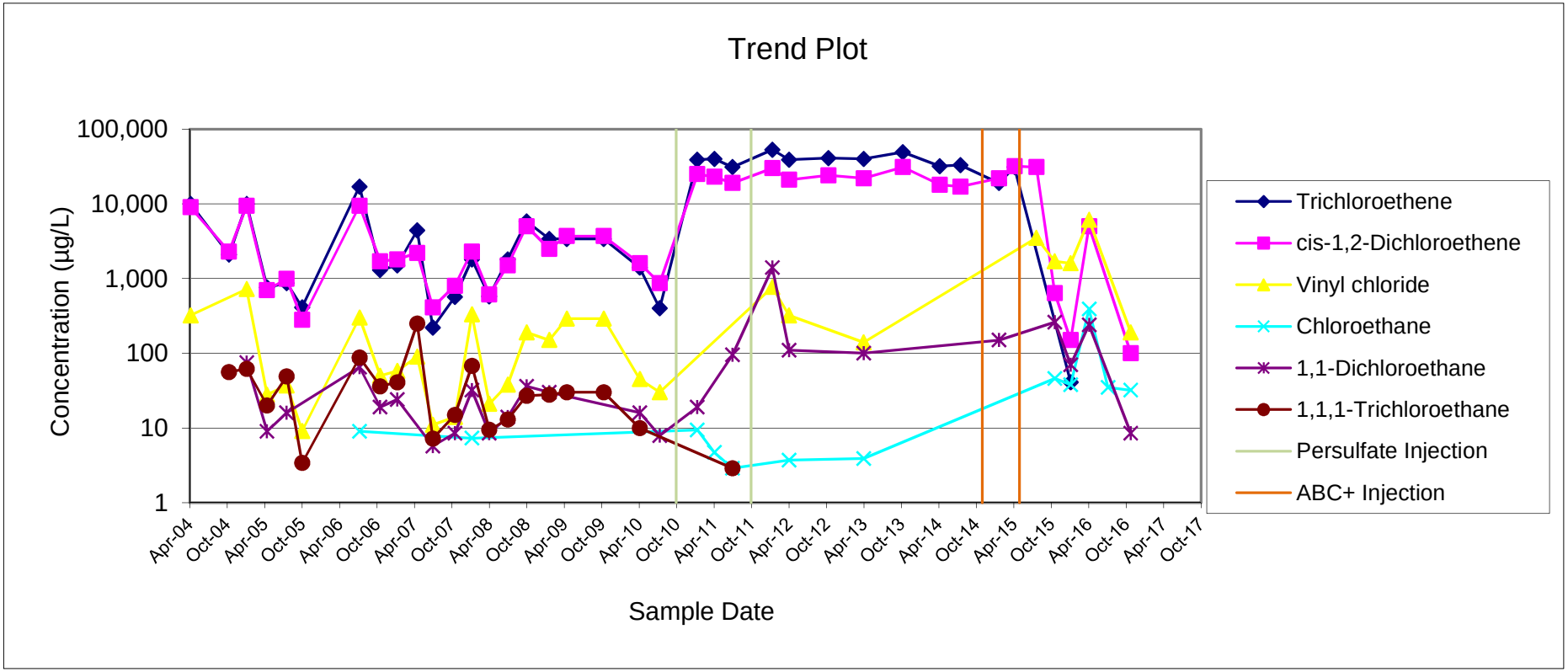
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 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
10/25/2016	<2	100	190	32	8.5	<2

