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February 9, 2015

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

Subject: **First Quarter 2015 Groundwater Monitoring Report (10/15/14 – 1/21/15)**
January 2015 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 Technologies, Inc., AECOM Technical Services, Inc. (AECOM) is pleased to provide the First Quarter 2015 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 property (formerly Figgie International), NYSDEC Site Code No. 9-15-149. This report has been developed in accordance with the NYSDEC, Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

Groundwater samples were collected from select monitoring wells in fulfillment of the site AOC groundwater monitoring requirements. A new monitoring schedule was implemented based on Table 10 presented in the Periodic Review Report (PRR) (April 3, 2013 through April 7, 2014), dated July 2014, and the wells sampled during this groundwater monitoring event reflect this schedule (with the addition of two wells for monitoring the performance of the November 2014 injection pilot study as discussed below). Additionally, a vapor sample was collected as part of the January 2015 sampling event from the air stripper discharge sampling port 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. Scott Technologies, Inc. has retained the services of AECOM for the ongoing O&M of the DPE remediation system and related groundwater monitoring activities.

AECOM conducted a site investigation during February 2003 in fulfillment of the document "Site Investigation Work Plan" dated December 31, 2002 (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 January2008. 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 2015 through October 2015). The August 2010 NYSDEC letter also stated that, as of that correspondence, the RAER should be revised into a 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. During the past year, the ninth PRR (April 3, 2013 through April 7, 2014) was completed and submitted to NYSDEC on July 29, 2014. An IC/EC certification was included with each PRR.

Quarterly Groundwater Monitoring Activities – January 2015

AECOM personnel collected quarterly groundwater samples on January 20-21, 2015, in accordance with the procedures outlined in the NYSDEC-approved November 2003 RDWP and the August 2010 letter. Monitoring wells sampled in January 2015 included MW-2, MW-3, MW-4, MW-6, MW-8R, MW-10, MW-11, MW-13S, and MW-16S (**Figure 2**); note MW-12 was not sampled as the monitoring well was under a large snow pile. 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 accessible site wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on January 20, 2015. A summary of current and historical groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair are provided in **Appendix B**. Monitoring wells MW-2, MW-3, MW-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 deep piezometer water elevation data collected on January 20, 2015.

Groundwater elevations measured on January 20, 2015 ranged from 685.92 feet above mean sea level (AMSL) at MW-15S to 672.33 feet AMSL at MW-14D. The average groundwater surface elevation across the site was 1.46 feet higher when compared to the prior round of groundwater measurements collected in October 2014. The DPE system was not running during the January 2015 sampling event or during the three months prior to that event. Based on the January 2015 water level measurements, the groundwater surface beneath the site exhibits inward flow towards the GWCT. As **Figure 4** illustrates, the GWCT 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 – January 2015

Table 3 summarizes VOC data for groundwater samples collected in January 2015. The table below summarizes VOCs detected in groundwater above their detection limits, their respective concentration ranges, the number of detections, and the number of those detections that exceeded the site-specific Remedial Action Objectives (RAOs) or the New York Code of Rules and Regulations (NYCRR), Title 6, Parts 702.15(a)(2) and 703.5. Note that in some cases the detection limits for certain VOCs were set above their respective RAO's due to dilution factors (high concentration of target analyte[s]).

Groundwater Quality Results
January 2015

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	RAO/NYCRR Exceedances
cis-1,2-Dichloroethene	17 – 170,000	5	5
Trichloroethene	1,800 – 160,000	4	4
Vinyl chloride	1.5 – 5,700	4	3
1,1-Dichloroethane	5.0 – 2,100	4	3
1,1-Dichloroethene	150 – 720	2	2
Chloroethane	0.64	1	0

Six VOCs were detected in groundwater above their associated detection limit during the monitoring period. Five of the six VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria, including cis-1,2-dichloroethene (cis-1,2-DCE), trichloroethene (TCE), vinyl chloride (VC), 1,1-dichloroethane (1,1-DCA), and 1,1-dichloroethene (1,1-DCE). The occurrence of these compounds is primarily in the vicinity of the former on-site source area, and VOC concentrations decrease significantly in the vicinity of the perimeter monitoring wells.

An electronic copy of the analytical laboratory data package for the January 2015 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 presence and distribution of TCE daughter products (cis-1,2-DCE and VC) and 1,1,1-trichloroethane (1,1,1-TCA) daughter products (1,1-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 distribution of TCE and 1,1,1-TCA in the subsurface. In addition, the large drop in TCE concentration between fourth quarter 2014 and the current reporting period can be attributed to the injection pilot test preformed in November 2014 using the injectate Anaerobic BioChem and zero valent iron (ABC+®) (refer to the approved 2014 Injection Pilot Test Work Plan dated November 6, 2014 for details of the injection).

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 test. Additionally, historical concentrations of VOCs in soil vapor and groundwater are also decreasing as a result of extraction and treatment through the combined DPE remediation system. Because TCE is considered the primary source of groundwater contamination at the site, a summary of historical and current TCE concentrations in groundwater for the nine monitoring wells and piezometers sampled in January 2015 is included in **Table 4**. Recall that the DPE component of the combined remediation system was started May 14, 2004 and the injection of ABC+® occurred in November 2014. In addition, a chemical oxidation injection pilot test was performed between July and October 2010, and a second series of injections was performed between June and October 2011.

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

Table 4 shows a summary of historical and current TCE concentrations. Based on the January 2015 groundwater data, there were decreases in TCE concentration at the four monitoring wells located in the center of the plume from the previous time these wells were sampled (i.e., October 2014). It is important to note that the November 2014 injection was centered on MW-4 and MW-8R; the two wells that showed the greatest decrease of TCE since the last quarter. 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 – January 2015

AECOM personnel collected vapor effluent samples from the combined groundwater remediation system vapor discharge stacks on January 20, 2015. Note: the DPE system was not operational during this sampling event due to the November 2014 injection pilot test and, therefore, a vapor sample was not collected from the liquid ring pump (LRP) effluent stack. A Summa canister was used to collect the vapor sample from the permanent sample port located on the air stripper (AS) air stack. **Figure 3** shows the location of the vapor sample ports. The air sample was analyzed for VOCs using EPA Method TO-15 by TestAmerica Laboratories, Inc. located in Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – January 2015

The system vapor effluent results are summarized in **Table 5**, and an electronic copy of the analytical laboratory data package is provided on the enclosed CD in **Appendix C** (complete hard copy available in AECOM's Amherst, New York office). Twenty VOCs were detected in the AS unit effluent. The total VOCs discharged were 125 micrograms per cubic meter (µg/m3) in the AS unit effluent. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.0001 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. O&M activities conducted in addition to routine O&M activities during the monitoring period included the following:

- AECOM and AECOM's subcontractor Matrix Environmental Technologies, Inc. (Matrix) with Redox Tech, LLC performed a groundwater pilot injection test during the week of November 10, 2014.

- AECOM coordinated and oversaw the installation of the new Travaini DPE pump during the week of December 15, 2014. Note: the new Travaini DPE pump was not turned on (other than testing) as the injection pilot test was recently performed.

The DPE remediation system was intentionally left off throughout the monitoring period due to the November 2014 injection pilot test; the GWCT remained operational. Based on a system operational period from October 14, 2014 (fourth quarter groundwater sampling event) to January 21, 2015, the total combined DPE system runtime was 0 percent. This runtime percentage was derived by dividing the LRP run timer (47,416.4 hours on January 21, 2015 minus 47,416.4 hours

on October 14, 2014) by the duration of the monitoring period (2,376 hours). Note the GWCT runtime was 100% during this period. During this operational period, the estimated total volume of groundwater treated and discharged by the AS unit to the local sanitary sewer was 206,137 gallons at an average flow rate of 1.45 gallons per minute.

Summary

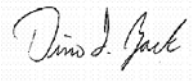
Although the DPE system was down due to the replacement of the LRP and to accommodate the November 2014 injection pilot test, the GWCT was fully operational during First Quarter 2015 groundwater sampling and monitoring activities that occurred on January 20-21, 2015. TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, MW-6, MW-10, and MW-11. A reduction of TCE was noted at MW-4, MW-8R, MW-13S, and MW-16S.

Based on the results of the January 2015 sampling event, the GWCT continues to maintain hydraulic capture of the overburden groundwater. In addition, the system continues to make progress towards the reduction of the concentration of VOCs present in site soil and groundwater. Vapor emissions produced by the system during the First Quarter 2015 were less than the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event is scheduled for April 2015; a list of the monitoring wells and piezometers to be sampled is included in **Table 1**.

If you have any questions regarding this submission, please do not hesitate to contact me at (716) 836-4506 or via e-mail at dino.zack@aecom.com.

Yours sincerely,



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\Enclosures

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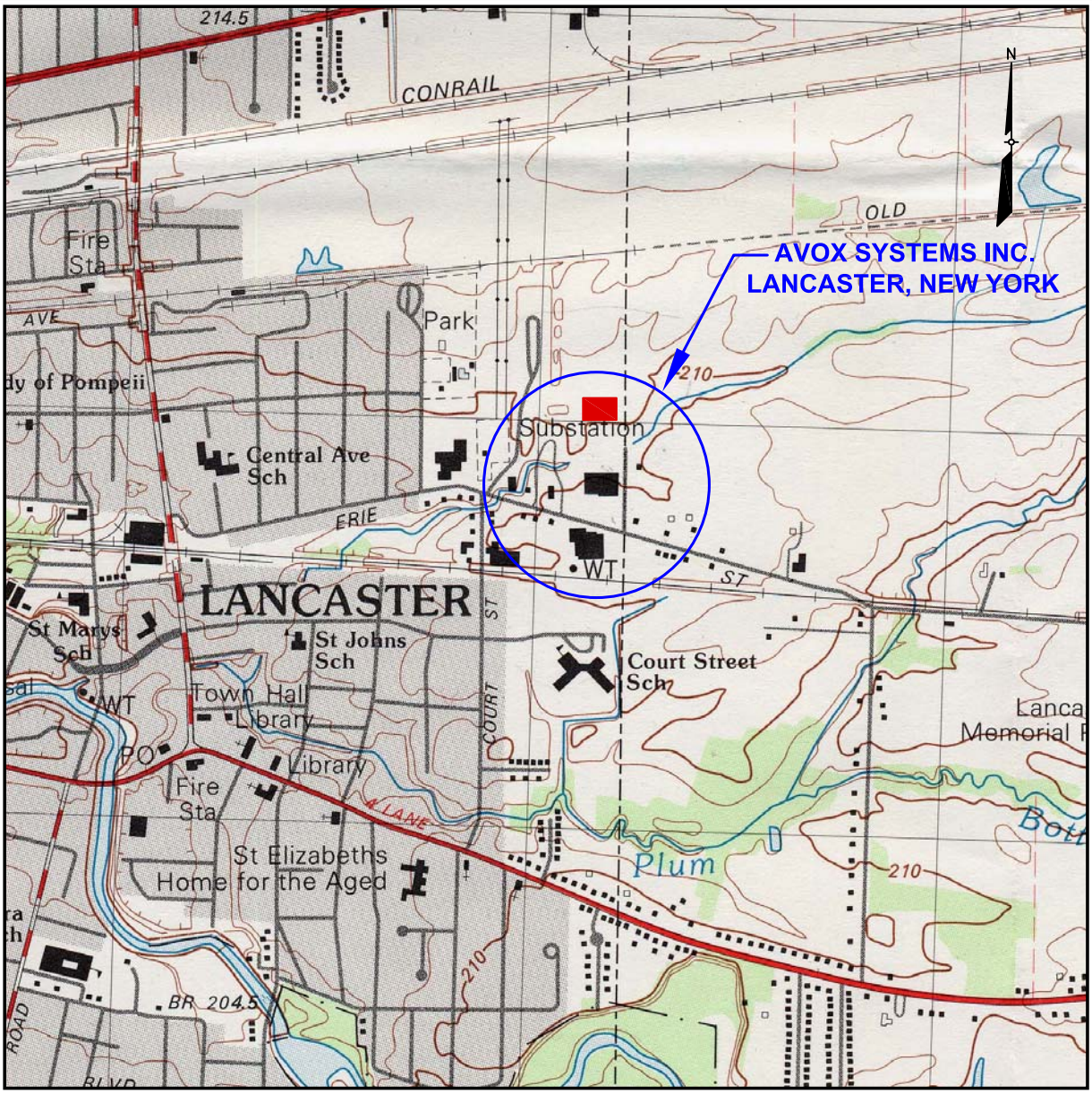
Stuart Rixman, Tyco International (Electronic Copy)
Jennifer Davide, AVOX Systems Inc. (Electronic Copy)
AECOM Project File (Electronic Copy)

FIGURES



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

LEGEND

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

0 1000 2000
SCALE IN FEET

AECOM

FIGURE 1
SITE LOCATION MAP

FORMER SCOTT AVIATION FACILITY AREA 1
LANCASTER, NEW YORK

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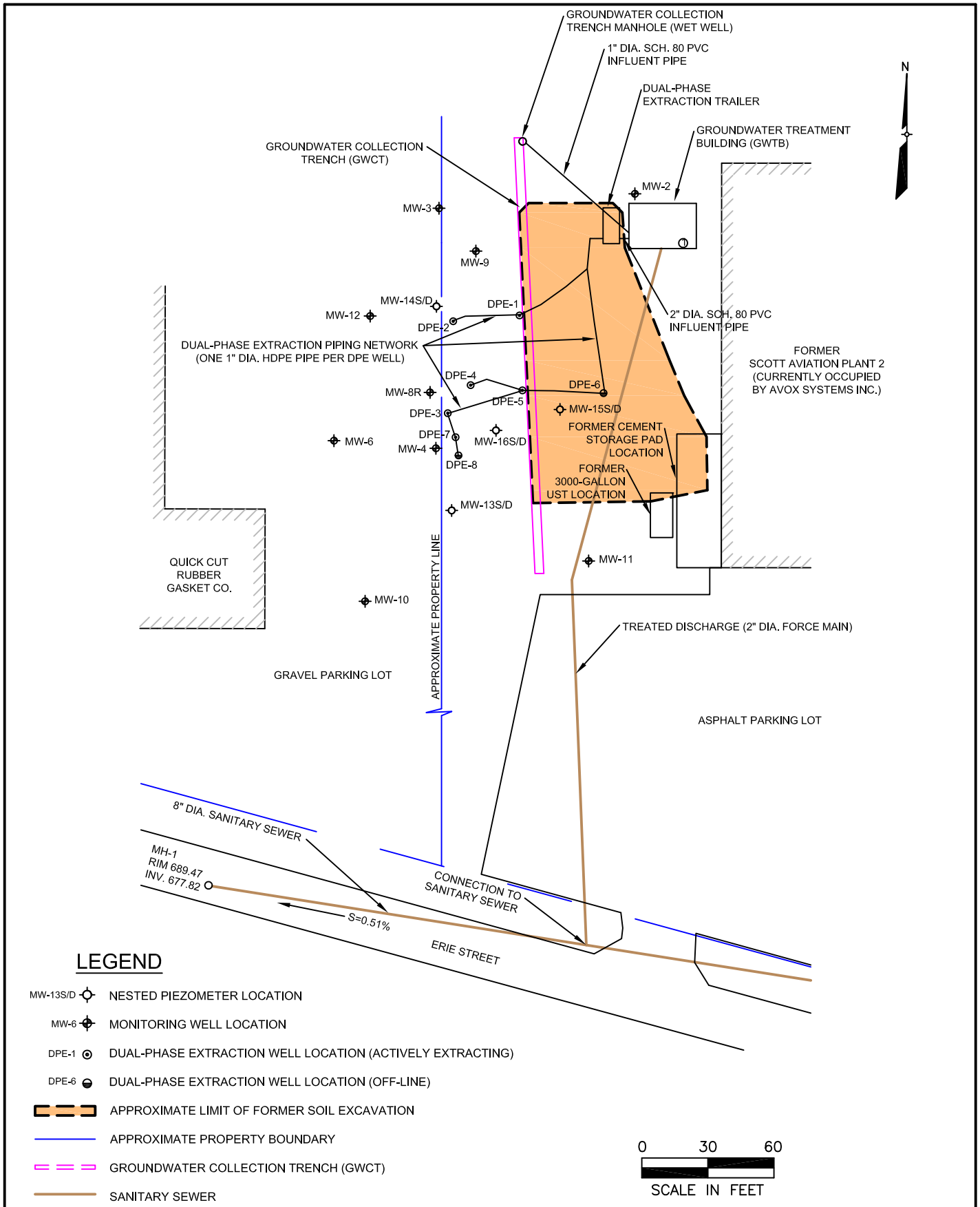

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FIGURE 2
SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

L:\work\71149\CADD\71149_001 Site Features Map.dwg, 7/29/2014 9:31:12 AM, splawnm

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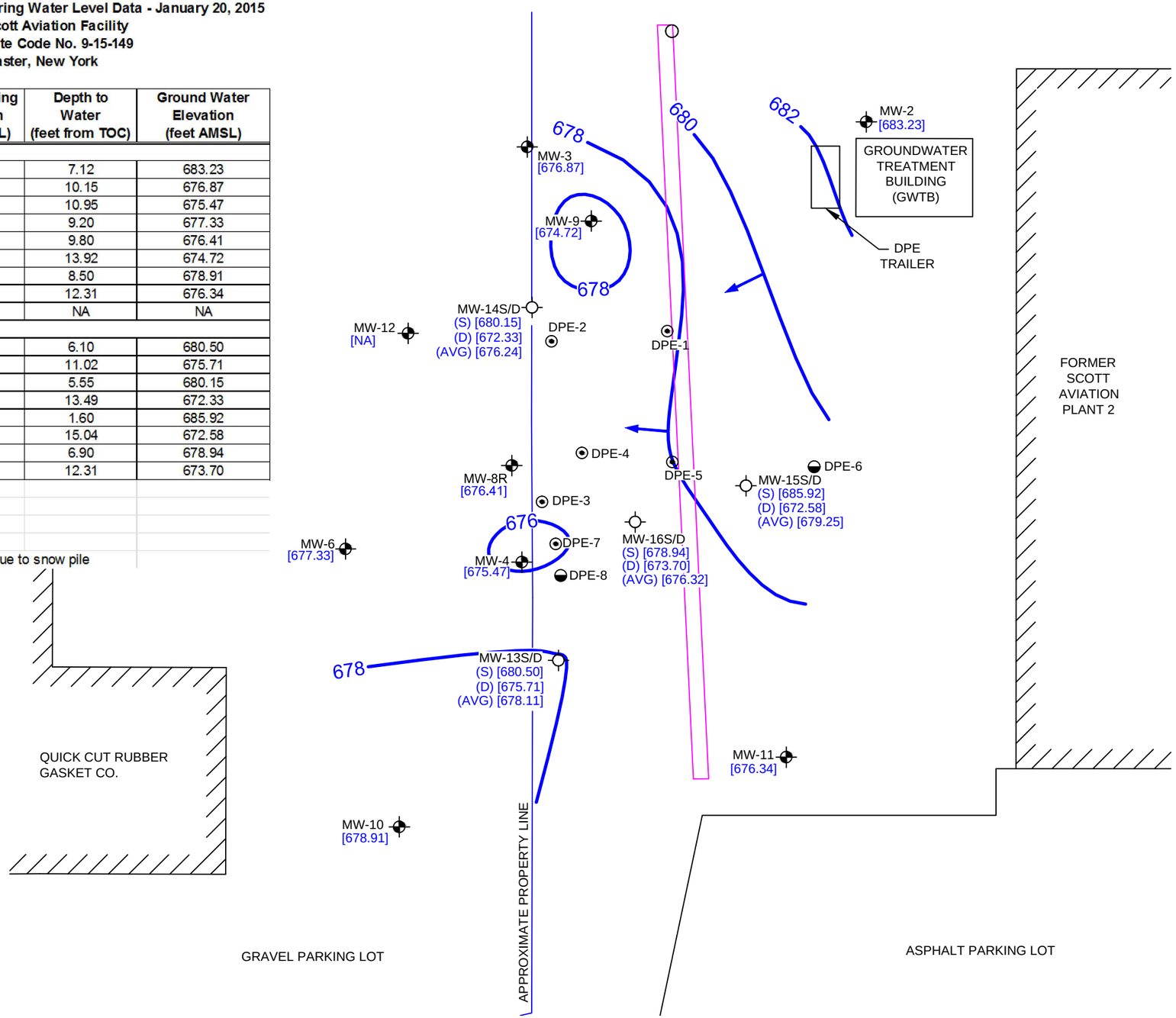
FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM FOR COMBINED DUAL PHASE EXTRACTION REMEDIATION SYSTEM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

Quarterly Groundwater Monitoring Water Level Data - January 20, 2015
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	7.12	683.23
MW-3	687.02	10.15	676.87
MW-4	686.42	10.95	675.47
MW-6	686.53	9.20	677.33
MW-8R	686.21	9.80	676.41
MW-9	688.64	13.92	674.72
MW-10	687.41	8.50	678.91
MW-11	688.65	12.31	676.34
MW-12	686.15	NA	NA
Nested Piezometers			
MW-13S	686.60	6.10	680.50
MW-13D	686.73	11.02	675.71
MW-14S	685.70	5.55	680.15
MW-14D	685.82	13.49	672.33
MW-15S	687.52	1.60	685.92
MW-15D	687.62	15.04	672.58
MW-16S	685.84	6.90	678.94
MW-16D	686.01	12.31	673.70

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NA - Water level not collected to due to snow pile



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)
- [683.23] — GROUNDWATER SURFACE ELEVATION IN FEET MSL
- 678 — ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET MSL
- 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 JANUARY 20, 2015.

0 15 30 60
SCALE IN FEET

AECOM

FIGURE 4
GROUNDWATER SURFACE CONTOUR MAP
JANUARY 2015
AVERAGE OVERBURDEN GROUNDWATER ELEVATIONS
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

L:\work\71149\CADD\71149_126 GW Surf Cont Jan 20 2015 (AVG).dwg, 2/5/2015 10:11:05 AM, Splawnm

TABLES

Table 1

Groundwater Monitoring Schedule - January 2015 through October 2015
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Event Date (Frequency)	Number of Wells/Piezometers Sampled	Wells/Piezometers Sampled			
January 2015 (Quarterly)	10	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-10	MW-11	MW-12
		MW-13S	MW-16S		
April 2015 (Annual)	17	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-9	MW-10	MW-11
		MW-12	MW-13S	MW-13D	MW-14S
		MW-14D	MW-15S	MW-15D	MW-16S
		MW-16D			
July 2015 (Annual)	10	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-10	MW-11	MW-12
		MW-13S	MW-16S		
October 2015 (Quarterly)	10	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-10	MW-11	MW-12
		MW-13S	MW-16S		

Notes:
Groundwater monitoring schedule revised per NYSDEC letter dated August 16, 2010.