MONITORING WELL MW-13S

SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site

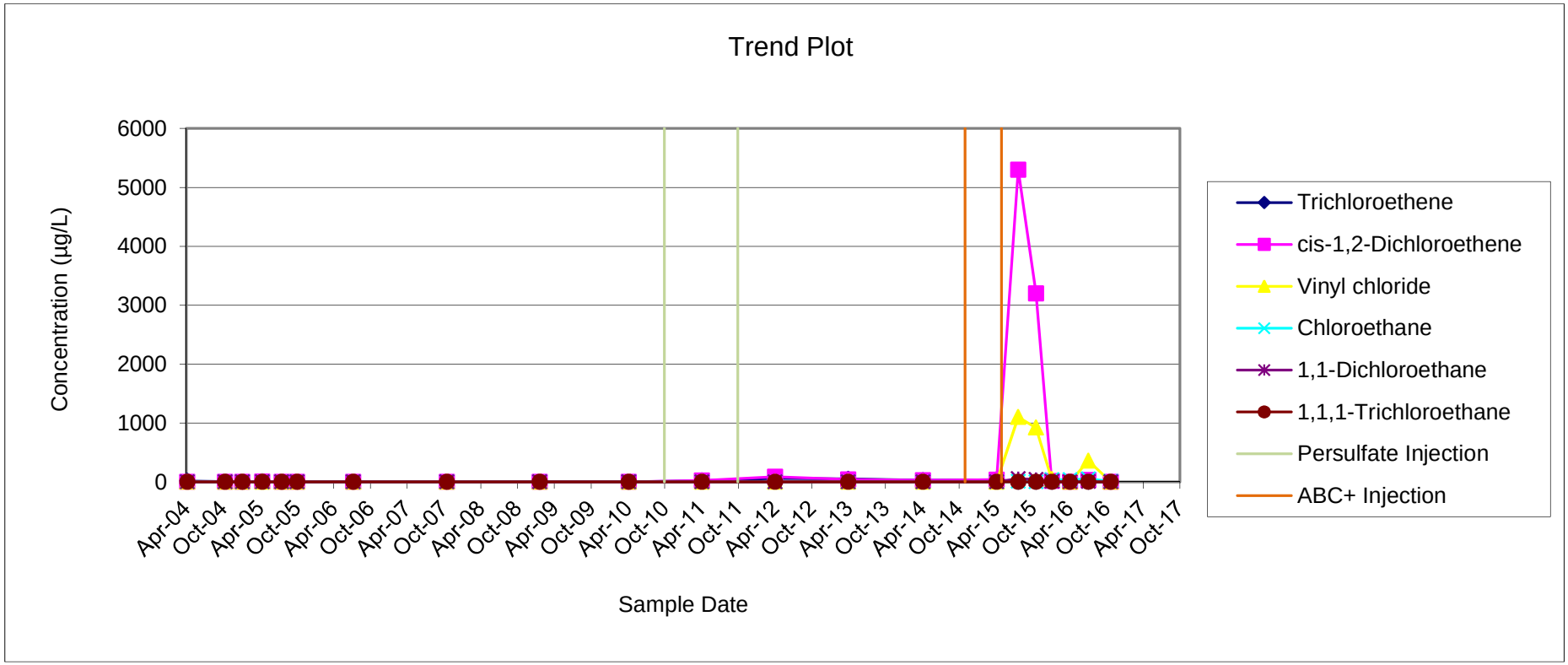
Lancaster, New York



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
10/25/2016	0.47	1	<1	12	<1	<1