Table 2

Quarterly Groundwater Monitoring Water Level Data - January 20, 2015
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	7.12	683.23
MW-3	687.02	10.15	676.87
MW-4	686.42	10.95	675.47
MW-6	686.53	9.20	677.33
MW-8R	686.21	9.80	676.41
MW-9	688.64	13.92	674.72
MW-10	687.41	8.50	678.91
MW-11	688.65	12.31	676.34
MW-12	686.15	NA	NA
Nested Piezometers			
MW-13S	686.60	6.10	680.50
MW-13D	686.73	11.02	675.71
MW-14S	685.70	5.55	680.15
MW-14D	685.82	13.49	672.33
MW-15S	687.52	1.60	685.92
MW-15D	687.62	15.04	672.58
MW-16S	685.84	6.90	678.94
MW-16D	686.01	12.31	673.70

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NA - Water level not collected to due to snow pile

Table 3

Summary of Laboratory Analytical Data for Groundwater - January 2015
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
Date Collected	RAO/ NYCRR	01/20/15	01/20/15	01/21/15	01/20/15	01/20/15
Lab Sample ID	Objectives	480-74489-1	480-74489-2	480-74489-3	480-74489-4	480-74489-5
Volatile Organic Compounds by Method 8260C (µg/L)						
1,1-Dichloroethane	5	< 5.0 U	**4.9**	**1,600**	< 1.0 U	< 2,000 U
1,1-Dichloroethene	5	< 5.0 U	< 1.0 U	**720 J**	< 1.0 U	< 2,000 U
Chloroethane	5	< 5.0 U	**0.64 J**	< 1,000 U	< 1.0 U	< 2,000 U
cis-1,2-Dichloroethene	5	< 5.0 U	< 1.0 U	**170,000**	< 1.0 U	**54,000**
Trichloroethene	5	< 5.0 U	< 1.0 U	**1,800**	< 1.0 U	**2,100**
Vinyl chloride	5	< 5.0 U	**1.5**	**5,700**	< 1.0 U	< 2,000 U

Sample ID	Groundwater	MW-10	MW-11	MW-13S	MW-16S	DUPLICATE
Date Collected	RAO/ NYCRR	01/20/15	01/20/15	01/21/15	01/21/15	01/20/15
Lab Sample ID	Objectives	480-74489-6	480-74489-7	480-74489-8	480-74489-9	480-74489-10
Volatile Organic Compounds by Method 8260C (µg/L)						
1,1-Dichloroethane	5	< 1.0 U	**5.0**	< 500 U	**2,100 J**	< 1,000 U
1,1-Dichloroethene	5	< 1.0 U	< 5.0 U	**150 J**	< 4,000 U	< 1,000 U
Chloroethane	5	< 1.0 U	< 5.0 U	< 500 U	< 4,000 U	< 1,000 U
cis-1,2-Dichloroethene	5	< 1.0 U	**17**	**22,000**	**160,000**	**50,000**
Trichloroethene	5	< 1.0 U	< 5.0 U	**19,000**	**160,000**	**2,000**
Vinyl chloride	5	< 1.0 U	**7.4**	< 500 U	**4,700**	< 1,000 U

Notes:
µg/L - micrograms per liter
RAO - Remedial Action Objective
NYCRR - New York Code of Rules and Regulations, Title 6, Part 702.15 (a)(2) and 703.5
NL - Not Listed
Bold font indicates the analyte was detected.
Bold outline indicates the screening criteria was exceeded.
U - Indicates compound below associated detection level.
J - Indicates an estimated value.
Duplicate sample collected from MW-8R.

Table 5

Vapor Monitoring Results - January 2015
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	Sample ID:	LRP Effluent*	AS Effluent
	Sample Date:	Not Sampled	1/20/2015
VOCs by Method TO-15 (µg/m^3)			
1,2,4-Trimethylbenzene		-	2
1,2-Dichloroethene, Total		-	0.79
2,2,4-Trimethylpentane			1
Benzene		-	1.8
Carbon disulfide		-	1.9
Chloroethane		-	69
Chloromethane		-	1.3
Cyclohexane		-	0.95
Dichlorodifluoromethane		-	2.5
Ethylbenzene		-	1.9
m,p-Xylene		-	6.6
Methyl Ethyl Ketone		-	1.9
Methylene Chloride		-	1.9
n-Heptane		-	1.9
n-Hexane		-	4.1
Toluene		-	13
trans-1,2-Dichloroethene		-	0.79
Trichlorofluoromethane		-	1.3
Vinyl chloride		-	1.2
Xylene (total)		-	8.8
Total Detected VOCs (µg/m^3)		-	125
Vacuum (inches Hg)		-	0.44
Air Flow Rate (acfm)		-	138
VOC discharge loading (lb/hr)		-	0.0001
Total VOC discharge loading (lb/hr)		**0.0001**	

Notes:

* The LRP was not running duing sampling event on January 20, 2015.

The air stripper vacuum measured on January 20, 2015 was 6 inches H_2O and the flow rate was 130 scfm.

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).

Table 4

Summary of Historical and Current Trichloroethene Concentrations - January 2015
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	TCE Concentration (µg/L)																			
Well ID	Apr 2003[1]	Apr 2004[2]	Oct 2004[3,4]	Jan 2005[4]	Apr 2005[4,5]	Jul 2005[4]	Oct 2005[4]	Jan 2006[4]	Apr 2006[4]	Jul 2006[4]	Oct 2006[4]	Jan 2007[4]	Apr 2007[4]	Jul 2007[4]	Oct 2007[4]	Jan 2008[4]	Apr 2008[4]	Jul 2008[4]	Oct 2008[4]	Jan 2009[4]
MW-2	<1	NS	NS	NS	<10	NS	NS	<25	<25	<25	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5
MW-3	<1	NS	NS	NS	<10	NS	NS	<25	<25	<25	<5	<5	<20	<5	5	<5	<5	<5	<5	<5
MW-4	249	NS	8,100	20,000	NS	NS	NS	6,500	3,200	2,400	2,600	2,800	4,900	1,100	4,800	9,200	5,800	500	6,300	19,000
MW-6	<1	NS	<10	<10	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.63	<5	<5	<5	<5	<5
MW-8R	NA	NS	35,000	23,000	15,000	9,200	13,000	42,000	14,000	16,000	13,000	1,600	19,000	29,000	2,200	38,000	12,000	7,400	22,000	8,400
MW-10	<1	NS	NS	NS	<10	NS	NS	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW- 11	NA	NS	NS	NS	<10	NS	NS	2.2	<20	<20	6.8	2.6	0.89	<5	0.71	1.1	0.49	1	0.81	0.77
MW-12	NA	NS	13	<10	<10	<5	<5	<25	<25	<25	NS	<5	<20	<5	<5	<5	<5	<5	<5	NS
MW-13S	NA	10,000	2,100	10,000	760	870	410	NS	NS	17,000	1,300	1,700	4,400	220	570	1,800	580	1,800	5,800	3,400
MW-16S	NA	860,000	200,000	420,000	400,000	480,000	440,000	470,000	260,000	310,000	77,000	44,000	94,000	86,000	130,000	67,000	76,000	58,000	63,000	92,000

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

Table 4

Summary of Historical and Current Trichloroethene Concentrations - January 2015
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

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

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

Table 4

Summary of Historical and Current Trichloroethene Concentrations - January 2015
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Well ID	TCE Concentration (µg/L)					
	Apr 2014[4]	Jul 2014[4]	Oct 2014[7]	Jan 2015[7,9]	TCE Reduction - Previous Sampling	TCE Reduction - Baseline Sampling
MW-2	<1	<1	ND	ND	ND	ND
MW-3	<1	<1	ND	ND	ND	ND
MW-4	32,000	NS	32,000	18,000	43.8%	increase
MW-6	<1	<1	ND	ND	ND	ND
MW-8R	100,000	110,000	NS	2,100	98.1%	94.0%
MW-10	<1	<1	ND	ND	ND	ND
MW- 11	<1	<1	ND	ND	ND	ND
MW-12	<1	<1	ND	NS	NS	NS
MW-13S	32,000	33,000	NS	19,000	42.4%	increase
MW-16S	61,000	NS	170,000	160,000	5.9%	81.4%

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

Table 5

Vapor Monitoring Results - January 2015
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	Sample ID:	LRP Effluent*	AS Effluent
	Sample Date:	Not Sampled	1/20/2015
VOCs by Method TO-15 (µg/m^3)			
1,2,4-Trimethylbenzene		-	2
1,2-Dichloroethene, Total		-	0.79
2,2,4-Trimethylpentane			1
Benzene		-	1.8
Carbon disulfide		-	1.9
Chloroethane		-	69
Chloromethane		-	1.3
Cyclohexane		-	0.95
Dichlorodifluoromethane		-	2.5
Ethylbenzene		-	1.9
m,p-Xylene		-	6.6
Methyl Ethyl Ketone		-	1.9
Methylene Chloride		-	1.9
n-Heptane		-	1.9
n-Hexane		-	4.1
Toluene		-	13
trans-1,2-Dichloroethene		-	0.79
Trichlorofluoromethane		-	1.3
Vinyl chloride		-	1.2
Xylene (total)		-	8.8
Total Detected VOCs (µg/m^3)		-	125
Vacuum (inches Hg)		-	0.44
Air Flow Rate (acfm)		-	138
VOC discharge loading (lb/hr)		-	0.0001
Total VOC discharge loading (lb/hr)		**0.0001**	

Notes:

* The LRP was not running during sampling event on January 20, 2015.

The air stripper vacuum measured on January 20, 2015 was 6 inches H_2O and the flow rate was 130 scfm.

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): 1/20/2015
Field Personnel: DLZ
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60314190**
Well ID #: MW-2
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy with light snow
Air Temperature: 18 ° F
Total Depth (TWD) Below Top of Casing = 16.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 7.15 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 4 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 690.35 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 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)	250	250	250	250	200	150	150	
Time (Military)	8:10	8:15	8:20	8:25	8:30	8:35	8:40	
Depth to Groundwater Below Top of Casing (ft)	7.9	8.28	9.01	9.7	10.7	11.1	11.4	
Drawdown (ft)	-0.75	-0.38	-0.73	-0.69	-1	-0.4	-0.3	
pH (S.U.)	-	6.75	6.71	6.66	6.65	6.64	6.64	
Sp. Cond. (mS/cm)	-	0.994	0.999	1.019	1.062	1.049	1.043	
Turbidity (NTUs)	-	275	49.3	35.1	25	23.1	21.1	
Dissolved Oxygen (mg/L)	-	17.28	11.14	7.19	6.46	5.97	4.87	
Water Temperature (°C)	-	7.54	9.73	10.04	9.74	9.13	9.12	
ORP (mV)	-	-35.2	-41.2	-55.7	72.6	66.1	60.9	

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

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

COMMENTS/OBSERVATIONS: Samples collected 08:45hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 1/20/2015
Field Personnel: DLZ
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60314190**
Well ID #: MW-3
____ Upgradient ____ Downgradient
Weather Conditions: cloudy with light snow
Air Temperature: 18 ° F
Total Depth (TWD) Below Top of Casing = 28 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.9 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 18.1 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 11.2 liter
3 Casing Volumes = 34 liter
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 4 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 (8260C)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	150	150		
Time (Military)	13:20	13:25	13:30	13:35	13:40	13:45		
Depth to Groundwater Below Top of Casing (ft)	11	12.05	13	13.5	13.7	13.91		
Drawdown (ft)	1.1	-1.05	-0.95	-0.5	-0.2	-0.21		
pH (S.U.)	7.8	7.41	7.26	7.19	7.16	7.15		
Sp. Cond. (mS/cm)	0.753	0.701	0.68	0.677	0.667	0.661		
Turbidity (NTUs)	6.2	4.8	2.9	3.4	2.1	1.3		
Dissolved Oxygen (mg/L)	7.53	10.2	6.85	4.96	4.1	4.7		
Water Temperature (°C)	10.18	10.1	10.8	10.73	9.1	9.12		
ORP (mV)	31.5	35.2	44.1	46.8	47.1	48.2		

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: Sample at 13:45hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 1/21/2015
Field Personnel: DLZ
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60314190**
Well ID #: MW-4
____ Upgradient ____ Downgradient
Weather Conditions: cloudy
Air Temperature: 5 ° F
Total Depth (TWD) Below Top of Casing = 26 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 10.95 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 4 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 686.64 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 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	
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	Dup

FIELD ANALYSES

Flow Rate (ml/min)	200	150	150	100	100	100	100	100
Time (Military)	7:45	7:50	7:55	8:00	8:05	8:10	8:15	8:20
Depth to Groundwater Below Top of Casing (ft)	12.5	13.8	14.4	15.6	15.9	16.5	16.81	17.2
Drawdown (ft)	-1.55	-1.3	-0.6	-1.2	-0.3	-0.6	-0.31	-0.39
pH (S.U.)	7.27	6.8	6.77	6.73	6.73	6.73	6.72	6.72
Sp. Cond. (mS/cm)	2.929	2.947	2.929	2.825	2.757	2.698	2.676	2..676
Turbidity (NTUs)	30.1	28	21	20.3	40.2	37.1	48.7	49.7
Dissolved Oxygen (mg/L)	65.17	12.9	9.11	5.42	4.24	3.19	2.67	2.59
Water Temperature (°C)	10.32	9.77	9.61	9.2	8.83	8.84	8.58	8.53
ORP (mV)	-120.5	-101.2	-73.8	-92.7	-114	-97.1	-136.8	140.6

Physical appearance at start: Color med gray; Odor yes
Sheen/Free Product: sheen/product on probe

Physical appearance at sampling: Color clear; Odor yes
Sheen/Free Product: sheen/product on tubing

COMMENTS/OBSERVATIONS: Sample at 08:20hrs

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 1/20/2015
Field Personnel: DLZ
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60314190**
Well ID #: MW-6
____ Upgradient ____ Downgradient
Weather Conditions: cloudy
Air Temperature: 18 ° F
Total Depth (TWD) Below Top of Casing = 25 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.34 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 15.66 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 9.7 liter
3 Casing Volumes = 29 liter
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 686.53 1/100 ft
Height of Riser (above land surface): -0.27 1/100 ft
Land Surface Elevation: 686.8 1/100 ft
Screened Interval (below land surface): 14.5 - 24.5 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	200	150	150	150			
Time (Military)	13:55	14:00	14:05	14:10	14:15			
Depth to Groundwater Below Top of Casing (ft)	10.9	12.1	12.28	12.49	12.7			
Drawdown (ft)	-1.56	-1.2	-0.18	-0.21	-0.21			
pH (S.U.)	7.59	7.61	7.6	7.59	7.54			
Sp. Cond. (mS/cm)	0.56	0.592	0.592	0.592	0.589			
Turbidity (NTUs)								
Dissolved Oxygen (mg/L)	8.06	4.18	3.19	2.76	2.45			
Water Temperature (°C)	10.07	10.5	10.41	10.32	10.28			
ORP (mV)	-50.8	-66.2	-70.1	-77.2	-78.3			

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: Sample at 14:20hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 1/20/2015
Field Personnel: DLZ
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60314190**
Well ID #: MW-8R
____ Upgradient ____ Downgradient
Weather Conditions: cloudy
Air Temperature: 20 ° F
Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.8 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = gal
3 Casing Volumes = gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3 liter

Casing Diameter: 4 inches
Casing Material: PVC
Measuring Point Elevation: 685.67 1/100 ft
Height of Riser (above land surface): 1/100 ft
Land Surface Elevation: 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)	150	150	150	150	150	150	150	
Time (Military)	15:15	15:20	15:25	15:30	15:35	15:40	15:45	
Depth to Groundwater Below Top of Casing (ft)	-	-	-	-	-	-	-	
Drawdown (ft)	-	-	-	-	-	-	-	
pH (S.U.)	6.45	6.46	6.46	6.46	6.5	6.51	6.51	
Sp. Cond. (mS/cm)	8.078	8.154	8.681	9.105	9.443	9.243	9.171	
Turbidity (NTUs)	-	-	-	-	-	-	-	
Dissolved Oxygen (mg/L)	10.2	8.73	6.01	4.27	3.27	2.92	2.27	
Water Temperature (°C)	9.29	9.37	9.1	8.48	8.18	7.36	7.31	
ORP (mV)	-87.4	-91.4	-99.7	-113.1	-123.3	-123.3	-125.1	

Physical appearance at start: Color med gray; Odor yes
Sheen/Free Product: sheen

Physical appearance at sampling: Color clear; Odor yes
Sheen/Free Product: sheen

COMMENTS/OBSERVATIONS: Sample at 15:45 hrs. Note water level indicator not working properly and turbidity meter battery died due to low temperatures.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 1/20/2015
Field Personnel: DLZ
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60314190**
Well ID #: MW-10
____ Upgradient ____ Downgradient
Weather Conditions: cloudy
Air Temperature: 18 ° F
Total Depth (TWD) Below Top of Casing = 24 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 8.64 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 15.36 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 9.5 liter
3 Casing Volumes = 28 liter
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 4 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 (8260C)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	150	150	150	150	150	
Time (Military)	14:35	14:40	14:45	14:50	14:55	15:00	15:05	
Depth to Groundwater Below Top of Casing (ft)	9.25	9.49	9.52	9.71	9.82	10.95	11.01	
Drawdown (ft)	-0.61	-0.24	-0.03	-0.19	-0.11	-1.13	-0.06	
pH (S.U.)	7.36	7.31	7.28	7.11	7.01	6.93	6.92	
Sp. Cond. (mS/cm)	1.15	1.172	1.181	1.192	1.193	1.194	1.195	
Turbidity (NTUs)	10.98	7.11	8.21	5.73	2.81	1.31	1.11	
Dissolved Oxygen (mg/L)	12.9	8.71	6.11	4.23	3.14	2.93	2.77	
Water Temperature (°C)	9.79	9.82	9.79	9.8	9.81	9.84	9.94	
ORP (mV)	25.4	38.1	49.2	55.4	68.7	74.5	75.2	

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

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

COMMENTS/OBSERVATIONS: Sample at 15:05hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 1/20/2015
Field Personnel: DLZ
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60314190**
Well ID #: MW-11
____ Upgradient ____ Downgradient
Weather Conditions: cloudy
Air Temperature: 19
Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 14 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 14.5 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 8.9 liter
3 Casing Volumes = 27 liter
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3 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 (8260C)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	250	200	150	150	150			
Time (Military)	9:50	9:55	10:00	10:05	10:10			
Depth to Groundwater Below Top of Casing (ft)	14.1	14.35	14.47	14.55	14.6			
Drawdown (ft)	-0.1	-0.25	-0.12	-0.08	-0.05			
pH (S.U.)	7.41	6.84	6.78	6.74	6.74			
Sp. Cond. (mS/cm)	2.555	2.615	2.637	2.611	2.611			
Turbidity (NTUs)	5.11	5.1	2.9	1.02	0.71			
Dissolved Oxygen (mg/L)	24.5	9.66	7.38	6.11	5.04			
Water Temperature (°C)	10.54	10.67	10.69	10.39	10.28			
ORP (mV)	30.7	22.8	23.6	24	24.1			

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: Sample at 10:15hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 1/21/2015
Field Personnel: DLZ
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60314190**
Well ID #: MW-13S
Upgradient ____ Downgradient ____
Weather Conditions: cloudy
Air Temperature: 5 ° F
Total Depth (TWD) Below Top of Casing = 16.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = ____ 1/100 ft
Length of Water Column (LWC) = TWD - DGW = ____ 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = ____ gal
3 Casing Volumes = ____ gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 2.5 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 686.6 1/100 ft
Height of Riser (above land surface): -0.30 1/100 ft
Land Surface Elevation: 686.9 1/100 ft
Screened Interval (below land surface): 8.5-16.5 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)	9:05	9:10	9:15	9:20	9:25	9:30		
Depth to Groundwater Below Top of Casing (ft)	-	-	-	-	-	-		
Drawdown (ft)	-	-	-	-	-	-		
pH (S.U.)	7.15	7.13	7.11	7.06	7.05	7.05		
Sp. Cond. (mS/cm)	0.851	0.850	0.851	0.835	0.829	0.830		
Turbidity (NTUs)	48.70	39.70	27.90	17.10	13.70	17.1		
Dissolved Oxygen (mg/L)	9.78	7.77	6.21	4.16	3.04	2.83		
Water Temperature (°C)	8.57	8.44	8.07	7.14	6.93	7.28		
ORP (mV)	-30	-24.1	-14.2	-12.2	-11.9	-12.3		

Physical appearance at start: Color gray tint; Odor yes
Sheen/Free Product: no

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

COMMENTS/OBSERVATIONS: Sample at 09:45hrs.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 1/21/2015
Field Personnel: DLZ
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60314190**
Well ID #: MW-16S
____ Upgradient ____ Downgradient
Weather Conditions: cloudy
Air Temperature: 5 ° F
Total Depth (TWD) Below Top of Casing = 15.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.9 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 8.5 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 5.2 liter
3 Casing Volumes = 16 liter
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 2 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 685.84 1/100 ft
Height of Riser (above land surface): -0.56 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)	150	150	150	150	150			
Time (Military)	8:30	8:35	8:40	8:45	8:50			
Depth to Groundwater Below Top of Casing (ft)	11	11.51	12.8	13.1	13.5			
Drawdown (ft)	-4.1	-0.51	-1.29	-0.3	-0.4			
pH (S.U.)	6.58	6.49	6.43	6.43	6.45			
Sp. Cond. (mS/cm)	1.964	1.999	2.037	2.014	2.146			
Turbidity (NTUs)	-	-	-	-	-			
Dissolved Oxygen (mg/L)	10.16	7.11	6.27	5.5	4.4			
Water Temperature (°C)	4.43	4.51	4.69	4.79	6.34			
ORP (mV)	-119.4	-121.73	-134.9	-145	-153.7			

Physical appearance at start — Color: dark gray; Odor: yes
Sheen/Free Product: no

Physical appearance at sampling — Color: light gray; Odor: yes
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Sample at 09:00hrs.

APPENDIX B

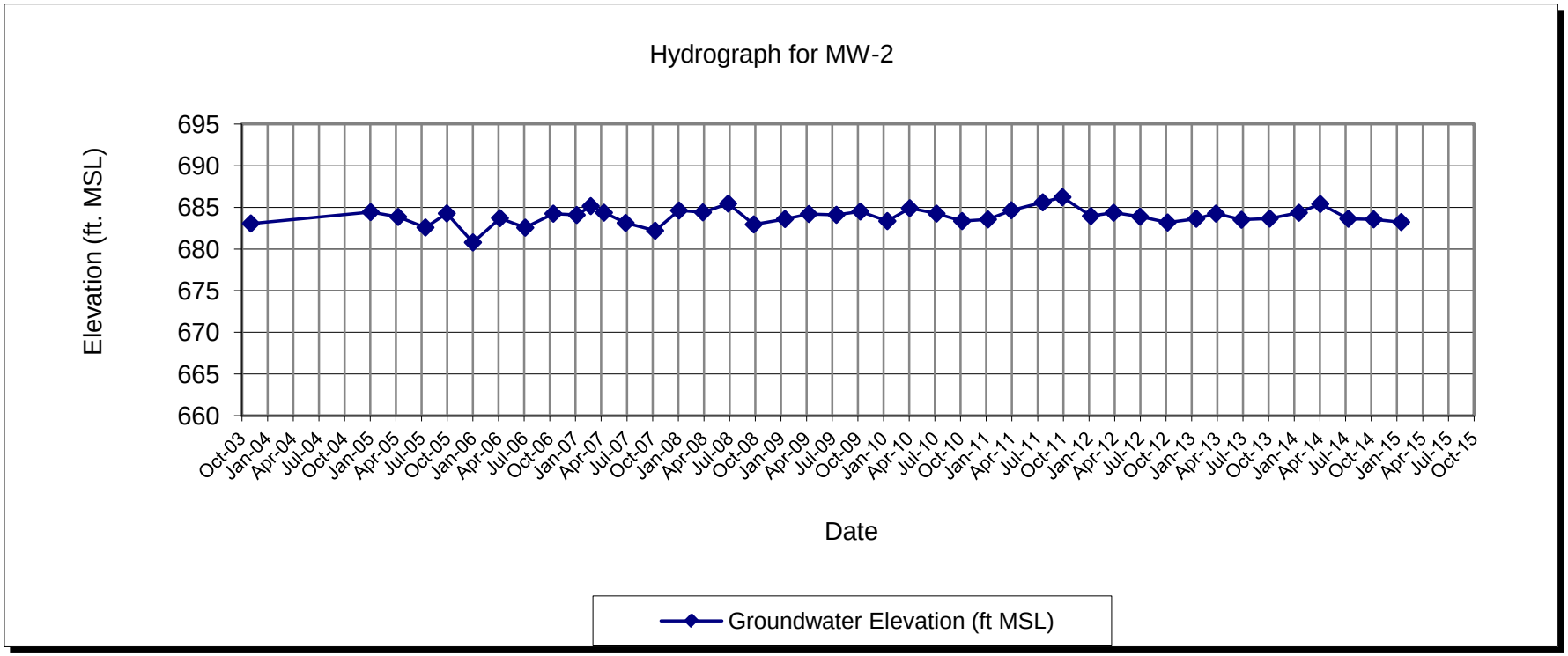
Summary of Groundwater Elevations

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

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 - 690.35

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

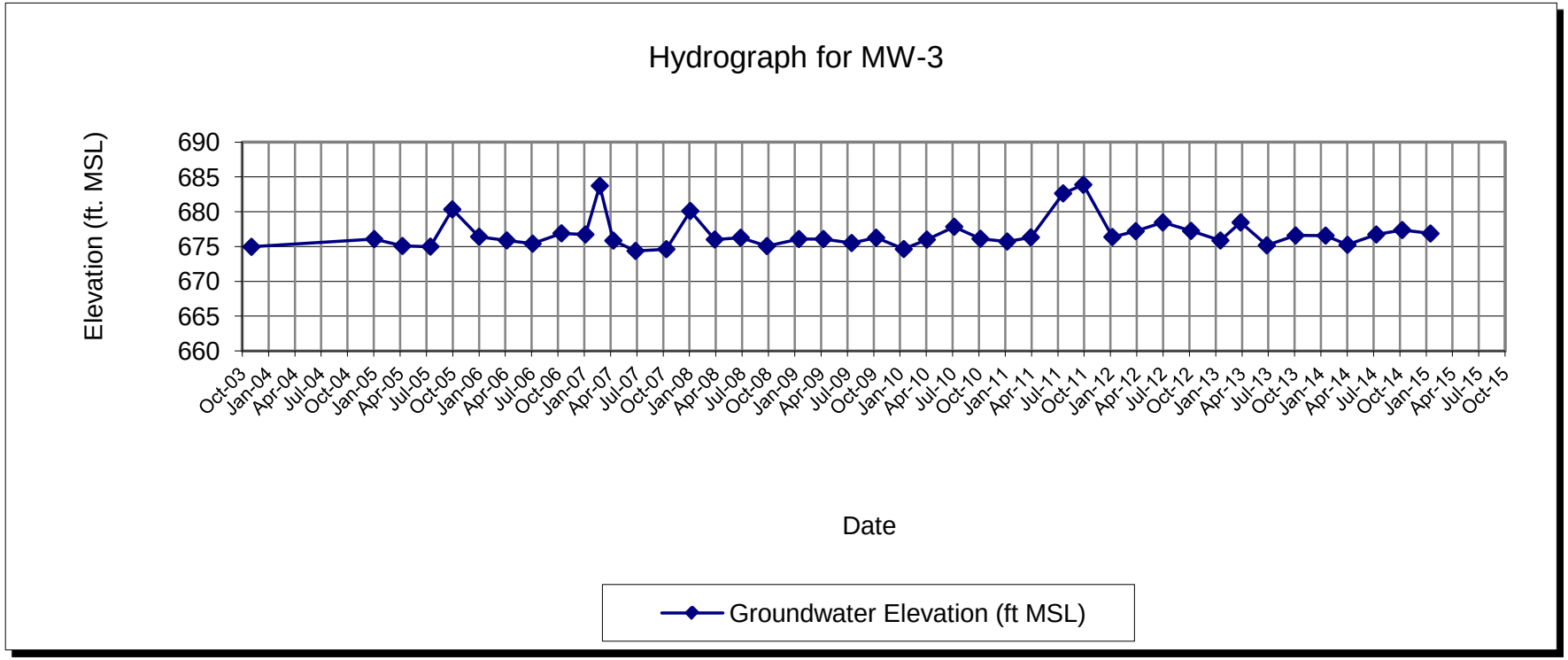


MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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

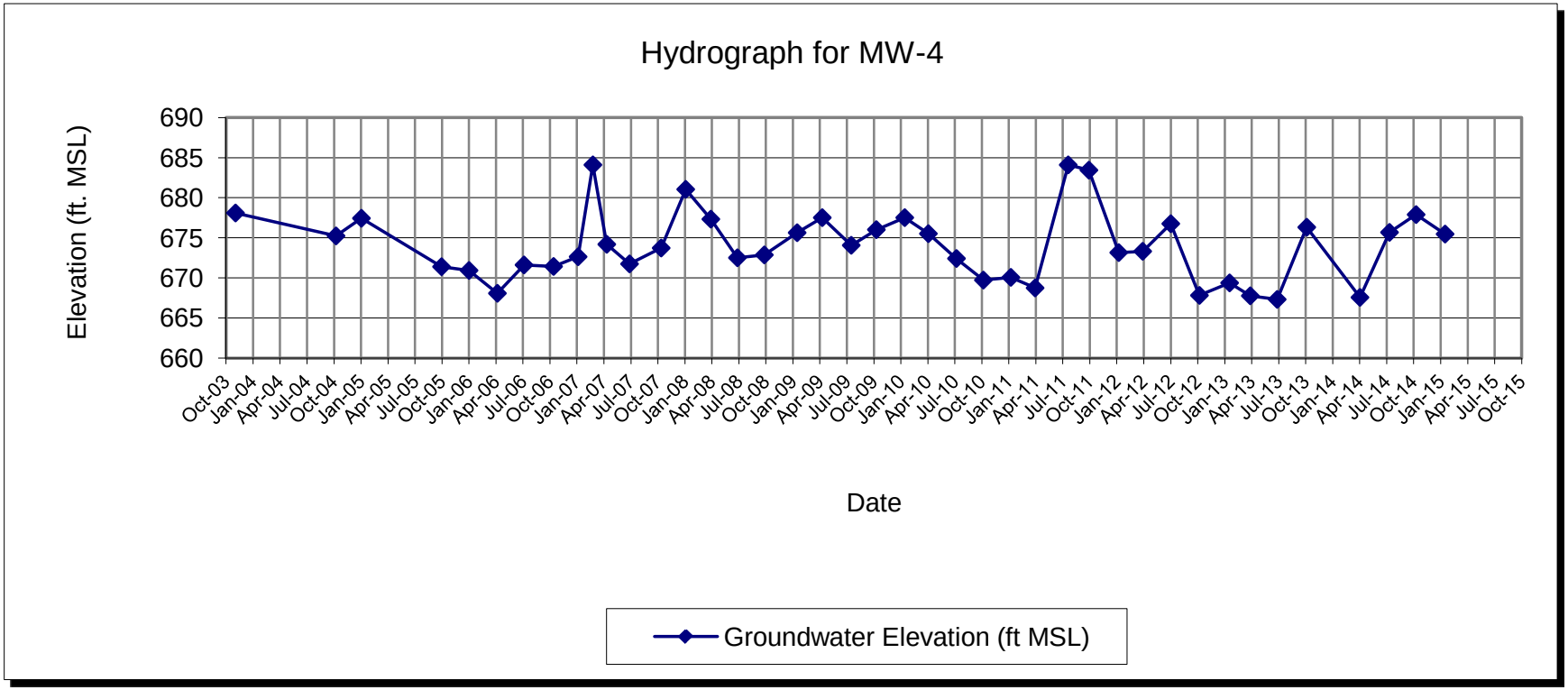
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.42
NM* - Well could not be accessed due to snow cover

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

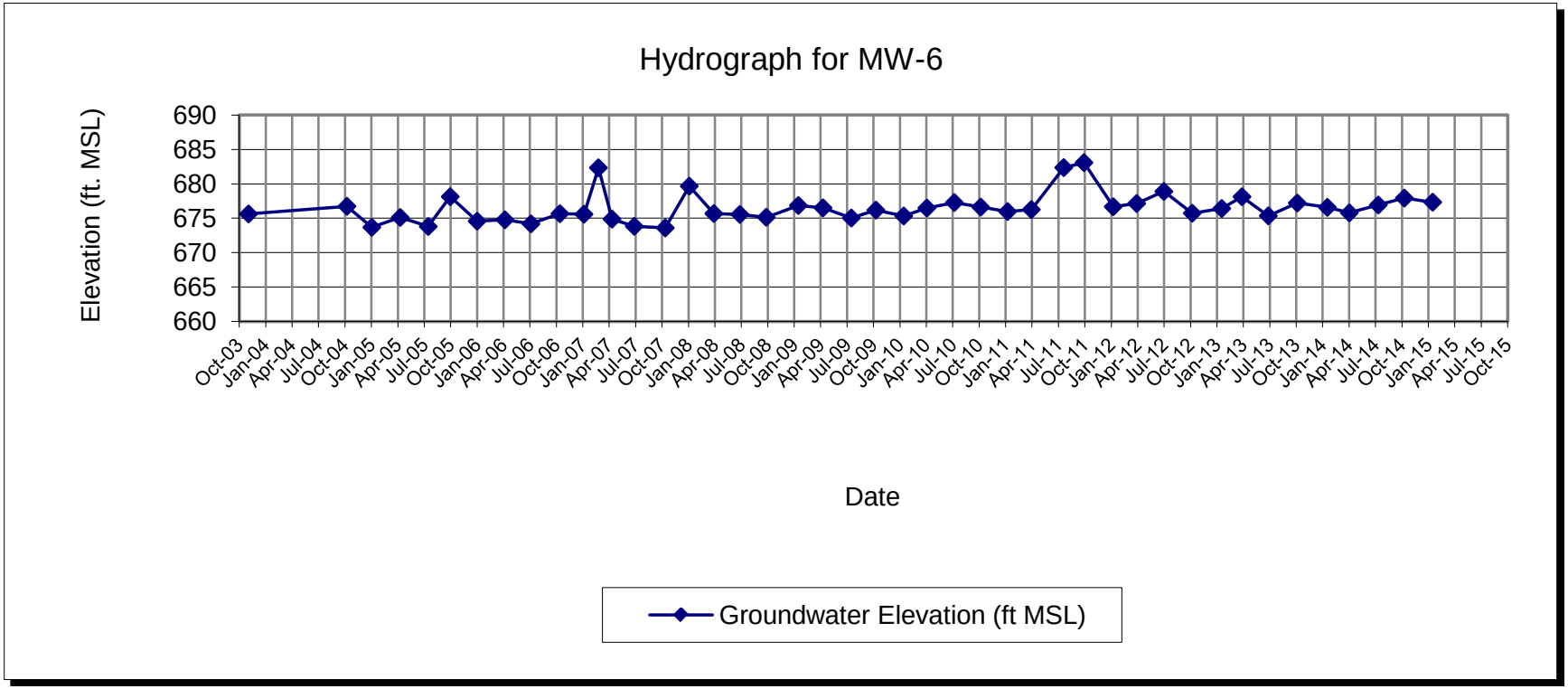
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.68
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.53

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

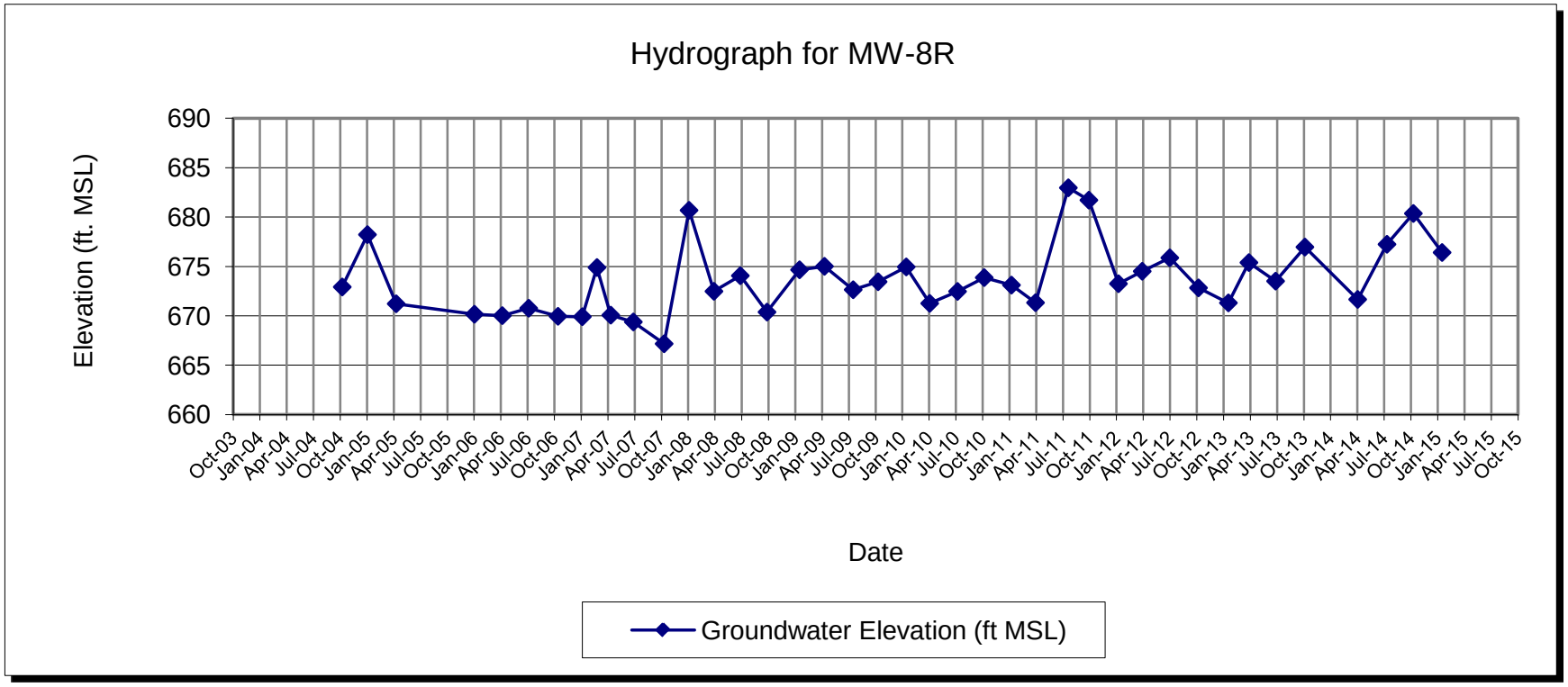
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.67
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.21
NM* - Well could not be accessed due to snow cover

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

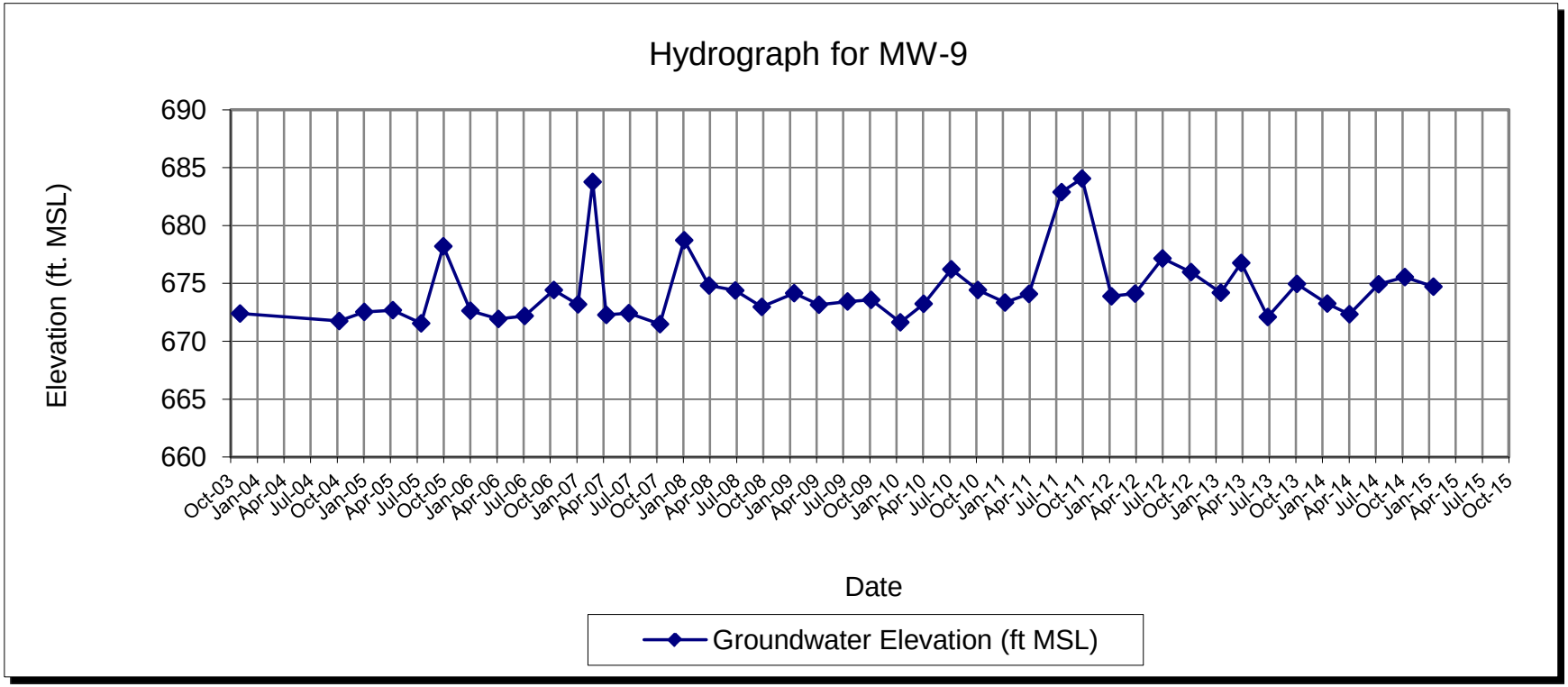
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 688.64

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

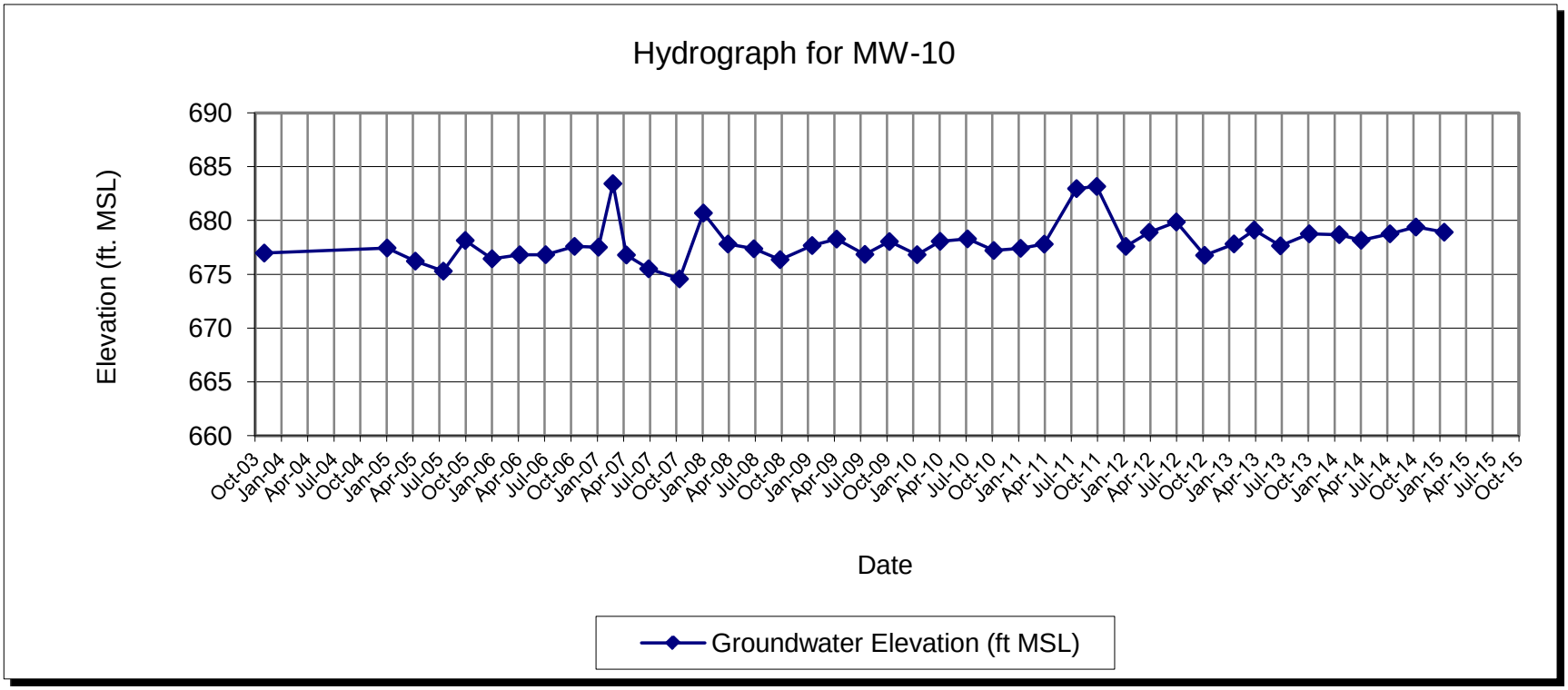
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.41

MONITORING WELL MW-10

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York

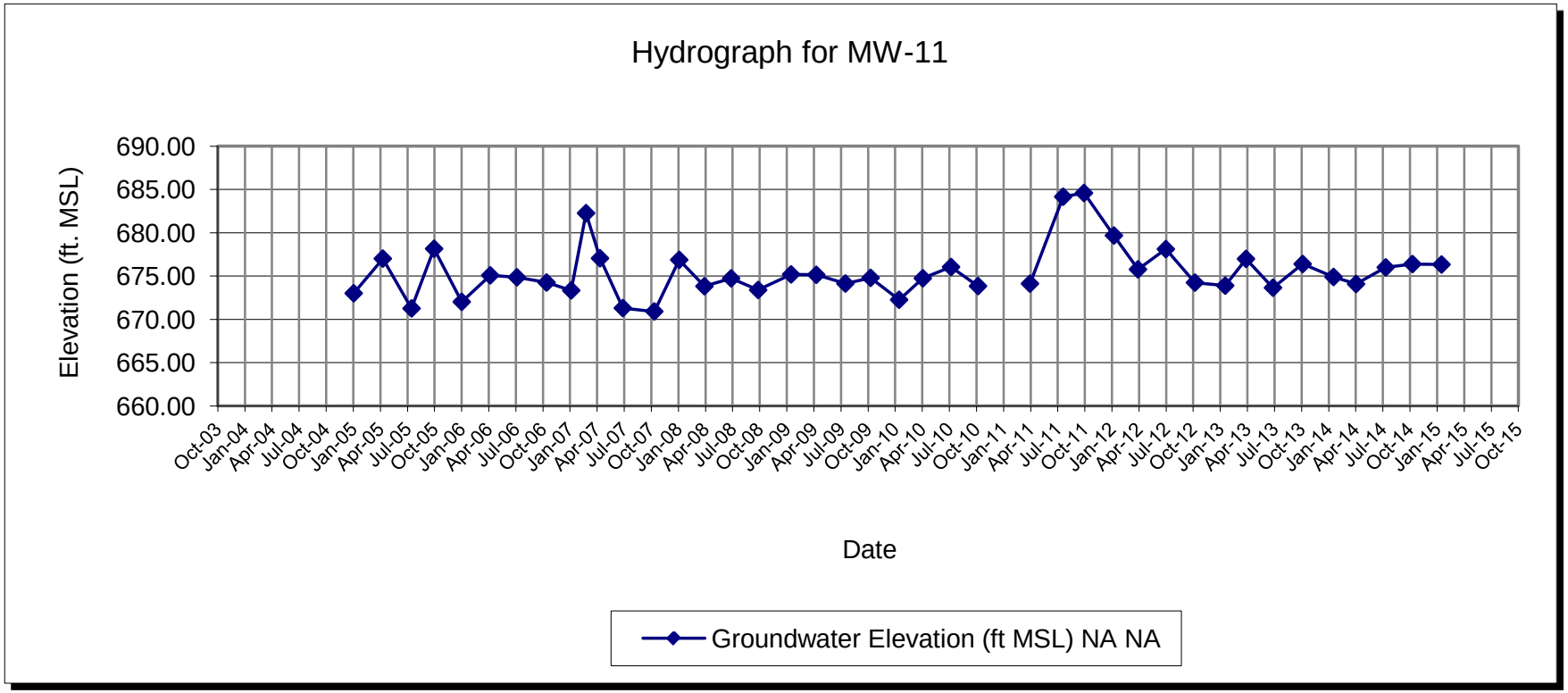


MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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