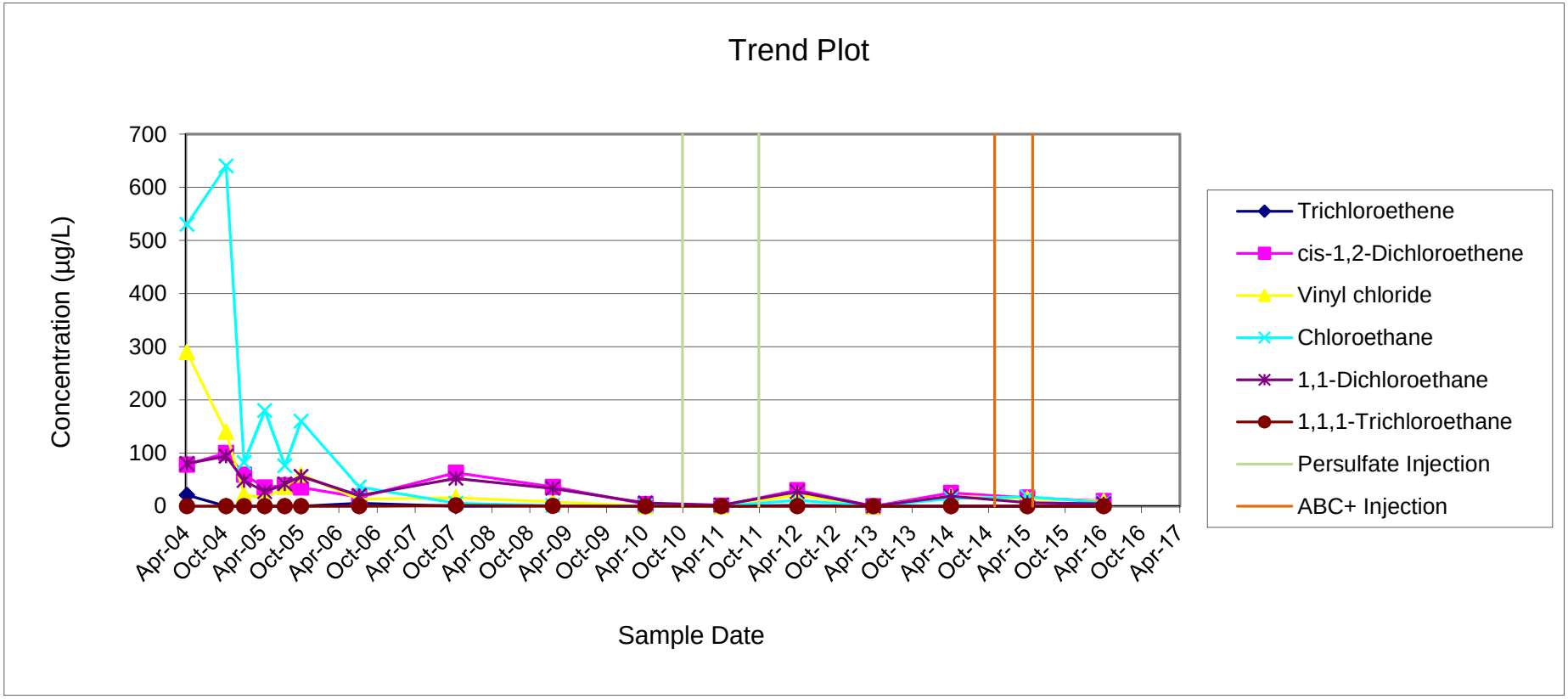
PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	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

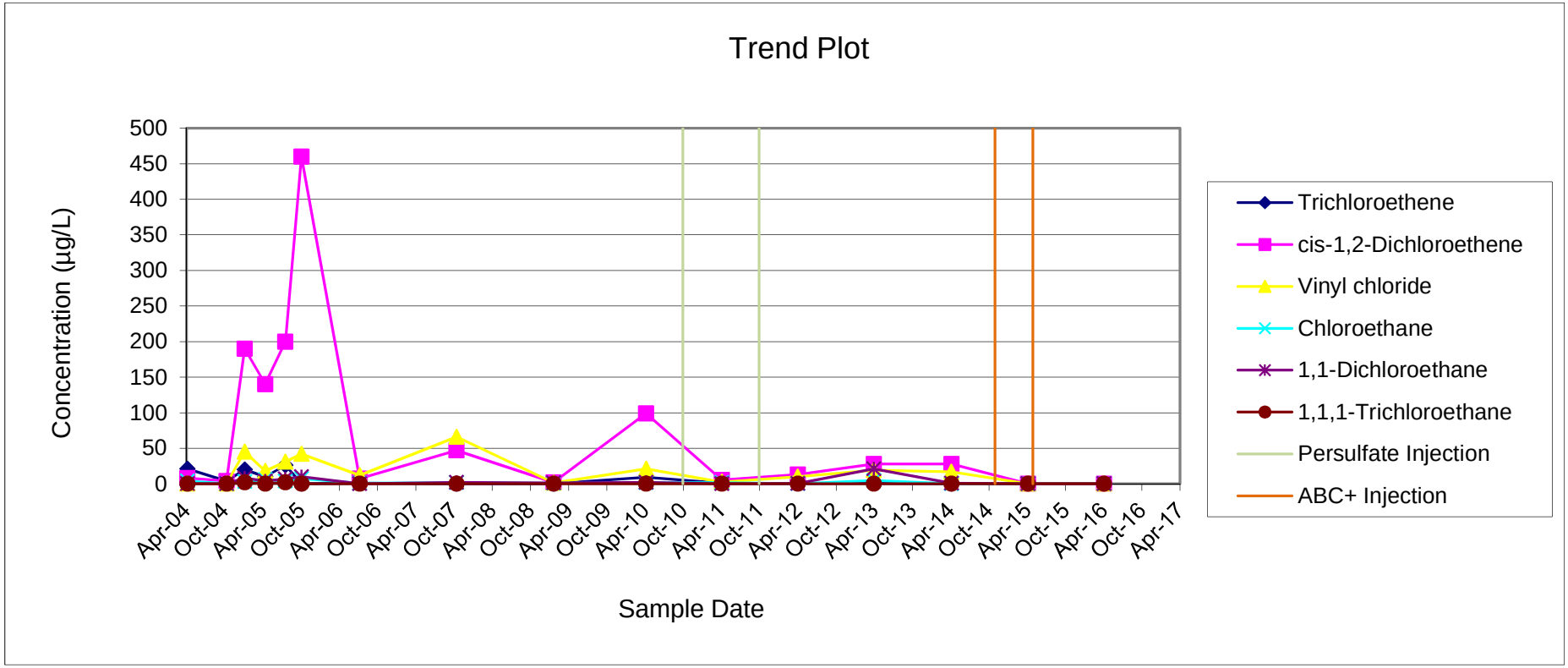
PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