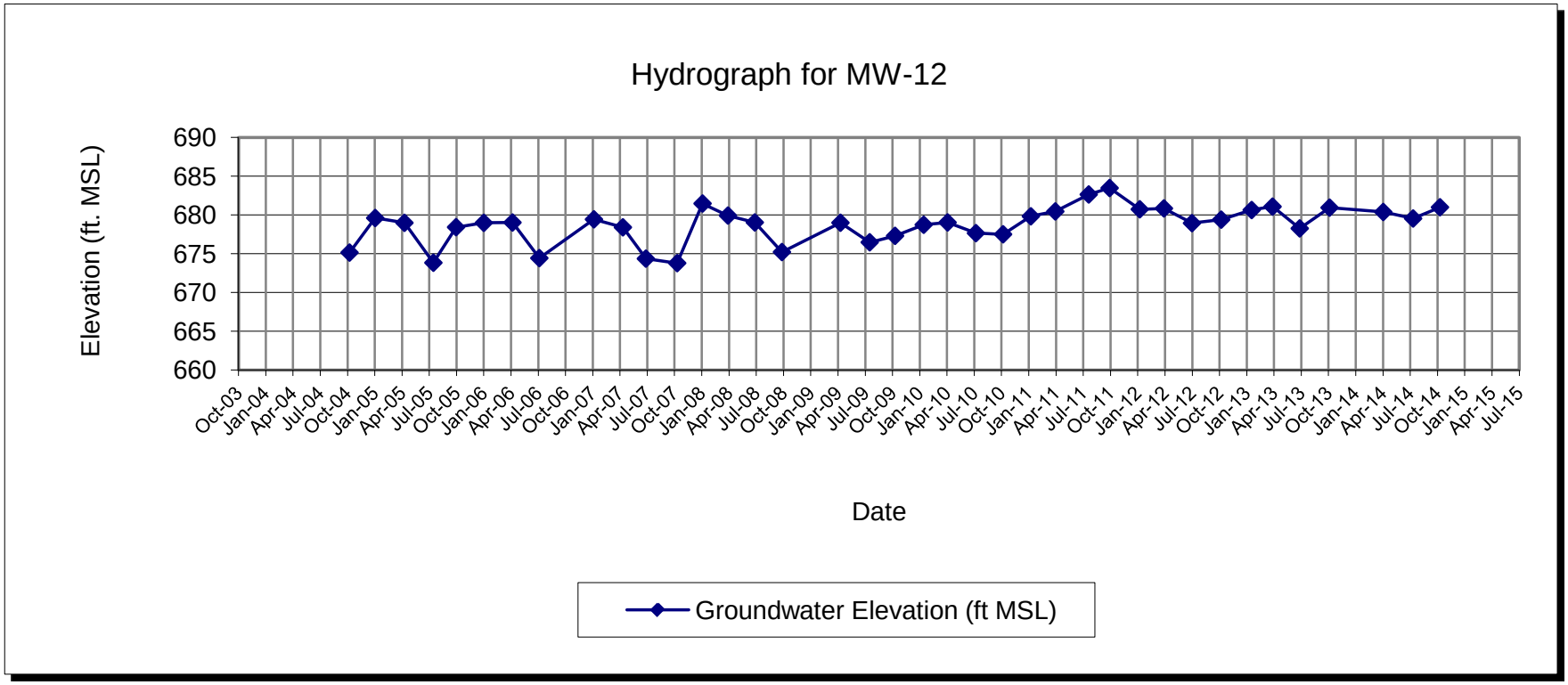
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.79
NM* - Well could not be accessed due to snow cover
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.15

MONITORING WELL MW-12

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



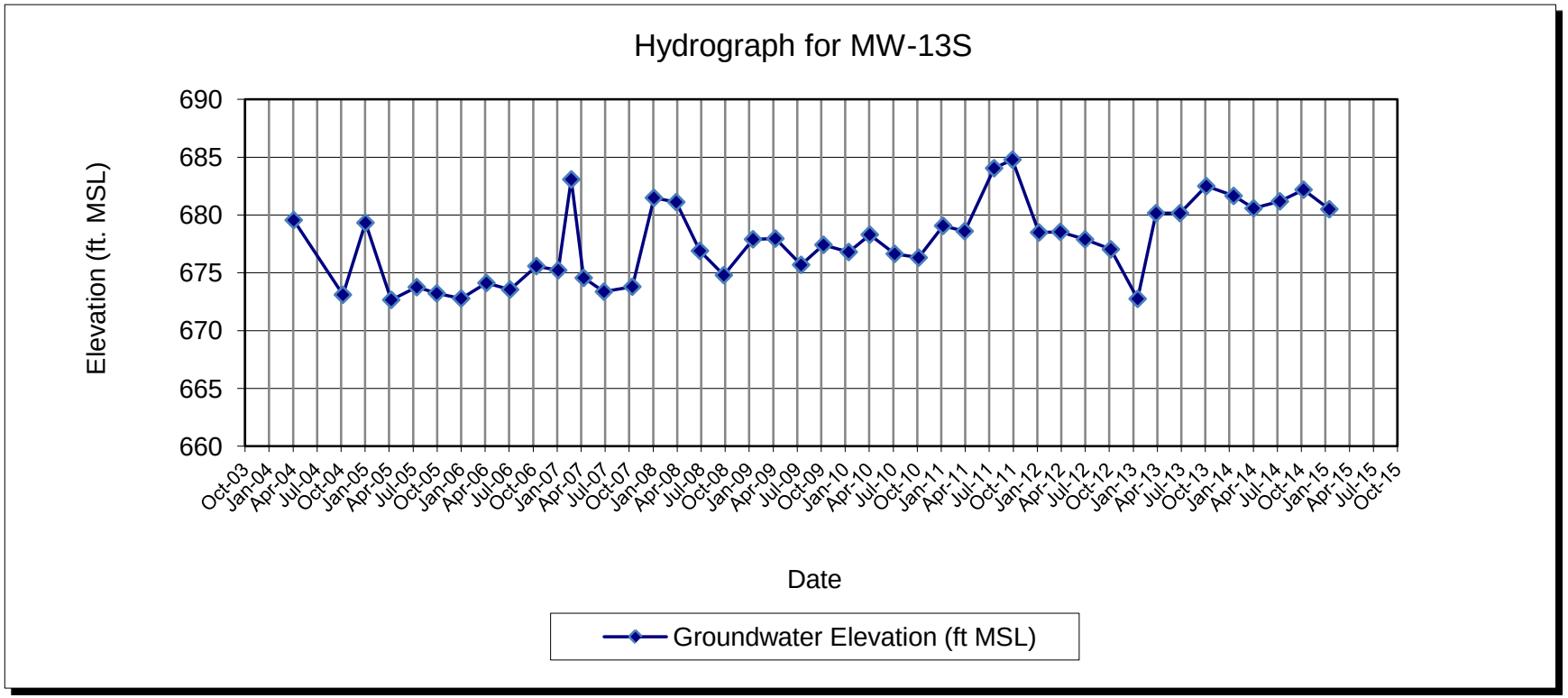
MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

.

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

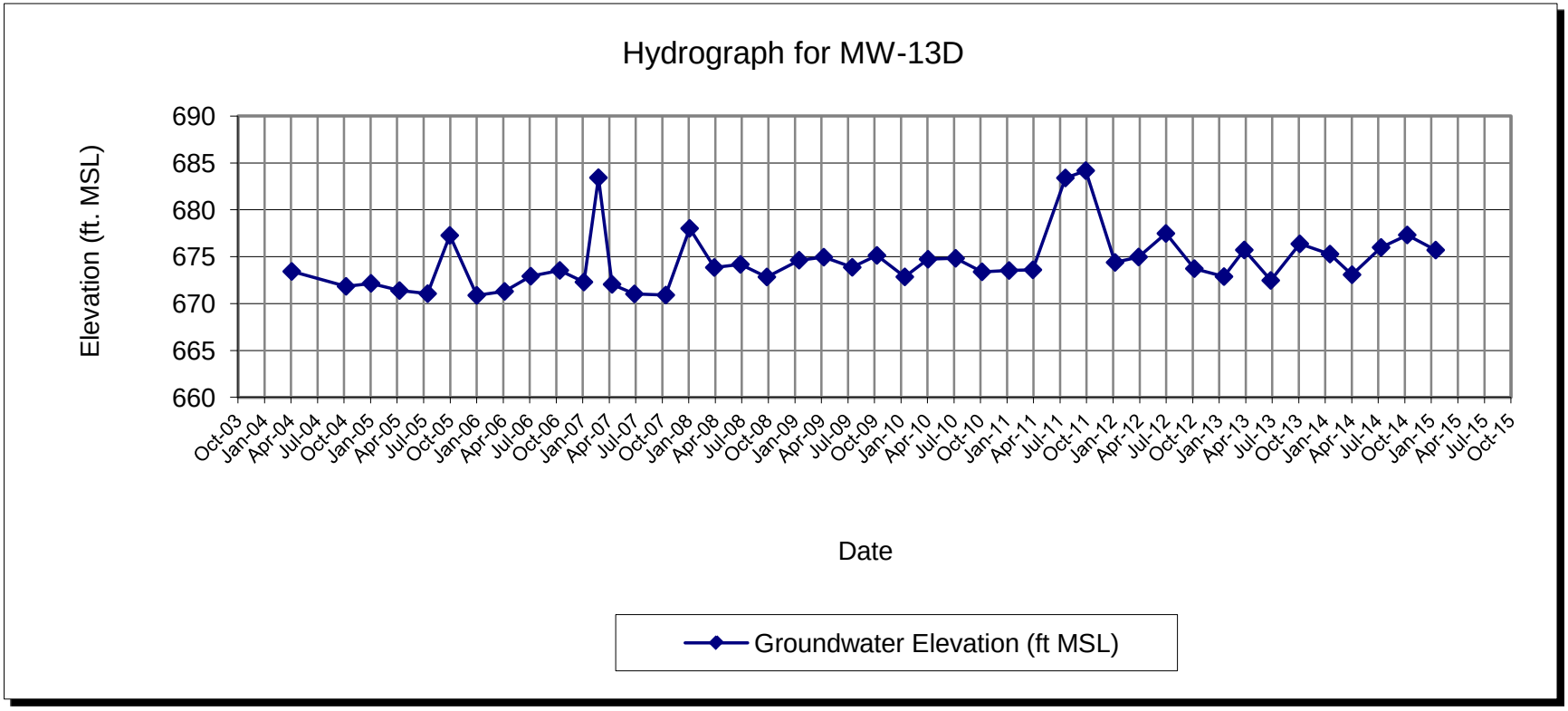


MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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

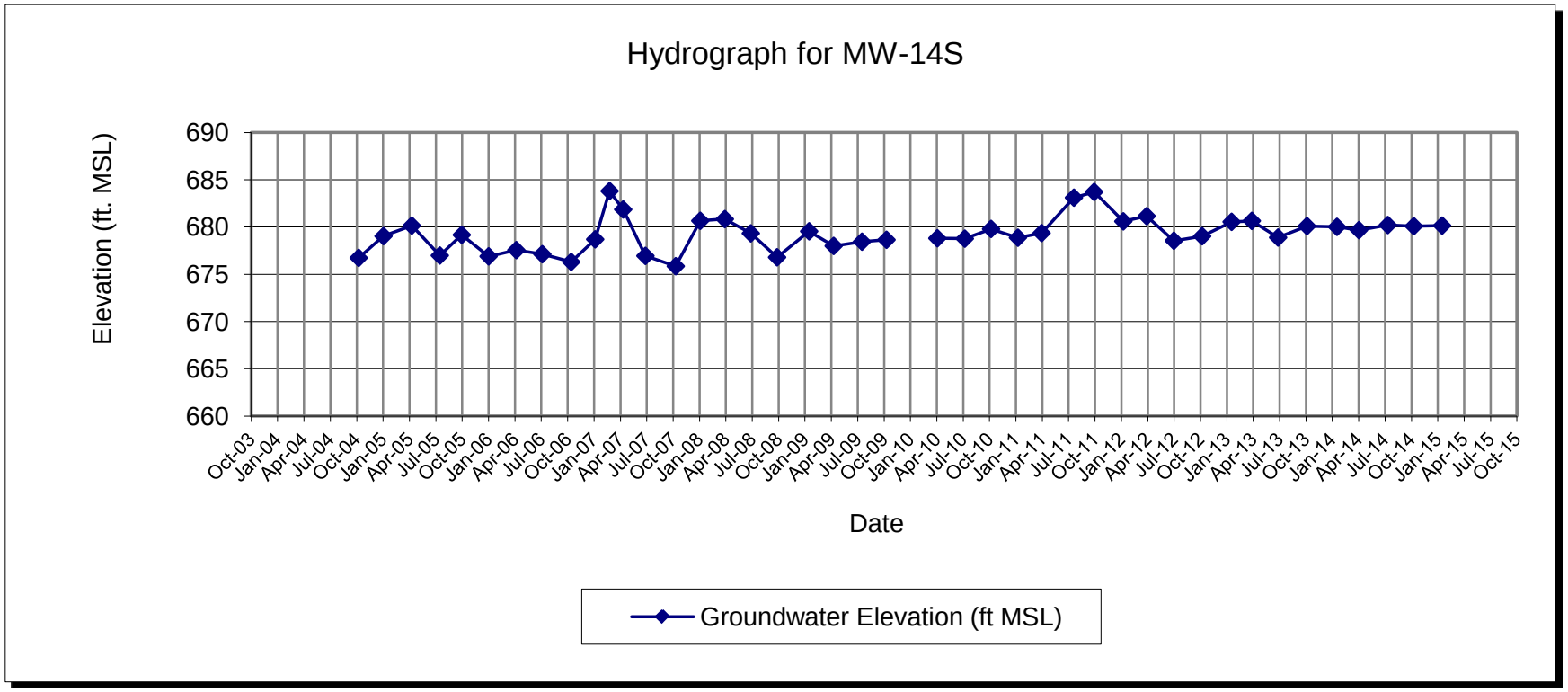


MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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

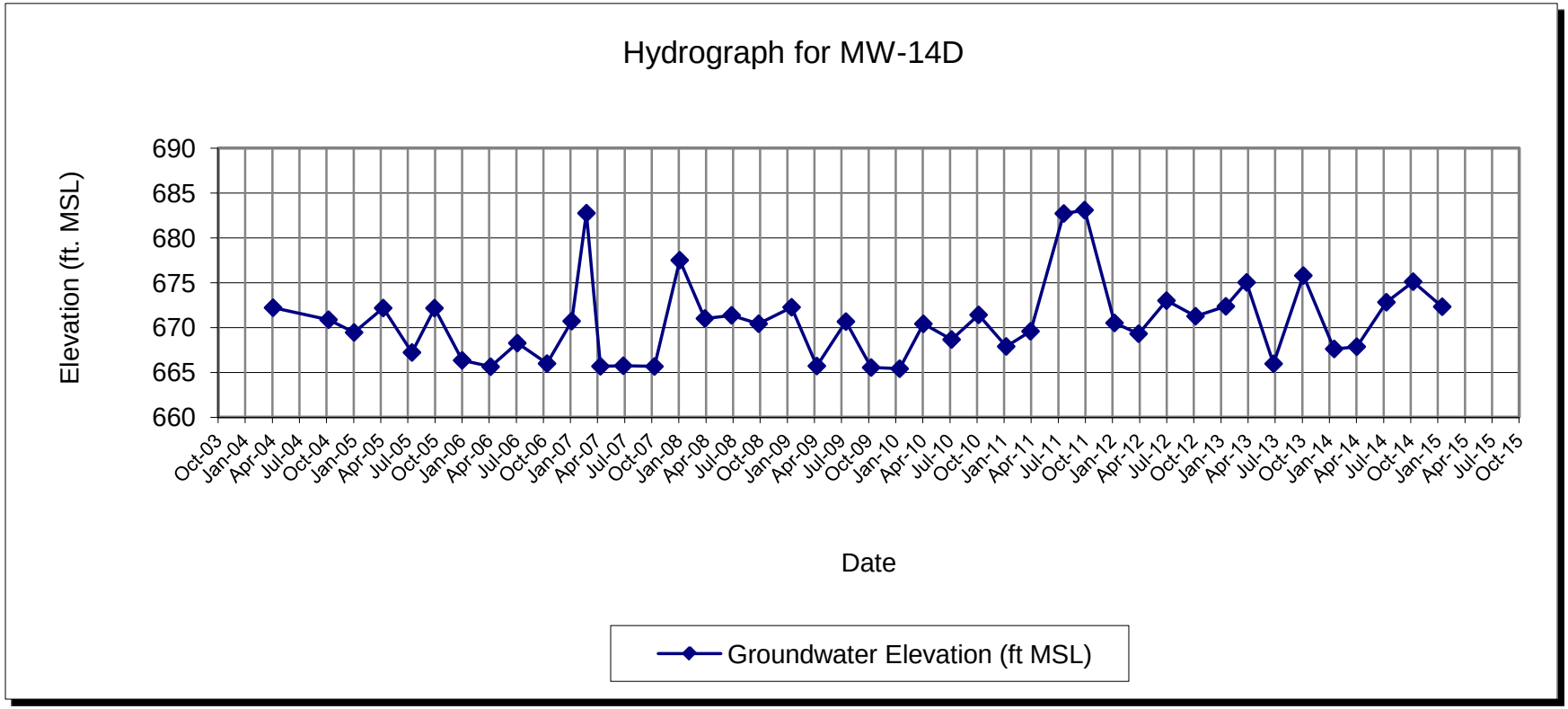


MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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

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

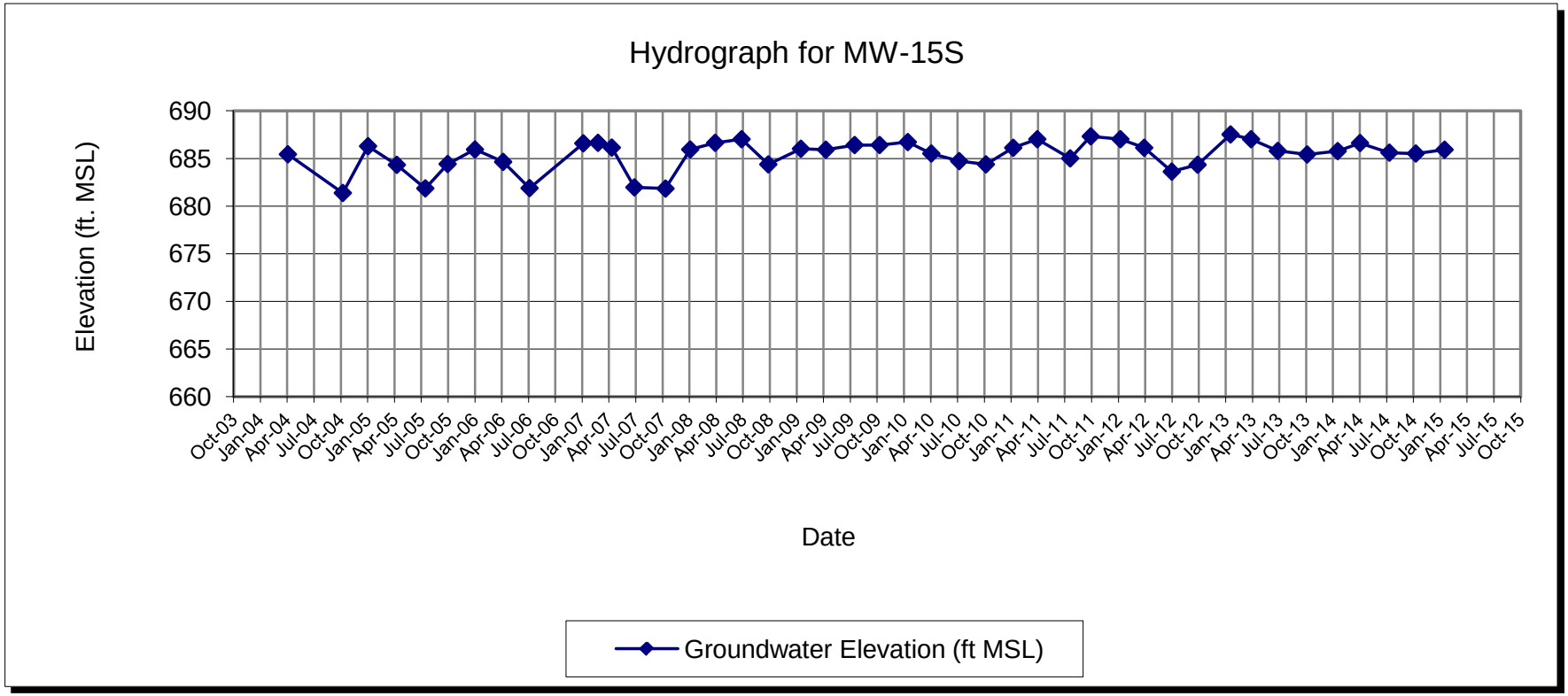
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.52'

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

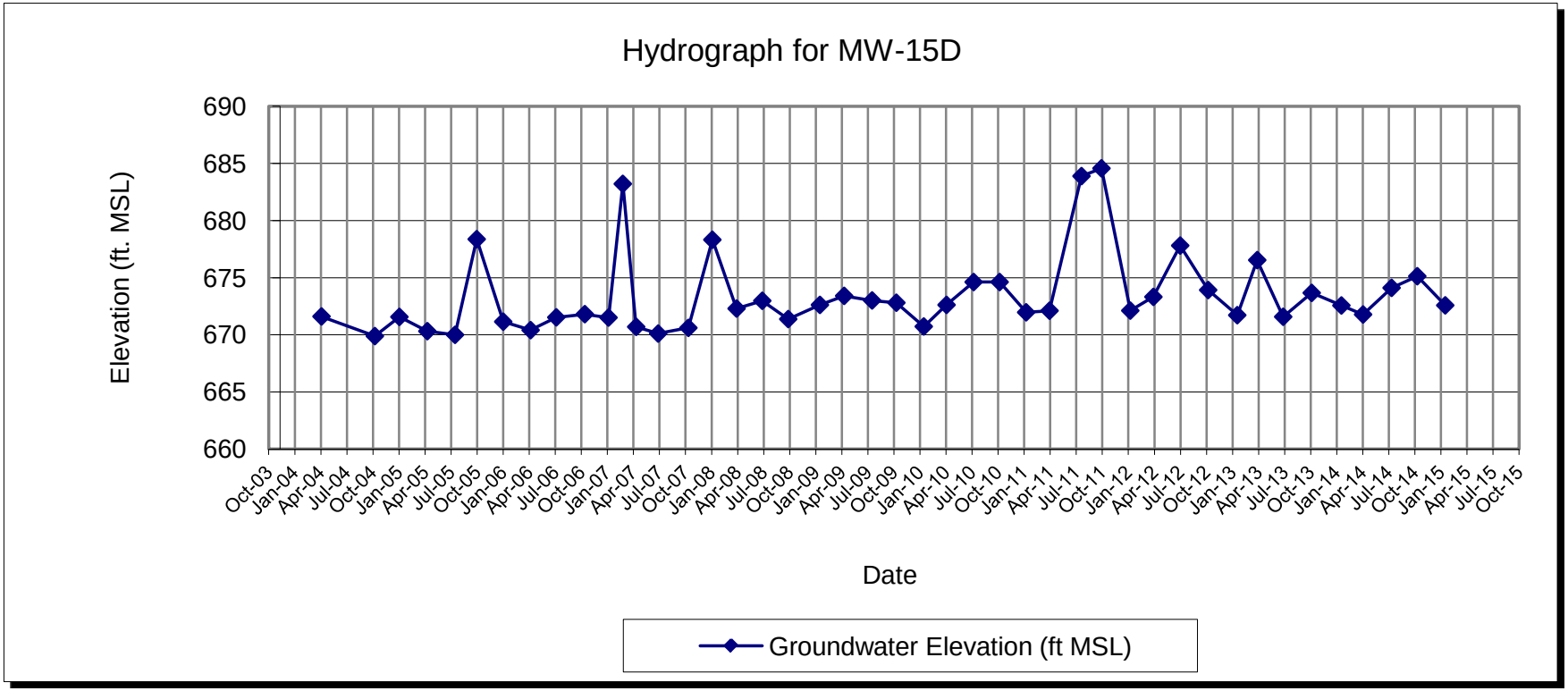
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.31'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.62'