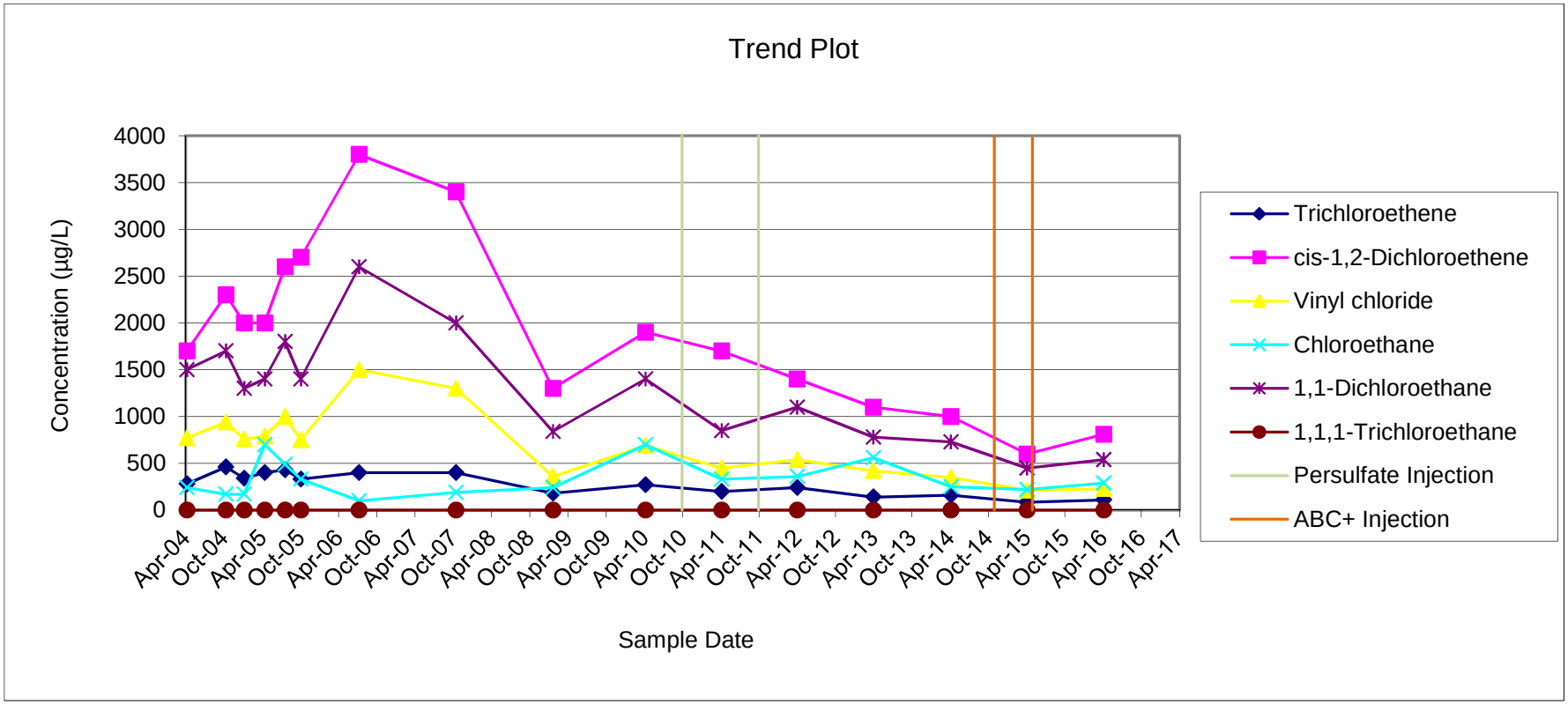
PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

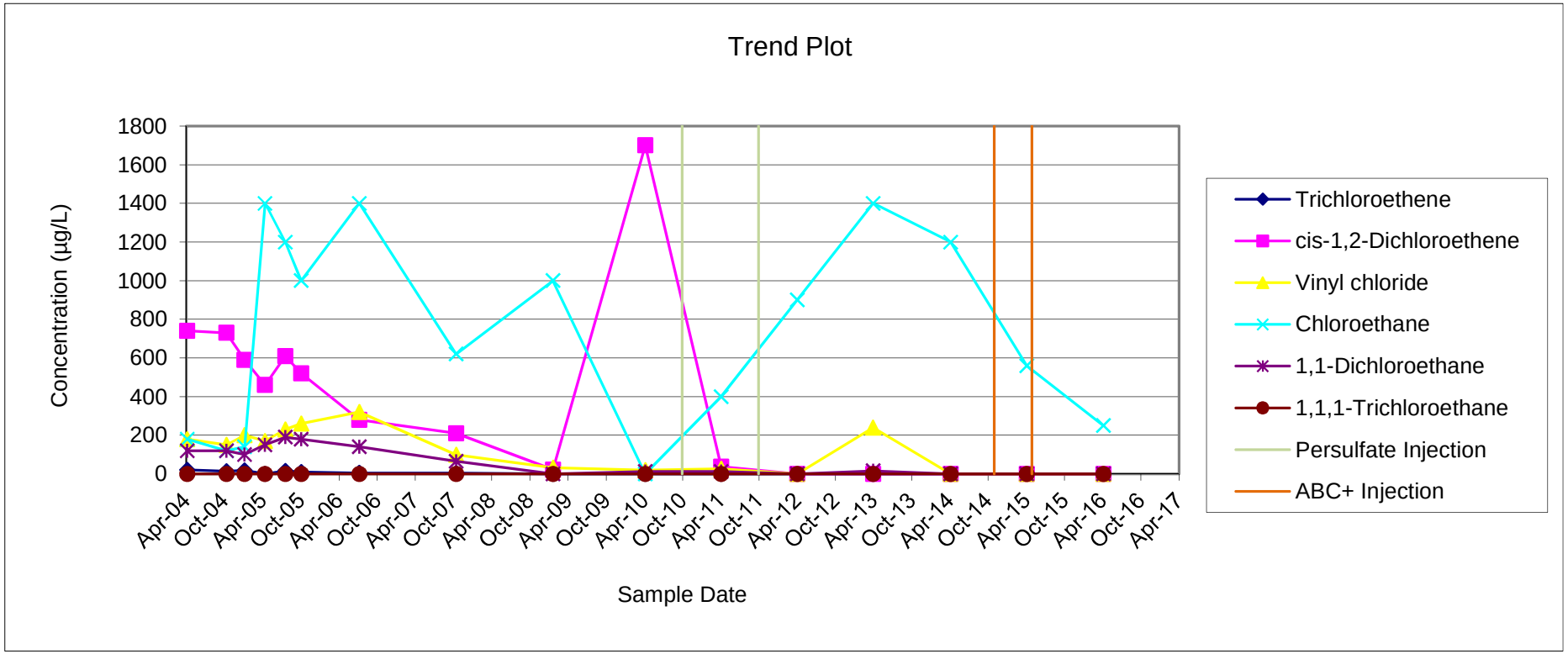
PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	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