MONITORING WELL MW-15D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York

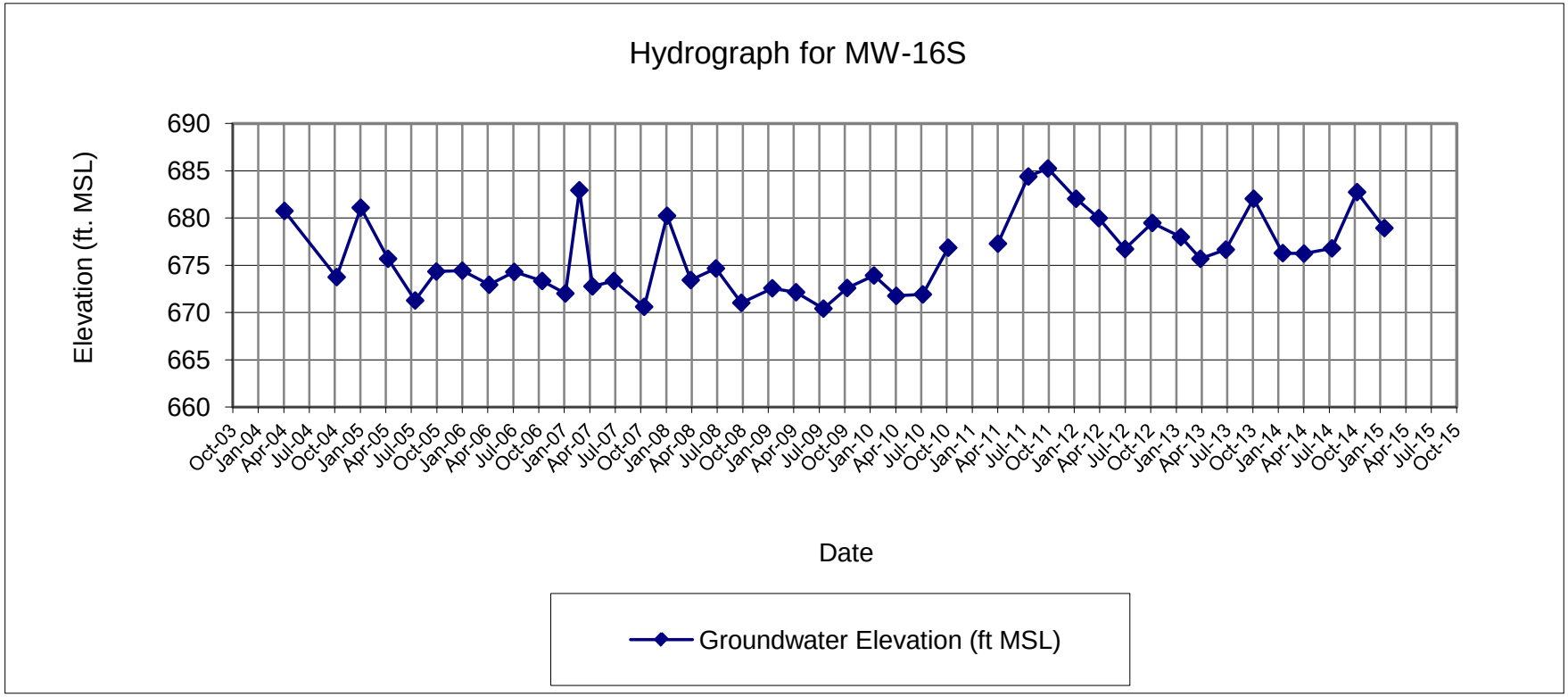


MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

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
1/12/2011	NA	
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

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'

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
1/12/2011	NA	NA
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

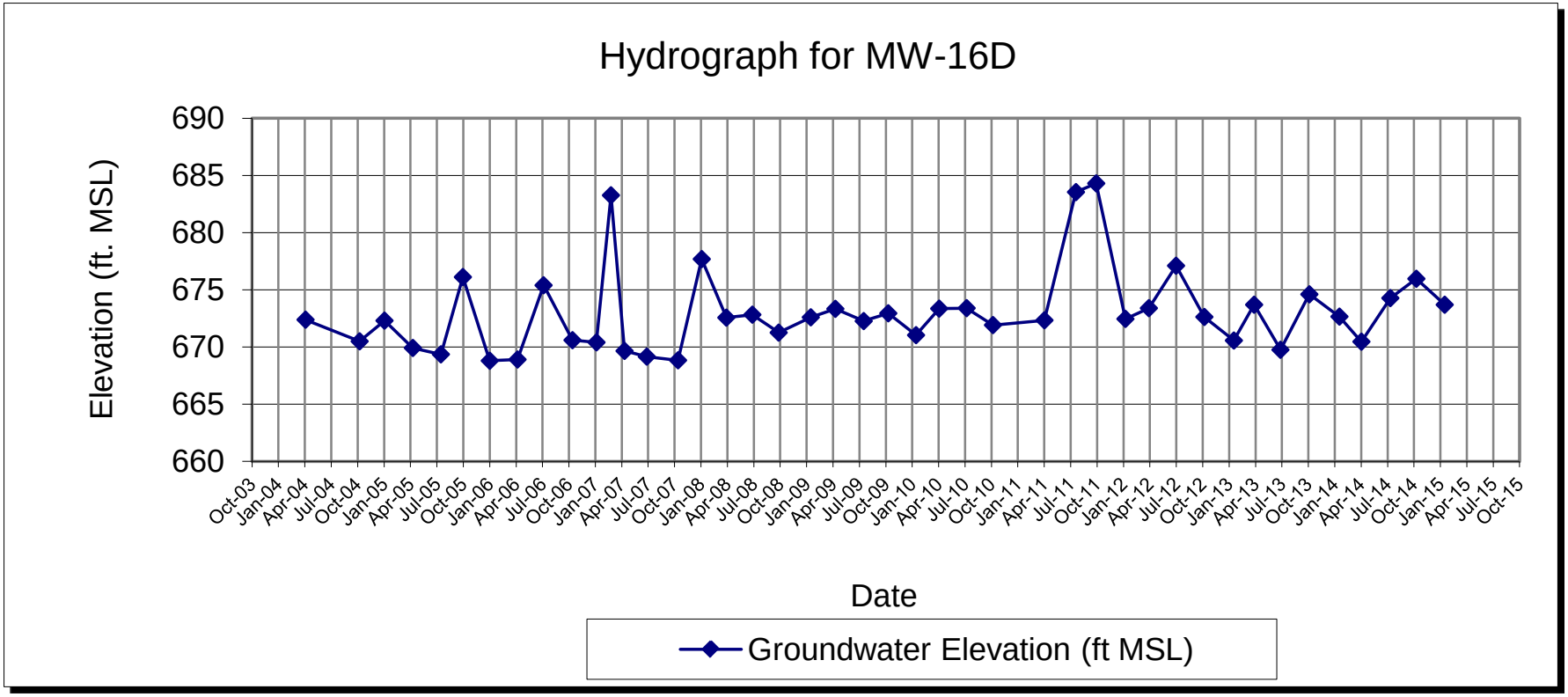
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.01'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 690.55'
TOC Elevation as of 4/7/2011 - 686.01'

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

TestAmerica Job ID: 200-26421-1
Client Project/Site: Scott Aviation site

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, New York 14226

Attn: Mr. Dino Zack

Joseph V. Giacomazza

Authorized for release by:
1/27/2015 4:32:53 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

Table of Contents

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)

Case Narrative

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

TestAmerica Job ID: 200-26421-1

Job ID: 200-26421-1

Laboratory: TestAmerica Burlington

Narrative

Job Narrative
200-26421-1

Receipt
The sample was received on 1/22/2015 10:10 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 21.0º C.

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

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

TestAmerica Job ID: 200-26421-1

Client Sample ID: 1Q15 AS EFFLUENT
Date Collected: 01/20/15 16:00
Date Received: 01/22/15 10:10
Sample Container: Summa Canister 6L

Lab Sample ID: 200-26421-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,1,2-Trichloroethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,1-Dichloroethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,1-Dichloroethene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ppb v/v			01/26/15 13:12	1
1,2,4-Trimethylbenzene	**0.42**		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,2-Dibromoethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,2-Dichlorobenzene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,2-Dichloroethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,2-Dichloroethene, Total	**0.20**		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,2-Dichloropropane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,3,5-Trimethylbenzene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,3-Butadiene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,3-Dichlorobenzene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,4-Dichlorobenzene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
1,4-Dioxane	ND		5.0	5.0	ppb v/v			01/26/15 13:12	1
2,2,4-Trimethylpentane	**0.22**		0.20	0.20	ppb v/v			01/26/15 13:12	1
2-Chlorotoluene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
3-Chloropropene	ND		0.50	0.50	ppb v/v			01/26/15 13:12	1
4-Ethyltoluene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Acetone	ND		5.0	5.0	ppb v/v			01/26/15 13:12	1
Benzene	**0.58**		0.20	0.20	ppb v/v			01/26/15 13:12	1
Bromodichloromethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Bromoform	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Bromomethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Carbon disulfide	**0.60**		0.50	0.50	ppb v/v			01/26/15 13:12	1
Carbon tetrachloride	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Chlorobenzene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Chloroethane	**26**		0.50	0.50	ppb v/v			01/26/15 13:12	1
Chloroform	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Chloromethane	**0.61**		0.50	0.50	ppb v/v			01/26/15 13:12	1
cis-1,2-Dichloroethene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
cis-1,3-Dichloropropene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Cyclohexane	**0.28**		0.20	0.20	ppb v/v			01/26/15 13:12	1
Dibromochloromethane	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Dichlorodifluoromethane	**0.50**		0.50	0.50	ppb v/v			01/26/15 13:12	1
Ethylbenzene	**0.44**		0.20	0.20	ppb v/v			01/26/15 13:12	1
Freon TF	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Hexachlorobutadiene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Isopropyl alcohol	ND		5.0	5.0	ppb v/v			01/26/15 13:12	1
m,p-Xylene	**1.5**		0.50	0.50	ppb v/v			01/26/15 13:12	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50	ppb v/v			01/26/15 13:12	1
Methyl Ethyl Ketone	**0.65**		0.50	0.50	ppb v/v			01/26/15 13:12	1
methyl isobutyl ketone	ND		0.50	0.50	ppb v/v			01/26/15 13:12	1
Methyl tert-butyl ether	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1

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

TestAmerica Job ID: 200-26421-1

Client Sample ID: 1Q15 AS EFFLUENT
Date Collected: 01/20/15 16:00
Date Received: 01/22/15 10:10
Sample Container: Summa Canister 6L

Lab Sample ID: 200-26421-1
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	**0.54**		0.50	0.50	ppb v/v			01/26/15 13:12	1
n-Heptane	**0.46**		0.20	0.20	ppb v/v			01/26/15 13:12	1
n-Hexane	**1.2**		0.20	0.20	ppb v/v			01/26/15 13:12	1
Styrene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
tert-Butyl alcohol	ND		5.0	5.0	ppb v/v			01/26/15 13:12	1
Tetrachloroethene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Tetrahydrofuran	ND		5.0	5.0	ppb v/v			01/26/15 13:12	1
Toluene	**3.5**		0.20	0.20	ppb v/v			01/26/15 13:12	1
trans-1,2-Dichloroethene	**0.20**		0.20	0.20	ppb v/v			01/26/15 13:12	1
trans-1,3-Dichloropropene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Trichloroethene	ND		0.20	0.20	ppb v/v			01/26/15 13:12	1
Trichlorofluoromethane	**0.24**		0.20	0.20	ppb v/v			01/26/15 13:12	1
Vinyl chloride	**0.48**		0.20	0.20	ppb v/v			01/26/15 13:12	1
Xylene (total)	**2.0**		0.20	0.20	ppb v/v			01/26/15 13:12	1
Xylene, o-	**0.53**		0.20	0.20	ppb v/v			01/26/15 13:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	1.1	ug/m3			01/26/15 13:12	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4	ug/m3			01/26/15 13:12	1
1,1,2-Trichloroethane	ND		1.1	1.1	ug/m3			01/26/15 13:12	1
1,1-Dichloroethane	ND		0.81	0.81	ug/m3			01/26/15 13:12	1
1,1-Dichloroethene	ND		0.79	0.79	ug/m3			01/26/15 13:12	1
1,2,4-Trichlorobenzene	ND		3.7	3.7	ug/m3			01/26/15 13:12	1
1,2,4-Trimethylbenzene	**2.0**		0.98	0.98	ug/m3			01/26/15 13:12	1
1,2-Dibromoethane	ND		1.5	1.5	ug/m3			01/26/15 13:12	1
1,2-Dichlorobenzene	ND		1.2	1.2	ug/m3			01/26/15 13:12	1
1,2-Dichloroethane	ND		0.81	0.81	ug/m3			01/26/15 13:12	1
1,2-Dichloroethene, Total	**0.79**		0.79	0.79	ug/m3			01/26/15 13:12	1
1,2-Dichloropropane	ND		0.92	0.92	ug/m3			01/26/15 13:12	1
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4	ug/m3			01/26/15 13:12	1
1,3,5-Trimethylbenzene	ND		0.98	0.98	ug/m3			01/26/15 13:12	1
1,3-Butadiene	ND		0.44	0.44	ug/m3			01/26/15 13:12	1
1,3-Dichlorobenzene	ND		1.2	1.2	ug/m3			01/26/15 13:12	1
1,4-Dichlorobenzene	ND		1.2	1.2	ug/m3			01/26/15 13:12	1
1,4-Dioxane	ND		18	18	ug/m3			01/26/15 13:12	1
2,2,4-Trimethylpentane	**1.0**		0.93	0.93	ug/m3			01/26/15 13:12	1
2-Chlorotoluene	ND		1.0	1.0	ug/m3			01/26/15 13:12	1
3-Chloropropene	ND		1.6	1.6	ug/m3			01/26/15 13:12	1
4-Ethyltoluene	ND		0.98	0.98	ug/m3			01/26/15 13:12	1
Acetone	ND		12	12	ug/m3			01/26/15 13:12	1
Benzene	**1.8**		0.64	0.64	ug/m3			01/26/15 13:12	1
Bromodichloromethane	ND		1.3	1.3	ug/m3			01/26/15 13:12	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.87	ug/m3			01/26/15 13:12	1
Bromoform	ND		2.1	2.1	ug/m3			01/26/15 13:12	1
Bromomethane	ND		0.78	0.78	ug/m3			01/26/15 13:12	1
Carbon disulfide	**1.9**		1.6	1.6	ug/m3			01/26/15 13:12	1
Carbon tetrachloride	ND		1.3	1.3	ug/m3			01/26/15 13:12	1
Chlorobenzene	ND		0.92	0.92	ug/m3			01/26/15 13:12	1
Chloroethane	**69**		1.3	1.3	ug/m3			01/26/15 13:12	1

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

TestAmerica Job ID: 200-26421-1

Client Sample ID: 1Q15 AS EFFLUENT
Lab Sample ID: 200-26421-1
Date Collected: 01/20/15 16:00
Matrix: Air
Date Received: 01/22/15 10:10
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	ND		0.98	0.98	ug/m3			01/26/15 13:12	1
Chloromethane	**1.3**		1.0	1.0	ug/m3			01/26/15 13:12	1
cis-1,2-Dichloroethene	ND		0.79	0.79	ug/m3			01/26/15 13:12	1
cis-1,3-Dichloropropene	ND		0.91	0.91	ug/m3			01/26/15 13:12	1
Cyclohexane	**0.95**		0.69	0.69	ug/m3			01/26/15 13:12	1
Dibromochloromethane	ND		1.7	1.7	ug/m3			01/26/15 13:12	1
Dichlorodifluoromethane	**2.5**		2.5	2.5	ug/m3			01/26/15 13:12	1
Ethylbenzene	**1.9**		0.87	0.87	ug/m3			01/26/15 13:12	1
Freon TF	ND		1.5	1.5	ug/m3			01/26/15 13:12	1
Hexachlorobutadiene	ND		2.1	2.1	ug/m3			01/26/15 13:12	1
Isopropyl alcohol	ND		12	12	ug/m3			01/26/15 13:12	1
m,p-Xylene	**6.6**		2.2	2.2	ug/m3			01/26/15 13:12	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0	ug/m3			01/26/15 13:12	1
Methyl Ethyl Ketone	**1.9**		1.5	1.5	ug/m3			01/26/15 13:12	1
methyl isobutyl ketone	ND		2.0	2.0	ug/m3			01/26/15 13:12	1
Methyl tert-butyl ether	ND		0.72	0.72	ug/m3			01/26/15 13:12	1
Methylene Chloride	**1.9**		1.7	1.7	ug/m3			01/26/15 13:12	1
n-Heptane	**1.9**		0.82	0.82	ug/m3			01/26/15 13:12	1
n-Hexane	**4.1**		0.70	0.70	ug/m3			01/26/15 13:12	1
Styrene	ND		0.85	0.85	ug/m3			01/26/15 13:12	1
tert-Butyl alcohol	ND		15	15	ug/m3			01/26/15 13:12	1
Tetrachloroethene	ND		1.4	1.4	ug/m3			01/26/15 13:12	1
Tetrahydrofuran	ND		15	15	ug/m3			01/26/15 13:12	1
Toluene	**13**		0.75	0.75	ug/m3			01/26/15 13:12	1
trans-1,2-Dichloroethene	**0.79**		0.79	0.79	ug/m3			01/26/15 13:12	1
trans-1,3-Dichloropropene	ND		0.91	0.91	ug/m3			01/26/15 13:12	1
Trichloroethene	ND		1.1	1.1	ug/m3			01/26/15 13:12	1
Trichlorofluoromethane	**1.3**		1.1	1.1	ug/m3			01/26/15 13:12	1
Vinyl chloride	**1.2**		0.51	0.51	ug/m3			01/26/15 13:12	1
Xylene (total)	**8.8**		0.87	0.87	ug/m3			01/26/15 13:12	1
Xylene, o-	**2.3**		0.87	0.87	ug/m3			01/26/15 13:12	1

Lab Chronicle

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

TestAmerica Job ID: 200-26421-1

Client Sample ID: 1Q15 AS EFFLUENT — **Lab Sample ID: 200-26421-1**
Date Collected: 01/20/15 16:00 — **Matrix: Air**
Date Received: 01/22/15 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	83813	01/26/15 13:12	BPL	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: 200-26421-1

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	09-30-15
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-13-16
Florida	NELAP	4	E87467	06-30-15
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-15 *
Minnesota	NELAP	5	050-999-436	12-31-15
New Hampshire	NELAP	1	2006	12-18-15
New Jersey	NELAP	2	VT972	06-30-15
New York	NELAP	2	10391	03-31-15 *
Pennsylvania	NELAP	3	68-00489	04-30-15 *
Rhode Island	State Program	1	LAO00298	12-30-15
US Fish & Wildlife	Federal		LE-058448-0	02-28-16
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-15
Virginia	NELAP	3	460209	12-14-15

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	03-31-15 *

* Certification renewal pending - certification considered valid.

Method Summary

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

TestAmerica Job ID: 200-26421-1

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: 200-26421-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-26421-1	1Q15 AS EFFLUENT	Air	01/20/15 16:00	01/22/15 10:10

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 ___ COCs
Company: AECOM	Phone: 716 836 4506 ext 15		
Address: 100 Corporate Parkway	Email: dino.zack@aecom.com		
City/State/Zip: Amherst, NY 14226			
Phone: 716 836 4506 ext 15	Site Contact: ~~R.E.~~ Dino Zack		
FAX:	TA Contact: Brian Fischer		
Project Name: South Avenue IQ15	**Analysis Turnaround Time**		
Site: Lancaster NY	Standard (Specify) STD		
PO #	Rush (Specify)		

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)
IQ15 AS Effluent	1/20/15	1600	1600	-29.3		NA	3505	X											V

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		

Pressure (inches of Hg)		
	Interior	Ambient
Start		
Stop		

200-26421 Chain of Custody

Special Instructions/QC Requirements & Comments:
Air sample from air stripper effluent stack

Samples Shipped by: DHL	Date/Time: 1/20/15 1620hrs	Samples Received by: [illegible] @ 1/21/15 @ 1105	
Samples Relinquished by: [illegible]	Date/Time: 1/21/15 @ 1200	Received by: [illegible] 1/22/15 1010	TA BUR
Relinquished by:	Date/Time:	Received by:	

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

ORIGIN ID:DKKA (716) 691-2600
KEN KINECKI
TESTAMERICA
10 HAZELWOOD DR

AMHERST, NY 14228
UNITED STATES US

SHIP DATE: 21JAN15
ACTWGT: 8.0 LB MAN
CAD: 735603/CAFE2806
DIMS: 18x10x10 IN

BILL SENDER

TO SAMPLE CONTROL
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990 REF:
INV:
PO: DEPT:

FedEx Express

THU - 22 JAN AA
TRK# 0201 6130 4383 8737 STANDARD OVERNIGHT

EK BTVA

05403
VT-US BTV

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 200-26421-1

Login Number: 26421

List Source: TestAmerica Burlington

List Number: 1

Creator: Atherton, Joel E

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Refer to Job Narrative for details.
The cooler's custody seal, if present, is intact.	N/A	Not present
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.	True	AMBIENT
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.	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	
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: 200-26421-1

Login Number: 26421

List Source: TestAmerica Burlington

List Number: 2

Creator: Atherton, Joel E

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.		
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.		

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: 480-74489-1
Client Project/Site: Scott Aviation site

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, New York 14226

Attn: Mr. Dino Zack

Joseph V. Giacomazza

Authorized for release by:
2/4/2015 11:05:06 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

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

Table of Contents

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

TestAmerica Job ID: 480-74489-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.

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: 480-74489-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-74489-1

Receipt
The samples were received on 1/21/2015 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: Duplicate (480-74489-10), MW-13S (480-74489-8), MW-16S (480-74489-9), MW-4 (480-74489-3), MW-8R (480-74489-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-11 (480-74489-7), MW-2 (480-74489-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: Duplicate (480-74489-10), MW-16S (480-74489-9), MW-4 (480-74489-3), MW-8R (480-74489-5).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: (480-74489-3 MS), (480-74489-3 MSD), MW-4 (480-74489-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: (480-74489-3 MS), (480-74489-3 MSD), MW-4 (480-74489-3).