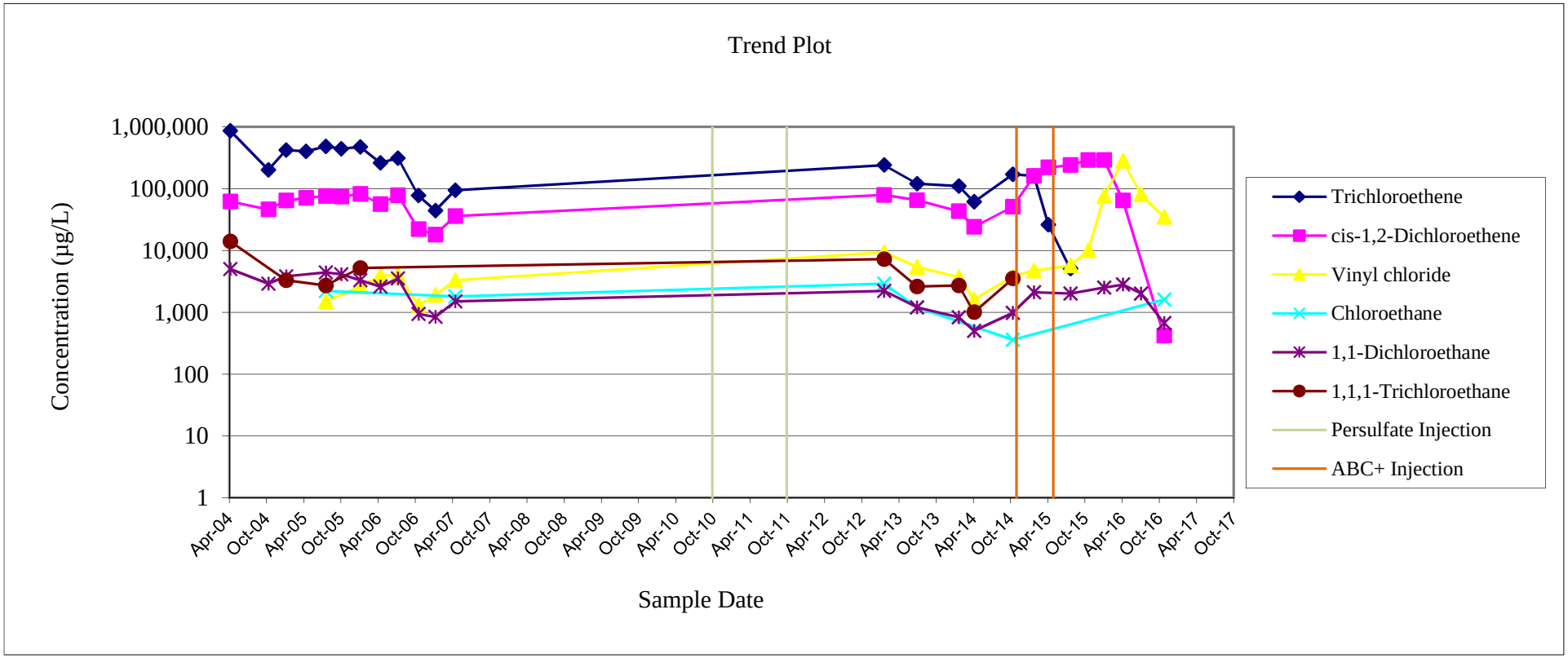
PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	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
10/26/2016	<500	420	35,000	1,600	670	<500

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



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

	Analytical Results (µg/L)					
Sample Date	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
10/26/2016	<10	31	13	310	16	<10

PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
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