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: 480-74489-1

Client Sample ID: MW-2
Date Collected: 01/20/15 08:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-1
Matrix: Ground 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			01/31/15 13:45	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			01/31/15 13:45	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			01/31/15 13:45	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			01/31/15 13:45	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			01/31/15 13:45	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			01/31/15 13:45	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			01/31/15 13:45	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			01/31/15 13:45	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			01/31/15 13:45	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			01/31/15 13:45	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			01/31/15 13:45	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			01/31/15 13:45	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			01/31/15 13:45	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			01/31/15 13:45	5
2-Butanone (MEK)	ND		50	6.6	ug/L			01/31/15 13:45	5
2-Hexanone	ND		25	6.2	ug/L			01/31/15 13:45	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			01/31/15 13:45	5
Acetone	ND		50	15	ug/L			01/31/15 13:45	5
Benzene	ND		5.0	2.1	ug/L			01/31/15 13:45	5
Bromodichloromethane	ND		5.0	2.0	ug/L			01/31/15 13:45	5
Bromoform	ND		5.0	1.3	ug/L			01/31/15 13:45	5
Bromomethane	ND		5.0	3.5	ug/L			01/31/15 13:45	5
Carbon disulfide	ND		5.0	0.95	ug/L			01/31/15 13:45	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			01/31/15 13:45	5
Chlorobenzene	ND		5.0	3.8	ug/L			01/31/15 13:45	5
Chloroethane	ND		5.0	1.6	ug/L			01/31/15 13:45	5
Chloroform	ND		5.0	1.7	ug/L			01/31/15 13:45	5
Chloromethane	ND		5.0	1.8	ug/L			01/31/15 13:45	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			01/31/15 13:45	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			01/31/15 13:45	5
Cyclohexane	ND		5.0	0.90	ug/L			01/31/15 13:45	5
Dibromochloromethane	ND		5.0	1.6	ug/L			01/31/15 13:45	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			01/31/15 13:45	5
Ethylbenzene	ND		5.0	3.7	ug/L			01/31/15 13:45	5
Isopropylbenzene	ND		5.0	4.0	ug/L			01/31/15 13:45	5
Methyl acetate	ND		13	2.5	ug/L			01/31/15 13:45	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			01/31/15 13:45	5
Methylcyclohexane	ND		5.0	0.80	ug/L			01/31/15 13:45	5
Methylene Chloride	ND		5.0	2.2	ug/L			01/31/15 13:45	5
Styrene	ND		5.0	3.7	ug/L			01/31/15 13:45	5
Tetrachloroethene	ND		5.0	1.8	ug/L			01/31/15 13:45	5
Toluene	ND		5.0	2.6	ug/L			01/31/15 13:45	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			01/31/15 13:45	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			01/31/15 13:45	5
Trichloroethene	ND		5.0	2.3	ug/L			01/31/15 13:45	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			01/31/15 13:45	5
Vinyl chloride	ND		5.0	4.5	ug/L			01/31/15 13:45	5
Xylenes, Total	ND		10	3.3	ug/L			01/31/15 13:45	5

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-2
Date Collected: 01/20/15 08:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		01/31/15 13:45	5
4-Bromofluorobenzene (Surr)	98		73 - 120		01/31/15 13:45	5
Toluene-d8 (Surr)	100		71 - 126		01/31/15 13:45	5

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-3
Date Collected: 01/20/15 13:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-2
Matrix: Ground 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			01/31/15 14:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/15 14:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/31/15 14:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/15 14:10	1
1,1-Dichloroethane	**4.9**		1.0	0.38	ug/L			01/31/15 14:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/15 14:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/31/15 14:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/31/15 14:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/31/15 14:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/31/15 14:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/15 14:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/15 14:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/31/15 14:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/31/15 14:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/31/15 14:10	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/15 14:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/15 14:10	1
Acetone	ND		10	3.0	ug/L			01/31/15 14:10	1
Benzene	ND		1.0	0.41	ug/L			01/31/15 14:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/15 14:10	1
Bromoform	ND		1.0	0.26	ug/L			01/31/15 14:10	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/15 14:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/15 14:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/15 14:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/15 14:10	1
Chloroethane	**0.64**	**J**	1.0	0.32	ug/L			01/31/15 14:10	1
Chloroform	ND		1.0	0.34	ug/L			01/31/15 14:10	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/15 14:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/15 14:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/15 14:10	1
Cyclohexane	ND		1.0	0.18	ug/L			01/31/15 14:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/15 14:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/31/15 14:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/15 14:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/31/15 14:10	1
Methyl acetate	ND		2.5	0.50	ug/L			01/31/15 14:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/31/15 14:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/31/15 14:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/15 14:10	1
Styrene	ND		1.0	0.73	ug/L			01/31/15 14:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/15 14:10	1
Toluene	ND		1.0	0.51	ug/L			01/31/15 14:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/15 14:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/15 14:10	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/15 14:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/31/15 14:10	1
Vinyl chloride	**1.5**		1.0	0.90	ug/L			01/31/15 14:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/15 14:10	1

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-3
Date Collected: 01/20/15 13:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-2
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		01/31/15 14:10	1
4-Bromofluorobenzene (Surr)	98		73 - 120		01/31/15 14:10	1
Toluene-d8 (Surr)	98		71 - 126		01/31/15 14:10	1

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-4
Date Collected: 01/21/15 08:20
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-3
Matrix: Ground 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		1000	820	ug/L			01/31/15 14:35	1000
1,1,2,2-Tetrachloroethane	ND		1000	210	ug/L			01/31/15 14:35	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	310	ug/L			01/31/15 14:35	1000
1,1,2-Trichloroethane	ND		1000	230	ug/L			01/31/15 14:35	1000
1,1-Dichloroethane	**1600**		1000	380	ug/L			01/31/15 14:35	1000
1,1-Dichloroethene	**720**	**J**	1000	290	ug/L			01/31/15 14:35	1000
1,2,4-Trichlorobenzene	ND		1000	410	ug/L			01/31/15 14:35	1000
1,2-Dibromo-3-Chloropropane	ND		1000	390	ug/L			01/31/15 14:35	1000
1,2-Dibromoethane	ND		1000	730	ug/L			01/31/15 14:35	1000
1,2-Dichlorobenzene	ND		1000	790	ug/L			01/31/15 14:35	1000
1,2-Dichloroethane	ND		1000	210	ug/L			01/31/15 14:35	1000
1,2-Dichloropropane	ND		1000	720	ug/L			01/31/15 14:35	1000
1,3-Dichlorobenzene	ND		1000	780	ug/L			01/31/15 14:35	1000
1,4-Dichlorobenzene	ND		1000	840	ug/L			01/31/15 14:35	1000
2-Butanone (MEK)	ND		10000	1300	ug/L			01/31/15 14:35	1000
2-Hexanone	ND		5000	1200	ug/L			01/31/15 14:35	1000
4-Methyl-2-pentanone (MIBK)	ND		5000	2100	ug/L			01/31/15 14:35	1000
Acetone	ND		10000	3000	ug/L			01/31/15 14:35	1000
Benzene	ND		1000	410	ug/L			01/31/15 14:35	1000
Bromodichloromethane	ND		1000	390	ug/L			01/31/15 14:35	1000
Bromoform	ND		1000	260	ug/L			01/31/15 14:35	1000
Bromomethane	ND		1000	690	ug/L			01/31/15 14:35	1000
Carbon disulfide	ND		1000	190	ug/L			01/31/15 14:35	1000
Carbon tetrachloride	ND		1000	270	ug/L			01/31/15 14:35	1000
Chlorobenzene	ND		1000	750	ug/L			01/31/15 14:35	1000
Chloroethane	ND		1000	320	ug/L			01/31/15 14:35	1000
Chloroform	ND		1000	340	ug/L			01/31/15 14:35	1000
Chloromethane	ND		1000	350	ug/L			01/31/15 14:35	1000
cis-1,2-Dichloroethene	**170000**	**E**	1000	810	ug/L			01/31/15 14:35	1000
cis-1,3-Dichloropropene	ND		1000	360	ug/L			01/31/15 14:35	1000
Cyclohexane	ND		1000	180	ug/L			01/31/15 14:35	1000
Dibromochloromethane	ND		1000	320	ug/L			01/31/15 14:35	1000
Dichlorodifluoromethane	ND		1000	680	ug/L			01/31/15 14:35	1000
Ethylbenzene	ND		1000	740	ug/L			01/31/15 14:35	1000
Isopropylbenzene	ND		1000	790	ug/L			01/31/15 14:35	1000
Methyl acetate	ND		2500	500	ug/L			01/31/15 14:35	1000
Methyl tert-butyl ether	ND		1000	160	ug/L			01/31/15 14:35	1000
Methylcyclohexane	ND		1000	160	ug/L			01/31/15 14:35	1000
Methylene Chloride	ND		1000	440	ug/L			01/31/15 14:35	1000
Styrene	ND		1000	730	ug/L			01/31/15 14:35	1000
Tetrachloroethene	ND		1000	360	ug/L			01/31/15 14:35	1000
Toluene	ND		1000	510	ug/L			01/31/15 14:35	1000
trans-1,2-Dichloroethene	ND		1000	900	ug/L			01/31/15 14:35	1000
trans-1,3-Dichloropropene	ND		1000	370	ug/L			01/31/15 14:35	1000
Trichloroethene	**1800**		1000	460	ug/L			01/31/15 14:35	1000
Trichlorofluoromethane	ND		1000	880	ug/L			01/31/15 14:35	1000
Vinyl chloride	**5700**		1000	900	ug/L			01/31/15 14:35	1000
Xylenes, Total	ND		2000	660	ug/L			01/31/15 14:35	1000

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-4
Date Collected: 01/21/15 08:20
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-3
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*01/31/15 14:35*	*1000*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*01/31/15 14:35*	*1000*
Toluene-d8 (Surr)	*98*		*71 - 126*		*01/31/15 14:35*	*1000*

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		4000	3300	ug/L			02/02/15 12:14	4000
1,1,2,2-Tetrachloroethane	ND		4000	840	ug/L			02/02/15 12:14	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200	ug/L			02/02/15 12:14	4000
1,1,2-Trichloroethane	ND		4000	920	ug/L			02/02/15 12:14	4000
1,1-Dichloroethane	**1600**	**J**	4000	1500	ug/L			02/02/15 12:14	4000
1,1-Dichloroethene	ND		4000	1200	ug/L			02/02/15 12:14	4000
1,2,4-Trichlorobenzene	ND		4000	1600	ug/L			02/02/15 12:14	4000
1,2-Dibromo-3-Chloropropane	ND		4000	1600	ug/L			02/02/15 12:14	4000
1,2-Dibromoethane	ND		4000	2900	ug/L			02/02/15 12:14	4000
1,2-Dichlorobenzene	ND		4000	3200	ug/L			02/02/15 12:14	4000
1,2-Dichloroethane	ND		4000	840	ug/L			02/02/15 12:14	4000
1,2-Dichloropropane	ND		4000	2900	ug/L			02/02/15 12:14	4000
1,3-Dichlorobenzene	ND		4000	3100	ug/L			02/02/15 12:14	4000
1,4-Dichlorobenzene	ND		4000	3400	ug/L			02/02/15 12:14	4000
2-Butanone (MEK)	ND		40000	5300	ug/L			02/02/15 12:14	4000
2-Hexanone	ND		20000	5000	ug/L			02/02/15 12:14	4000
4-Methyl-2-pentanone (MIBK)	ND		20000	8400	ug/L			02/02/15 12:14	4000
Acetone	ND		40000	12000	ug/L			02/02/15 12:14	4000
Benzene	ND		4000	1600	ug/L			02/02/15 12:14	4000
Bromodichloromethane	ND		4000	1600	ug/L			02/02/15 12:14	4000
Bromoform	ND		4000	1000	ug/L			02/02/15 12:14	4000
Bromomethane	ND		4000	2800	ug/L			02/02/15 12:14	4000
Carbon disulfide	ND		4000	760	ug/L			02/02/15 12:14	4000
Carbon tetrachloride	ND		4000	1100	ug/L			02/02/15 12:14	4000
Chlorobenzene	ND		4000	3000	ug/L			02/02/15 12:14	4000
Chloroethane	ND		4000	1300	ug/L			02/02/15 12:14	4000
Chloroform	ND		4000	1400	ug/L			02/02/15 12:14	4000
Chloromethane	ND		4000	1400	ug/L			02/02/15 12:14	4000
cis-1,2-Dichloroethene	**170000**		4000	3200	ug/L			02/02/15 12:14	4000
cis-1,3-Dichloropropene	ND		4000	1400	ug/L			02/02/15 12:14	4000
Cyclohexane	ND		4000	720	ug/L			02/02/15 12:14	4000
Dibromochloromethane	ND		4000	1300	ug/L			02/02/15 12:14	4000
Dichlorodifluoromethane	ND		4000	2700	ug/L			02/02/15 12:14	4000
Ethylbenzene	ND		4000	3000	ug/L			02/02/15 12:14	4000
Isopropylbenzene	ND		4000	3200	ug/L			02/02/15 12:14	4000
Methyl acetate	ND		10000	2000	ug/L			02/02/15 12:14	4000
Methyl tert-butyl ether	ND		4000	640	ug/L			02/02/15 12:14	4000
Methylcyclohexane	ND		4000	640	ug/L			02/02/15 12:14	4000
Methylene Chloride	ND		4000	1800	ug/L			02/02/15 12:14	4000
Styrene	ND		4000	2900	ug/L			02/02/15 12:14	4000
Tetrachloroethene	ND		4000	1400	ug/L			02/02/15 12:14	4000
Toluene	ND		4000	2000	ug/L			02/02/15 12:14	4000
trans-1,2-Dichloroethene	ND		4000	3600	ug/L			02/02/15 12:14	4000
trans-1,3-Dichloropropene	ND		4000	1500	ug/L			02/02/15 12:14	4000

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-4
Date Collected: 01/21/15 08:20
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**1800**	**J**	4000	1800	ug/L			02/02/15 12:14	4000
Trichlorofluoromethane	ND		4000	3500	ug/L			02/02/15 12:14	4000
Vinyl chloride	**6100**		4000	3600	ug/L			02/02/15 12:14	4000
Xylenes, Total	ND		8000	2600	ug/L			02/02/15 12:14	4000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*02/02/15 12:14*	*4000*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*02/02/15 12:14*	*4000*
Toluene-d8 (Surr)	*99*		*71 - 126*		*02/02/15 12:14*	*4000*

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-6
Date Collected: 01/20/15 14:20
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-4
Matrix: Ground 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			01/31/15 15:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/15 15:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/31/15 15:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/15 15:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/15 15:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/15 15:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/31/15 15:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/31/15 15:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/31/15 15:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/31/15 15:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/15 15:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/15 15:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/31/15 15:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/31/15 15:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/31/15 15:00	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/15 15:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/15 15:00	1
Acetone	ND		10	3.0	ug/L			01/31/15 15:00	1
Benzene	ND		1.0	0.41	ug/L			01/31/15 15:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/15 15:00	1
Bromoform	ND		1.0	0.26	ug/L			01/31/15 15:00	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/15 15:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/15 15:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/15 15:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/15 15:00	1
Chloroethane	ND		1.0	0.32	ug/L			01/31/15 15:00	1
Chloroform	ND		1.0	0.34	ug/L			01/31/15 15:00	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/15 15:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/15 15:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/15 15:00	1
Cyclohexane	ND		1.0	0.18	ug/L			01/31/15 15:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/15 15:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/31/15 15:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/15 15:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/31/15 15:00	1
Methyl acetate	ND		2.5	0.50	ug/L			01/31/15 15:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/31/15 15:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/31/15 15:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/15 15:00	1
Styrene	ND		1.0	0.73	ug/L			01/31/15 15:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/15 15:00	1
Toluene	ND		1.0	0.51	ug/L			01/31/15 15:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/15 15:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/15 15:00	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/15 15:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/31/15 15:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/15 15:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/15 15:00	1

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-6
Date Collected: 01/20/15 14:20
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-4
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		01/31/15 15:00	1
4-Bromofluorobenzene (Surr)	98		73 - 120		01/31/15 15:00	1
Toluene-d8 (Surr)	99		71 - 126		01/31/15 15:00	1

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-8R
Date Collected: 01/20/15 15:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2000	1600	ug/L			01/31/15 15:25	2000
1,1,2,2-Tetrachloroethane	ND		2000	420	ug/L			01/31/15 15:25	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620	ug/L			01/31/15 15:25	2000
1,1,2-Trichloroethane	ND		2000	460	ug/L			01/31/15 15:25	2000
1,1-Dichloroethane	ND		2000	760	ug/L			01/31/15 15:25	2000
1,1-Dichloroethene	ND		2000	580	ug/L			01/31/15 15:25	2000
1,2,4-Trichlorobenzene	ND		2000	820	ug/L			01/31/15 15:25	2000
1,2-Dibromo-3-Chloropropane	ND		2000	780	ug/L			01/31/15 15:25	2000
1,2-Dibromoethane	ND		2000	1500	ug/L			01/31/15 15:25	2000
1,2-Dichlorobenzene	ND		2000	1600	ug/L			01/31/15 15:25	2000
1,2-Dichloroethane	ND		2000	420	ug/L			01/31/15 15:25	2000
1,2-Dichloropropane	ND		2000	1400	ug/L			01/31/15 15:25	2000
1,3-Dichlorobenzene	ND		2000	1600	ug/L			01/31/15 15:25	2000
1,4-Dichlorobenzene	ND		2000	1700	ug/L			01/31/15 15:25	2000
2-Butanone (MEK)	ND		20000	2600	ug/L			01/31/15 15:25	2000
2-Hexanone	ND		10000	2500	ug/L			01/31/15 15:25	2000
4-Methyl-2-pentanone (MIBK)	ND		10000	4200	ug/L			01/31/15 15:25	2000
Acetone	ND		20000	6000	ug/L			01/31/15 15:25	2000
Benzene	ND		2000	820	ug/L			01/31/15 15:25	2000
Bromodichloromethane	ND		2000	780	ug/L			01/31/15 15:25	2000
Bromoform	ND		2000	520	ug/L			01/31/15 15:25	2000
Bromomethane	ND		2000	1400	ug/L			01/31/15 15:25	2000
Carbon disulfide	ND		2000	380	ug/L			01/31/15 15:25	2000
Carbon tetrachloride	ND		2000	540	ug/L			01/31/15 15:25	2000
Chlorobenzene	ND		2000	1500	ug/L			01/31/15 15:25	2000
Chloroethane	ND		2000	640	ug/L			01/31/15 15:25	2000
Chloroform	ND		2000	680	ug/L			01/31/15 15:25	2000
Chloromethane	ND		2000	700	ug/L			01/31/15 15:25	2000
cis-1,2-Dichloroethene	**54000**		2000	1600	ug/L			01/31/15 15:25	2000
cis-1,3-Dichloropropene	ND		2000	720	ug/L			01/31/15 15:25	2000
Cyclohexane	ND		2000	360	ug/L			01/31/15 15:25	2000
Dibromochloromethane	ND		2000	640	ug/L			01/31/15 15:25	2000
Dichlorodifluoromethane	ND		2000	1400	ug/L			01/31/15 15:25	2000
Ethylbenzene	ND		2000	1500	ug/L			01/31/15 15:25	2000
Isopropylbenzene	ND		2000	1600	ug/L			01/31/15 15:25	2000
Methyl acetate	ND		5000	1000	ug/L			01/31/15 15:25	2000
Methyl tert-butyl ether	ND		2000	320	ug/L			01/31/15 15:25	2000
Methylcyclohexane	ND		2000	320	ug/L			01/31/15 15:25	2000
Methylene Chloride	ND		2000	880	ug/L			01/31/15 15:25	2000
Styrene	ND		2000	1500	ug/L			01/31/15 15:25	2000
Tetrachloroethene	ND		2000	720	ug/L			01/31/15 15:25	2000
Toluene	ND		2000	1000	ug/L			01/31/15 15:25	2000
trans-1,2-Dichloroethene	ND		2000	1800	ug/L			01/31/15 15:25	2000
trans-1,3-Dichloropropene	ND		2000	740	ug/L			01/31/15 15:25	2000
Trichloroethene	**2100**		2000	920	ug/L			01/31/15 15:25	2000
Trichlorofluoromethane	ND		2000	1800	ug/L			01/31/15 15:25	2000
Vinyl chloride	ND		2000	1800	ug/L			01/31/15 15:25	2000
Xylenes, Total	ND		4000	1300	ug/L			01/31/15 15:25	2000

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-8R
Date Collected: 01/20/15 15:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-5
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		01/31/15 15:25	2000
4-Bromofluorobenzene (Surr)	96		73 - 120		01/31/15 15:25	2000
Toluene-d8 (Surr)	99		71 - 126		01/31/15 15:25	2000

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-10
Date Collected: 01/20/15 15:05
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-6
Matrix: Ground 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			01/31/15 15:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/15 15:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/31/15 15:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/15 15:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/15 15:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/15 15:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/31/15 15:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/31/15 15:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/31/15 15:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/31/15 15:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/15 15:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/15 15:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/31/15 15:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/31/15 15:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/31/15 15:49	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/15 15:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/15 15:49	1
Acetone	ND		10	3.0	ug/L			01/31/15 15:49	1
Benzene	ND		1.0	0.41	ug/L			01/31/15 15:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/15 15:49	1
Bromoform	ND		1.0	0.26	ug/L			01/31/15 15:49	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/15 15:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/15 15:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/15 15:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/15 15:49	1
Chloroethane	ND		1.0	0.32	ug/L			01/31/15 15:49	1
Chloroform	ND		1.0	0.34	ug/L			01/31/15 15:49	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/15 15:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/15 15:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/15 15:49	1
Cyclohexane	ND		1.0	0.18	ug/L			01/31/15 15:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/15 15:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/31/15 15:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/15 15:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/31/15 15:49	1
Methyl acetate	ND		2.5	0.50	ug/L			01/31/15 15:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/31/15 15:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/31/15 15:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/15 15:49	1
Styrene	ND		1.0	0.73	ug/L			01/31/15 15:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/15 15:49	1
Toluene	ND		1.0	0.51	ug/L			01/31/15 15:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/15 15:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/15 15:49	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/15 15:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/31/15 15:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/15 15:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/15 15:49	1

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-10
Date Collected: 01/20/15 15:05
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-6
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*01/31/15 15:49*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*01/31/15 15:49*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*01/31/15 15:49*	*1*

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-11
Date Collected: 01/20/15 10:15
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-7
Matrix: Ground 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			01/31/15 16:14	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			01/31/15 16:14	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			01/31/15 16:14	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			01/31/15 16:14	5
1,1-Dichloroethane	**5.0**		5.0	1.9	ug/L			01/31/15 16:14	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			01/31/15 16:14	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			01/31/15 16:14	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			01/31/15 16:14	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			01/31/15 16:14	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			01/31/15 16:14	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			01/31/15 16:14	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			01/31/15 16:14	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			01/31/15 16:14	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			01/31/15 16:14	5
2-Butanone (MEK)	ND		50	6.6	ug/L			01/31/15 16:14	5
2-Hexanone	ND		25	6.2	ug/L			01/31/15 16:14	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			01/31/15 16:14	5
Acetone	ND		50	15	ug/L			01/31/15 16:14	5
Benzene	ND		5.0	2.1	ug/L			01/31/15 16:14	5
Bromodichloromethane	ND		5.0	2.0	ug/L			01/31/15 16:14	5
Bromoform	ND		5.0	1.3	ug/L			01/31/15 16:14	5
Bromomethane	ND		5.0	3.5	ug/L			01/31/15 16:14	5
Carbon disulfide	ND		5.0	0.95	ug/L			01/31/15 16:14	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			01/31/15 16:14	5
Chlorobenzene	ND		5.0	3.8	ug/L			01/31/15 16:14	5
Chloroethane	ND		5.0	1.6	ug/L			01/31/15 16:14	5
Chloroform	ND		5.0	1.7	ug/L			01/31/15 16:14	5
Chloromethane	ND		5.0	1.8	ug/L			01/31/15 16:14	5
cis-1,2-Dichloroethene	**17**		5.0	4.1	ug/L			01/31/15 16:14	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			01/31/15 16:14	5
Cyclohexane	ND		5.0	0.90	ug/L			01/31/15 16:14	5
Dibromochloromethane	ND		5.0	1.6	ug/L			01/31/15 16:14	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			01/31/15 16:14	5
Ethylbenzene	ND		5.0	3.7	ug/L			01/31/15 16:14	5
Isopropylbenzene	ND		5.0	4.0	ug/L			01/31/15 16:14	5
Methyl acetate	ND		13	2.5	ug/L			01/31/15 16:14	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			01/31/15 16:14	5
Methylcyclohexane	ND		5.0	0.80	ug/L			01/31/15 16:14	5
Methylene Chloride	ND		5.0	2.2	ug/L			01/31/15 16:14	5
Styrene	ND		5.0	3.7	ug/L			01/31/15 16:14	5
Tetrachloroethene	ND		5.0	1.8	ug/L			01/31/15 16:14	5
Toluene	ND		5.0	2.6	ug/L			01/31/15 16:14	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			01/31/15 16:14	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			01/31/15 16:14	5
Trichloroethene	ND		5.0	2.3	ug/L			01/31/15 16:14	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			01/31/15 16:14	5
Vinyl chloride	**7.4**		5.0	4.5	ug/L			01/31/15 16:14	5
Xylenes, Total	ND		10	3.3	ug/L			01/31/15 16:14	5

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-11
Date Collected: 01/20/15 10:15
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-7
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		01/31/15 16:14	5
4-Bromofluorobenzene (Surr)	93		73 - 120		01/31/15 16:14	5
Toluene-d8 (Surr)	94		71 - 126		01/31/15 16:14	5

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-13S
Date Collected: 01/21/15 09:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-8
Matrix: Ground 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			01/31/15 16:39	500
1,1,2,2-Tetrachloroethane	ND		500	110	ug/L			01/31/15 16:39	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	160	ug/L			01/31/15 16:39	500
1,1,2-Trichloroethane	ND		500	120	ug/L			01/31/15 16:39	500
1,1-Dichloroethane	ND		500	190	ug/L			01/31/15 16:39	500
1,1-Dichloroethene	**150**	**J**	500	150	ug/L			01/31/15 16:39	500
1,2,4-Trichlorobenzene	ND		500	210	ug/L			01/31/15 16:39	500
1,2-Dibromo-3-Chloropropane	ND		500	200	ug/L			01/31/15 16:39	500
1,2-Dibromoethane	ND		500	370	ug/L			01/31/15 16:39	500
1,2-Dichlorobenzene	ND		500	400	ug/L			01/31/15 16:39	500
1,2-Dichloroethane	ND		500	110	ug/L			01/31/15 16:39	500
1,2-Dichloropropane	ND		500	360	ug/L			01/31/15 16:39	500
1,3-Dichlorobenzene	ND		500	390	ug/L			01/31/15 16:39	500
1,4-Dichlorobenzene	ND		500	420	ug/L			01/31/15 16:39	500
2-Butanone (MEK)	ND		5000	660	ug/L			01/31/15 16:39	500
2-Hexanone	ND		2500	620	ug/L			01/31/15 16:39	500
4-Methyl-2-pentanone (MIBK)	ND		2500	1100	ug/L			01/31/15 16:39	500
Acetone	ND		5000	1500	ug/L			01/31/15 16:39	500
Benzene	ND		500	210	ug/L			01/31/15 16:39	500
Bromodichloromethane	ND		500	200	ug/L			01/31/15 16:39	500
Bromoform	ND		500	130	ug/L			01/31/15 16:39	500
Bromomethane	ND		500	350	ug/L			01/31/15 16:39	500
Carbon disulfide	ND		500	95	ug/L			01/31/15 16:39	500
Carbon tetrachloride	ND		500	140	ug/L			01/31/15 16:39	500
Chlorobenzene	ND		500	380	ug/L			01/31/15 16:39	500
Chloroethane	ND		500	160	ug/L			01/31/15 16:39	500
Chloroform	ND		500	170	ug/L			01/31/15 16:39	500
Chloromethane	ND		500	180	ug/L			01/31/15 16:39	500
cis-1,2-Dichloroethene	**22000**		500	410	ug/L			01/31/15 16:39	500
cis-1,3-Dichloropropene	ND		500	180	ug/L			01/31/15 16:39	500
Cyclohexane	ND		500	90	ug/L			01/31/15 16:39	500
Dibromochloromethane	ND		500	160	ug/L			01/31/15 16:39	500
Dichlorodifluoromethane	ND		500	340	ug/L			01/31/15 16:39	500
Ethylbenzene	ND		500	370	ug/L			01/31/15 16:39	500
Isopropylbenzene	ND		500	400	ug/L			01/31/15 16:39	500
Methyl acetate	ND		1300	250	ug/L			01/31/15 16:39	500
Methyl tert-butyl ether	ND		500	80	ug/L			01/31/15 16:39	500
Methylcyclohexane	ND		500	80	ug/L			01/31/15 16:39	500
Methylene Chloride	ND		500	220	ug/L			01/31/15 16:39	500
Styrene	ND		500	370	ug/L			01/31/15 16:39	500
Tetrachloroethene	ND		500	180	ug/L			01/31/15 16:39	500
Toluene	ND		500	260	ug/L			01/31/15 16:39	500
trans-1,2-Dichloroethene	ND		500	450	ug/L			01/31/15 16:39	500
trans-1,3-Dichloropropene	ND		500	190	ug/L			01/31/15 16:39	500
Trichloroethene	**19000**		500	230	ug/L			01/31/15 16:39	500
Trichlorofluoromethane	ND		500	440	ug/L			01/31/15 16:39	500
Vinyl chloride	ND		500	450	ug/L			01/31/15 16:39	500
Xylenes, Total	ND		1000	330	ug/L			01/31/15 16:39	500

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-13S
Date Collected: 01/21/15 09:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-8
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		01/31/15 16:39	500
4-Bromofluorobenzene (Surr)	97		73 - 120		01/31/15 16:39	500
Toluene-d8 (Surr)	97		71 - 126		01/31/15 16:39	500

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-16S
Date Collected: 01/21/15 09:00
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-9
Matrix: Ground 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		4000	3300	ug/L			01/31/15 17:04	4000
1,1,2,2-Tetrachloroethane	ND		4000	840	ug/L			01/31/15 17:04	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200	ug/L			01/31/15 17:04	4000
1,1,2-Trichloroethane	ND		4000	920	ug/L			01/31/15 17:04	4000
1,1-Dichloroethane	**2100**	**J**	4000	1500	ug/L			01/31/15 17:04	4000
1,1-Dichloroethene	ND		4000	1200	ug/L			01/31/15 17:04	4000
1,2,4-Trichlorobenzene	ND		4000	1600	ug/L			01/31/15 17:04	4000
1,2-Dibromo-3-Chloropropane	ND		4000	1600	ug/L			01/31/15 17:04	4000
1,2-Dibromoethane	ND		4000	2900	ug/L			01/31/15 17:04	4000
1,2-Dichlorobenzene	ND		4000	3200	ug/L			01/31/15 17:04	4000
1,2-Dichloroethane	ND		4000	840	ug/L			01/31/15 17:04	4000
1,2-Dichloropropane	ND		4000	2900	ug/L			01/31/15 17:04	4000
1,3-Dichlorobenzene	ND		4000	3100	ug/L			01/31/15 17:04	4000
1,4-Dichlorobenzene	ND		4000	3400	ug/L			01/31/15 17:04	4000
2-Butanone (MEK)	ND		40000	5300	ug/L			01/31/15 17:04	4000
2-Hexanone	ND		20000	5000	ug/L			01/31/15 17:04	4000
4-Methyl-2-pentanone (MIBK)	ND		20000	8400	ug/L			01/31/15 17:04	4000
Acetone	ND		40000	12000	ug/L			01/31/15 17:04	4000
Benzene	ND		4000	1600	ug/L			01/31/15 17:04	4000
Bromodichloromethane	ND		4000	1600	ug/L			01/31/15 17:04	4000
Bromoform	ND		4000	1000	ug/L			01/31/15 17:04	4000
Bromomethane	ND		4000	2800	ug/L			01/31/15 17:04	4000
Carbon disulfide	ND		4000	760	ug/L			01/31/15 17:04	4000
Carbon tetrachloride	ND		4000	1100	ug/L			01/31/15 17:04	4000
Chlorobenzene	ND		4000	3000	ug/L			01/31/15 17:04	4000
Chloroethane	ND		4000	1300	ug/L			01/31/15 17:04	4000
Chloroform	ND		4000	1400	ug/L			01/31/15 17:04	4000
Chloromethane	ND		4000	1400	ug/L			01/31/15 17:04	4000
cis-1,2-Dichloroethene	**160000**		4000	3200	ug/L			01/31/15 17:04	4000
cis-1,3-Dichloropropene	ND		4000	1400	ug/L			01/31/15 17:04	4000
Cyclohexane	ND		4000	720	ug/L			01/31/15 17:04	4000
Dibromochloromethane	ND		4000	1300	ug/L			01/31/15 17:04	4000
Dichlorodifluoromethane	ND		4000	2700	ug/L			01/31/15 17:04	4000
Ethylbenzene	ND		4000	3000	ug/L			01/31/15 17:04	4000
Isopropylbenzene	ND		4000	3200	ug/L			01/31/15 17:04	4000
Methyl acetate	ND		10000	2000	ug/L			01/31/15 17:04	4000
Methyl tert-butyl ether	ND		4000	640	ug/L			01/31/15 17:04	4000
Methylcyclohexane	ND		4000	640	ug/L			01/31/15 17:04	4000
Methylene Chloride	ND		4000	1800	ug/L			01/31/15 17:04	4000
Styrene	ND		4000	2900	ug/L			01/31/15 17:04	4000
Tetrachloroethene	ND		4000	1400	ug/L			01/31/15 17:04	4000
Toluene	ND		4000	2000	ug/L			01/31/15 17:04	4000
trans-1,2-Dichloroethene	ND		4000	3600	ug/L			01/31/15 17:04	4000
trans-1,3-Dichloropropene	ND		4000	1500	ug/L			01/31/15 17:04	4000
Trichloroethene	**160000**		4000	1800	ug/L			01/31/15 17:04	4000
Trichlorofluoromethane	ND		4000	3500	ug/L			01/31/15 17:04	4000
Vinyl chloride	**4700**		4000	3600	ug/L			01/31/15 17:04	4000
Xylenes, Total	ND		8000	2600	ug/L			01/31/15 17:04	4000

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-16S
Date Collected: 01/21/15 09:00
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-9
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		01/31/15 17:04	4000
4-Bromofluorobenzene (Surr)	99		73 - 120		01/31/15 17:04	4000
Toluene-d8 (Surr)	100		71 - 126		01/31/15 17:04	4000

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: Duplicate
Date Collected: 01/20/15 08:00
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-10
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		1000	820	ug/L			01/31/15 17:28	1000
1,1,2,2-Tetrachloroethane	ND		1000	210	ug/L			01/31/15 17:28	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	310	ug/L			01/31/15 17:28	1000
1,1,2-Trichloroethane	ND		1000	230	ug/L			01/31/15 17:28	1000
1,1-Dichloroethane	ND		1000	380	ug/L			01/31/15 17:28	1000
1,1-Dichloroethene	ND		1000	290	ug/L			01/31/15 17:28	1000
1,2,4-Trichlorobenzene	ND		1000	410	ug/L			01/31/15 17:28	1000
1,2-Dibromo-3-Chloropropane	ND		1000	390	ug/L			01/31/15 17:28	1000
1,2-Dibromoethane	ND		1000	730	ug/L			01/31/15 17:28	1000
1,2-Dichlorobenzene	ND		1000	790	ug/L			01/31/15 17:28	1000
1,2-Dichloroethane	ND		1000	210	ug/L			01/31/15 17:28	1000
1,2-Dichloropropane	ND		1000	720	ug/L			01/31/15 17:28	1000
1,3-Dichlorobenzene	ND		1000	780	ug/L			01/31/15 17:28	1000
1,4-Dichlorobenzene	ND		1000	840	ug/L			01/31/15 17:28	1000
2-Butanone (MEK)	ND		10000	1300	ug/L			01/31/15 17:28	1000
2-Hexanone	ND		5000	1200	ug/L			01/31/15 17:28	1000
4-Methyl-2-pentanone (MIBK)	ND		5000	2100	ug/L			01/31/15 17:28	1000
Acetone	ND		10000	3000	ug/L			01/31/15 17:28	1000
Benzene	ND		1000	410	ug/L			01/31/15 17:28	1000
Bromodichloromethane	ND		1000	390	ug/L			01/31/15 17:28	1000
Bromoform	ND		1000	260	ug/L			01/31/15 17:28	1000
Bromomethane	ND		1000	690	ug/L			01/31/15 17:28	1000
Carbon disulfide	ND		1000	190	ug/L			01/31/15 17:28	1000
Carbon tetrachloride	ND		1000	270	ug/L			01/31/15 17:28	1000
Chlorobenzene	ND		1000	750	ug/L			01/31/15 17:28	1000
Chloroethane	ND		1000	320	ug/L			01/31/15 17:28	1000
Chloroform	ND		1000	340	ug/L			01/31/15 17:28	1000
Chloromethane	ND		1000	350	ug/L			01/31/15 17:28	1000
cis-1,2-Dichloroethene	**50000**		1000	810	ug/L			01/31/15 17:28	1000
cis-1,3-Dichloropropene	ND		1000	360	ug/L			01/31/15 17:28	1000
Cyclohexane	ND		1000	180	ug/L			01/31/15 17:28	1000
Dibromochloromethane	ND		1000	320	ug/L			01/31/15 17:28	1000
Dichlorodifluoromethane	ND		1000	680	ug/L			01/31/15 17:28	1000
Ethylbenzene	ND		1000	740	ug/L			01/31/15 17:28	1000
Isopropylbenzene	ND		1000	790	ug/L			01/31/15 17:28	1000
Methyl acetate	ND		2500	500	ug/L			01/31/15 17:28	1000
Methyl tert-butyl ether	ND		1000	160	ug/L			01/31/15 17:28	1000
Methylcyclohexane	ND		1000	160	ug/L			01/31/15 17:28	1000
Methylene Chloride	ND		1000	440	ug/L			01/31/15 17:28	1000
Styrene	ND		1000	730	ug/L			01/31/15 17:28	1000
Tetrachloroethene	ND		1000	360	ug/L			01/31/15 17:28	1000
Toluene	ND		1000	510	ug/L			01/31/15 17:28	1000
trans-1,2-Dichloroethene	ND		1000	900	ug/L			01/31/15 17:28	1000
trans-1,3-Dichloropropene	ND		1000	370	ug/L			01/31/15 17:28	1000
Trichloroethene	**2000**		1000	460	ug/L			01/31/15 17:28	1000
Trichlorofluoromethane	ND		1000	880	ug/L			01/31/15 17:28	1000
Vinyl chloride	**1700**		1000	900	ug/L			01/31/15 17:28	1000
Xylenes, Total	ND		2000	660	ug/L			01/31/15 17:28	1000

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: Duplicate
Date Collected: 01/20/15 08:00
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		01/31/15 17:28	1000
4-Bromofluorobenzene (Surr)	95		73 - 120		01/31/15 17:28	1000
Toluene-d8 (Surr)	97		71 - 126		01/31/15 17:28	1000

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: Rinse
Date Collected: 01/20/15 07:15
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-11
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		1.0	0.82	ug/L			01/31/15 17:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/15 17:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/31/15 17:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/15 17:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/15 17:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/15 17:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/31/15 17:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/31/15 17:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/31/15 17:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/31/15 17:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/15 17:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/15 17:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/31/15 17:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/31/15 17:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/31/15 17:53	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/15 17:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/15 17:53	1
Acetone	ND		10	3.0	ug/L			01/31/15 17:53	1
Benzene	ND		1.0	0.41	ug/L			01/31/15 17:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/15 17:53	1
Bromoform	ND		1.0	0.26	ug/L			01/31/15 17:53	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/15 17:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/15 17:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/15 17:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/15 17:53	1
Chloroethane	ND		1.0	0.32	ug/L			01/31/15 17:53	1
Chloroform	ND		1.0	0.34	ug/L			01/31/15 17:53	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/15 17:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/15 17:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/15 17:53	1
Cyclohexane	ND		1.0	0.18	ug/L			01/31/15 17:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/15 17:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/31/15 17:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/15 17:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/31/15 17:53	1
Methyl acetate	ND		2.5	0.50	ug/L			01/31/15 17:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/31/15 17:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/31/15 17:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/15 17:53	1
Styrene	ND		1.0	0.73	ug/L			01/31/15 17:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/15 17:53	1
Toluene	ND		1.0	0.51	ug/L			01/31/15 17:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/15 17:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/15 17:53	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/15 17:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/31/15 17:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/15 17:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/15 17:53	1

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: Rinse
Date Collected: 01/20/15 07:15
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*01/31/15 17:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*01/31/15 17:53*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*01/31/15 17:53*	*1*

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: Trip
Date Collected: 01/21/15 00:00
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-12
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		1.0	0.82	ug/L			01/31/15 18:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/15 18:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/31/15 18:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/15 18:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/15 18:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/15 18:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/31/15 18:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/31/15 18:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/31/15 18:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/31/15 18:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/15 18:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/15 18:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/31/15 18:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/31/15 18:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/31/15 18:18	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/15 18:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/15 18:18	1
Acetone	ND		10	3.0	ug/L			01/31/15 18:18	1
Benzene	ND		1.0	0.41	ug/L			01/31/15 18:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/15 18:18	1
Bromoform	ND		1.0	0.26	ug/L			01/31/15 18:18	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/15 18:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/15 18:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/15 18:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/15 18:18	1
Chloroethane	ND		1.0	0.32	ug/L			01/31/15 18:18	1
Chloroform	ND		1.0	0.34	ug/L			01/31/15 18:18	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/15 18:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/15 18:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/15 18:18	1
Cyclohexane	ND		1.0	0.18	ug/L			01/31/15 18:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/15 18:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/31/15 18:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/15 18:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/31/15 18:18	1
Methyl acetate	ND		2.5	0.50	ug/L			01/31/15 18:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/31/15 18:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/31/15 18:18	1
Methylene Chloride	**0.68**	**J**	1.0	0.44	ug/L			01/31/15 18:18	1
Styrene	ND		1.0	0.73	ug/L			01/31/15 18:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/15 18:18	1
Toluene	ND		1.0	0.51	ug/L			01/31/15 18:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/15 18:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/15 18:18	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/15 18:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/31/15 18:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/15 18:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/15 18:18	1

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: Trip
Date Collected: 01/21/15 00:00
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		01/31/15 18:18	1
4-Bromofluorobenzene (Surr)	96		73 - 120		01/31/15 18:18	1
Toluene-d8 (Surr)	98		71 - 126		01/31/15 18:18	1

Lab Chronicle

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-2
Date Collected: 01/20/15 08:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	225188	01/31/15 13:45	RAS	TAL BUF

Client Sample ID: MW-3
Date Collected: 01/20/15 13:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	225188	01/31/15 14:10	RAS	TAL BUF

Client Sample ID: MW-4
Date Collected: 01/21/15 08:20
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1000	225188	01/31/15 14:35	RAS	TAL BUF
Total/NA	Analysis	8260C	DL	4000	225233	02/02/15 12:14	NMD1	TAL BUF

Client Sample ID: MW-6
Date Collected: 01/20/15 14:20
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	225188	01/31/15 15:00	RAS	TAL BUF

Client Sample ID: MW-8R
Date Collected: 01/20/15 15:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2000	225188	01/31/15 15:25	RAS	TAL BUF

Client Sample ID: MW-10
Date Collected: 01/20/15 15:05
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74489-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	225188	01/31/15 15:49	RAS	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-74489-1

Client Sample ID: MW-11
Lab Sample ID: 480-74489-7
Date Collected: 01/20/15 10:15
Matrix: Ground Water
Date Received: 01/21/15 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	225188	01/31/15 16:14	RAS	TAL BUF

Client Sample ID: MW-13S
Lab Sample ID: 480-74489-8
Date Collected: 01/21/15 09:45
Matrix: Ground Water
Date Received: 01/21/15 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	225188	01/31/15 16:39	RAS	TAL BUF

Client Sample ID: MW-16S
Lab Sample ID: 480-74489-9
Date Collected: 01/21/15 09:00
Matrix: Ground Water
Date Received: 01/21/15 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4000	225188	01/31/15 17:04	RAS	TAL BUF

Client Sample ID: Duplicate
Lab Sample ID: 480-74489-10
Date Collected: 01/20/15 08:00
Matrix: Water
Date Received: 01/21/15 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1000	225188	01/31/15 17:28	RAS	TAL BUF

Client Sample ID: Rinse
Lab Sample ID: 480-74489-11
Date Collected: 01/20/15 07:15
Matrix: Water
Date Received: 01/21/15 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	225188	01/31/15 17:53	RAS	TAL BUF

Client Sample ID: Trip
Lab Sample ID: 480-74489-12
Date Collected: 01/21/15 00:00
Matrix: Water
Date Received: 01/21/15 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	225188	01/31/15 18:18	RAS	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: 480-74489-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15 *

* Certification renewal pending - certification considered valid.

Method Summary

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

TestAmerica Job ID: 480-74489-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

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

TestAmerica Job ID: 480-74489-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-74489-1	MW-2	Ground Water	01/20/15 08:45	01/21/15 12:00
480-74489-2	MW-3	Ground Water	01/20/15 13:45	01/21/15 12:00
480-74489-3	MW-4	Ground Water	01/21/15 08:20	01/21/15 12:00
480-74489-4	MW-6	Ground Water	01/20/15 14:20	01/21/15 12:00
480-74489-5	MW-8R	Ground Water	01/20/15 15:45	01/21/15 12:00
480-74489-6	MW-10	Ground Water	01/20/15 15:05	01/21/15 12:00
480-74489-7	MW-11	Ground Water	01/20/15 10:15	01/21/15 12:00
480-74489-8	MW-13S	Ground Water	01/21/15 09:45	01/21/15 12:00
480-74489-9	MW-16S	Ground Water	01/21/15 09:00	01/21/15 12:00
480-74489-10	Duplicate	Water	01/20/15 08:00	01/21/15 12:00
480-74489-11	Rinse	Water	01/20/15 07:15	01/21/15 12:00
480-74489-12	Trip	Water	01/21/15 00:00	01/21/15 12:00

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-74489-1

Login Number: 74489

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

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.	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	

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: AECOM	Project Manager: Dino Zack	Date: 1/21/15	Chain of Custody Number: 276670
Address: 100 Corporate Parkway Suite 341	Telephone Number (Area Code)/Fax Number: 716 836 4506 ext 15	Lab Number: Buffalo	Page 1 of 1
City: Amherst / State: NY / Zip Code: 14226	Site Contact: Dino Zack	Lab Contact: Brian Fisher	Analysis (Attach list if more space is needed)
Project Name and Location (State): Former Scott Aviation, NY 1015	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

480-74489 Chain of Custody

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	8260C
MW-2	1/20/15	0845		X						3			X
MW-3	1/20/15	1345		X						3			X
MW-4	1/21/15	0820		X						3			X
MW-6	1/20/15	1420		X						3			X
MW-8R	1/20/15	1545		X						3			X
MW-10	1/20/15	1505		X						3			X
MW-11	1/20/15	1015		X						3			X
MW-13S	1/21/15	0945		X						3			X
MW-16S	1/21/15	0900		X						3			X
Duplicate	1/20/15	0800		X						3			X
Rinse	1/20/15	0715		X						3			X
Trip	1/21/15			X						2			X

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

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

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	1/21/15	1000hrs	1. Received By: [signature]	1/21/15	1105
2. Relinquished By: [signature]	1/21/15	1200	2. Received By: [signature] TA Buff	1/21/15	1200
3. Relinquished By			3. Received By		

Comments

#2 3.1

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

2/4/2015

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

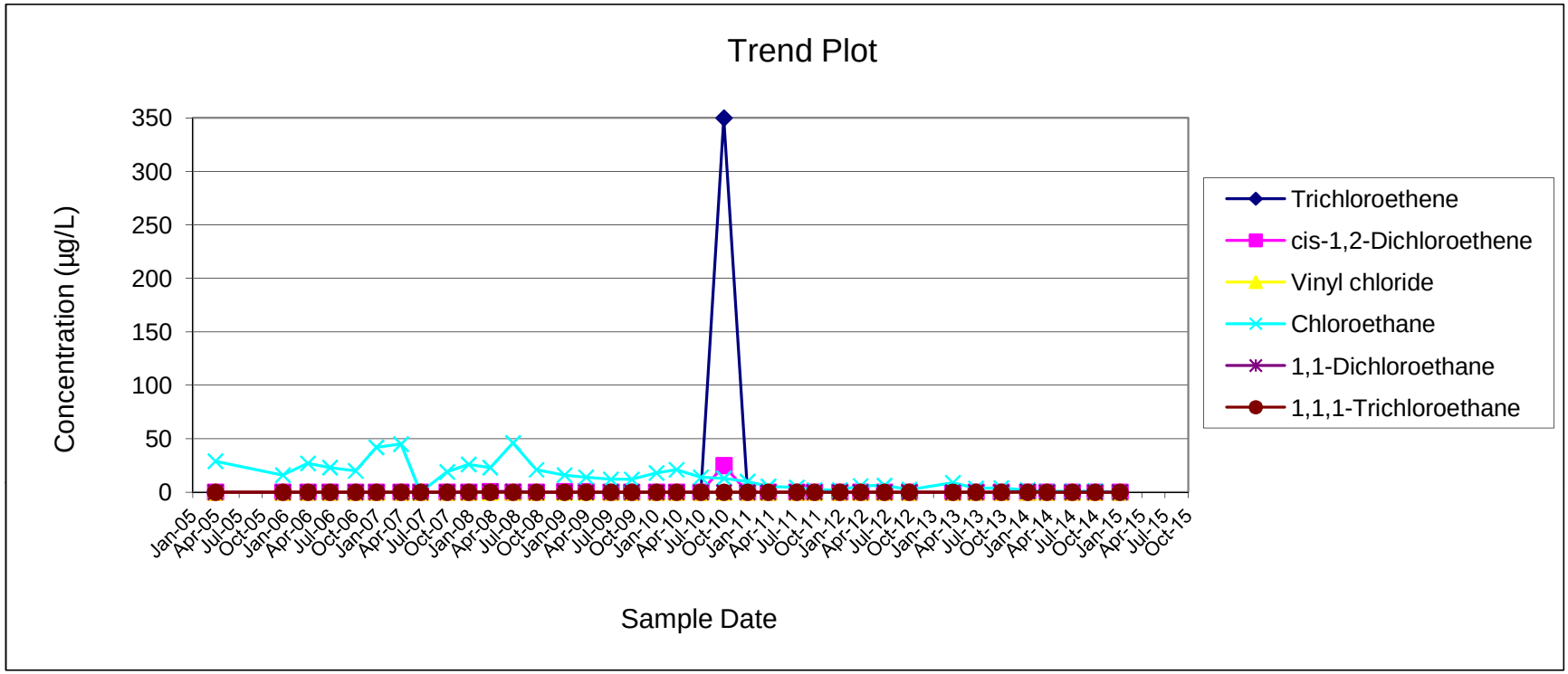
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25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

MONITORING WELL MW-2

SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site

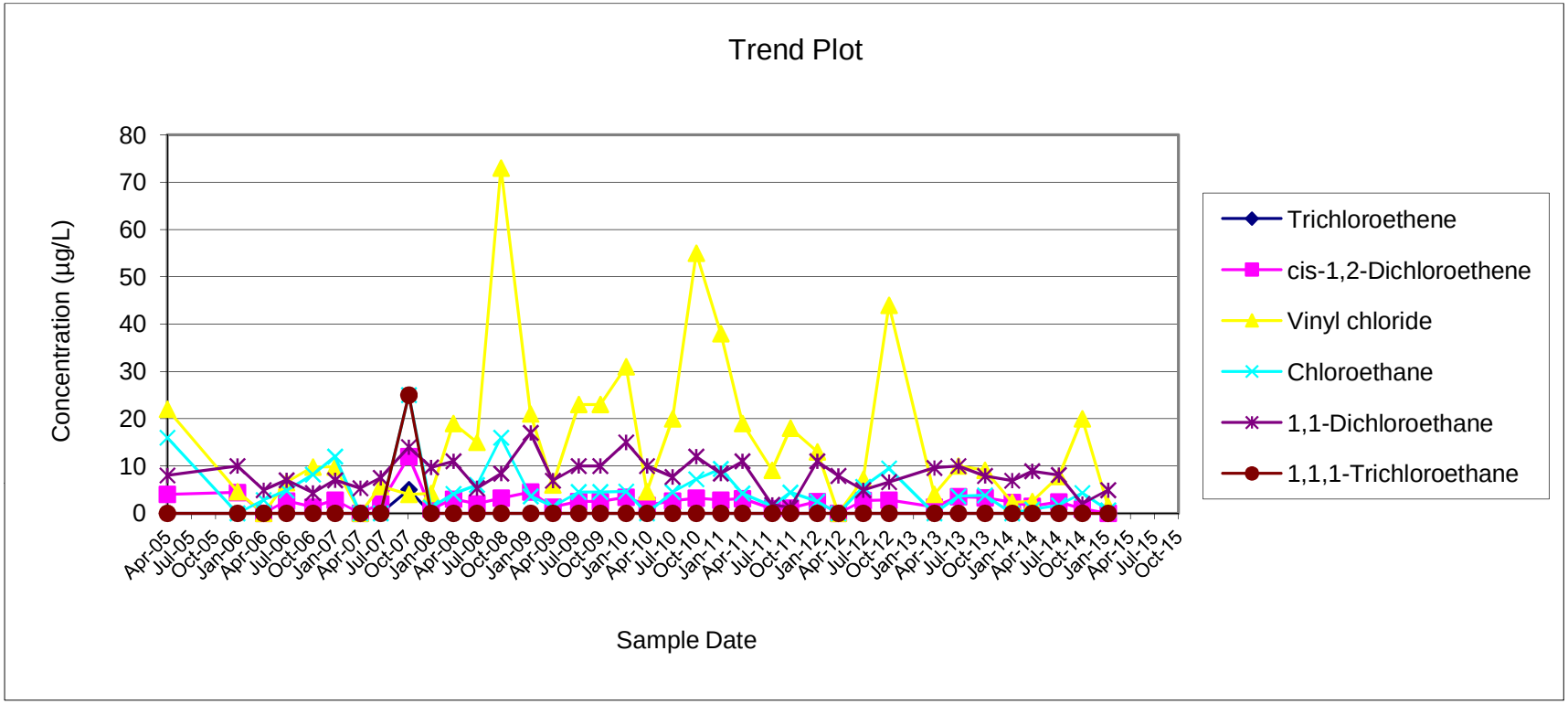
Lancaster, New York



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

	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	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

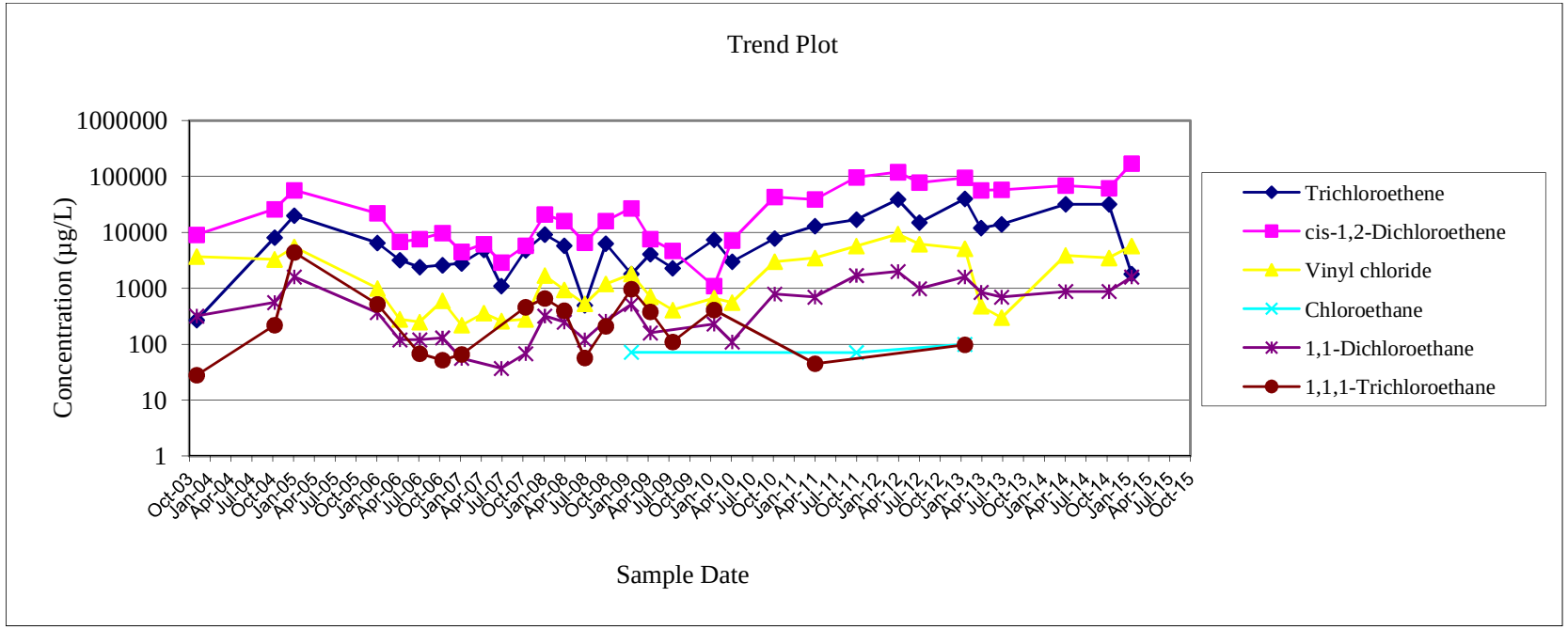
MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	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

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

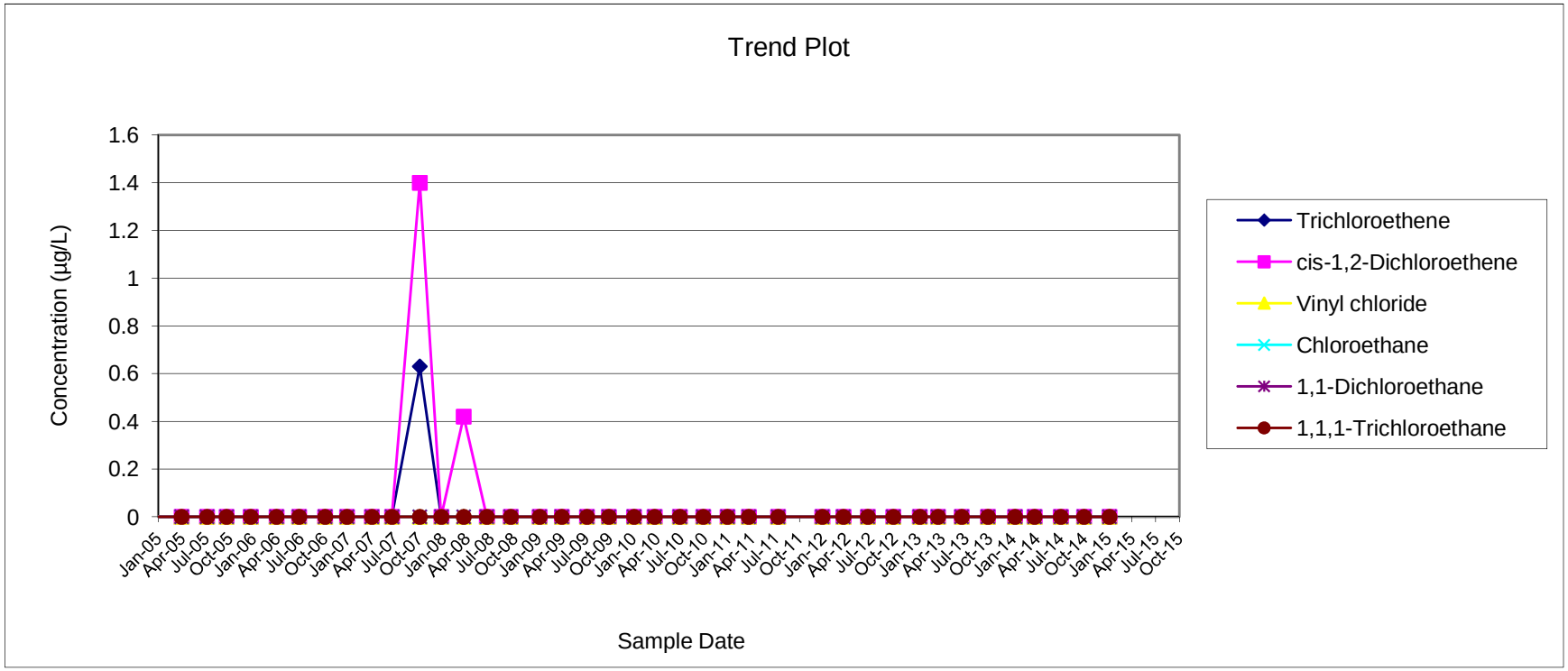


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

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

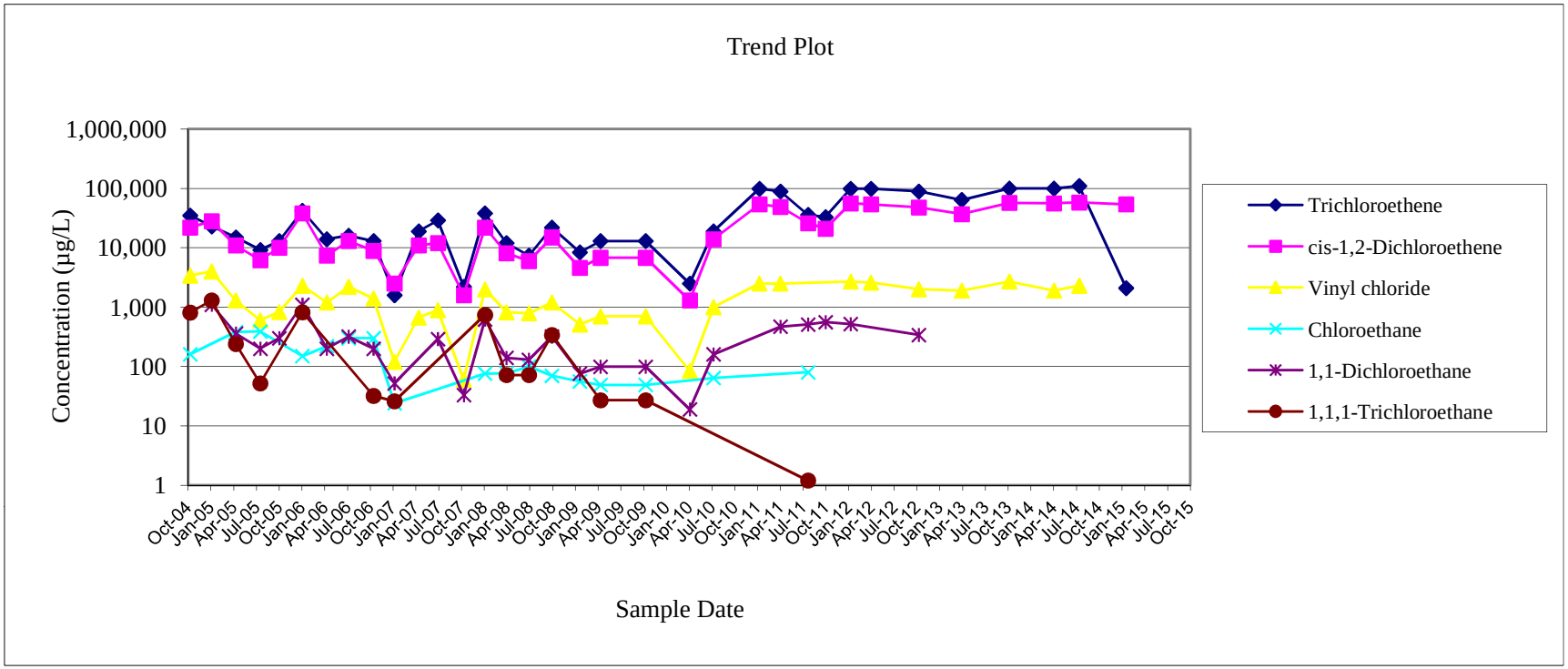
MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

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

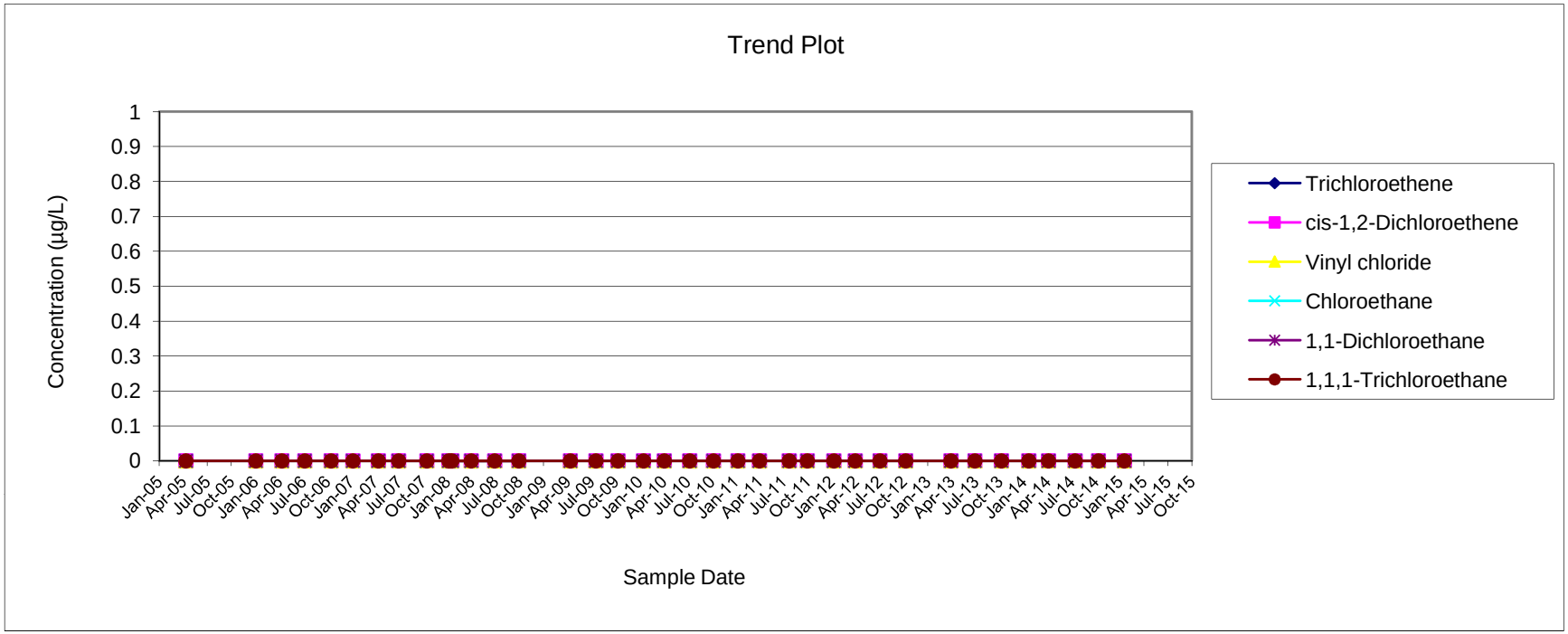
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	< 10	< 10	<10
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/3/2008	< 5	< 5	< 5	< 5	< 5	< 5
7/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
10/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
1/20/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/15/2009	< 5	< 5	< 5	< 5	< 5	< 5
7/21/2009	< 5	< 5	< 5	< 5	< 5	< 5
10/13/2009	< 5	< 5	< 5	< 5	< 5	< 5
1/18/2010	< 5	< 5	< 5	< 5	< 5	< 5
4/7/2010	< 5	< 5	< 5	< 5	< 5	< 5
7/13/2010	< 5	< 5	< 5	< 5	< 5	< 5
10/11/2010	< 5	< 5	< 5	< 5	< 5	< 5
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
10/3/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1
10/11/2012	<1	<1	<1	<1	<1	<1
4/1/2013	<1	<1	<1	<1	<1	<1
7/1/2013	<1	<1	<1	<1	<1	<1
10/10/2013	<1	<1	<1	<1	<1	<1
1/22/2014	<1	<1	<1	<1	<1	<1
4/7/2014	<1	<1	<1	<1	<1	<1
7/17/2014	<1	<1	<1	<1	<1	<1
10/14/2014	<1	<1	<1	<1	<1	<1
1/20/2015	<1	<1	<1	<1	<1	<1

MONITORING WELL MW-10

SUMMARY OF VOCs IN GROUNDWATER

Former Scott Aviation Site

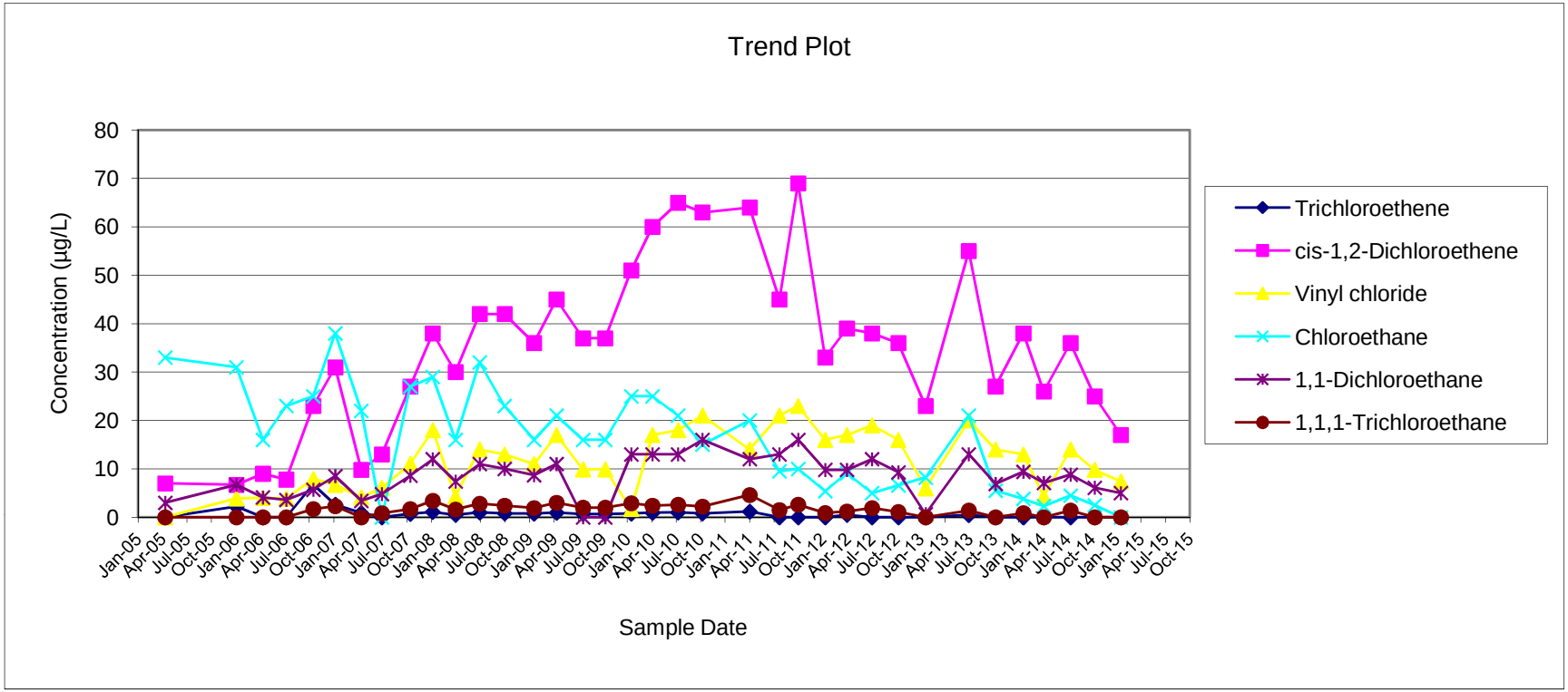
Lancaster, New York



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

	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	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

MONITORING WELL MW-11
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

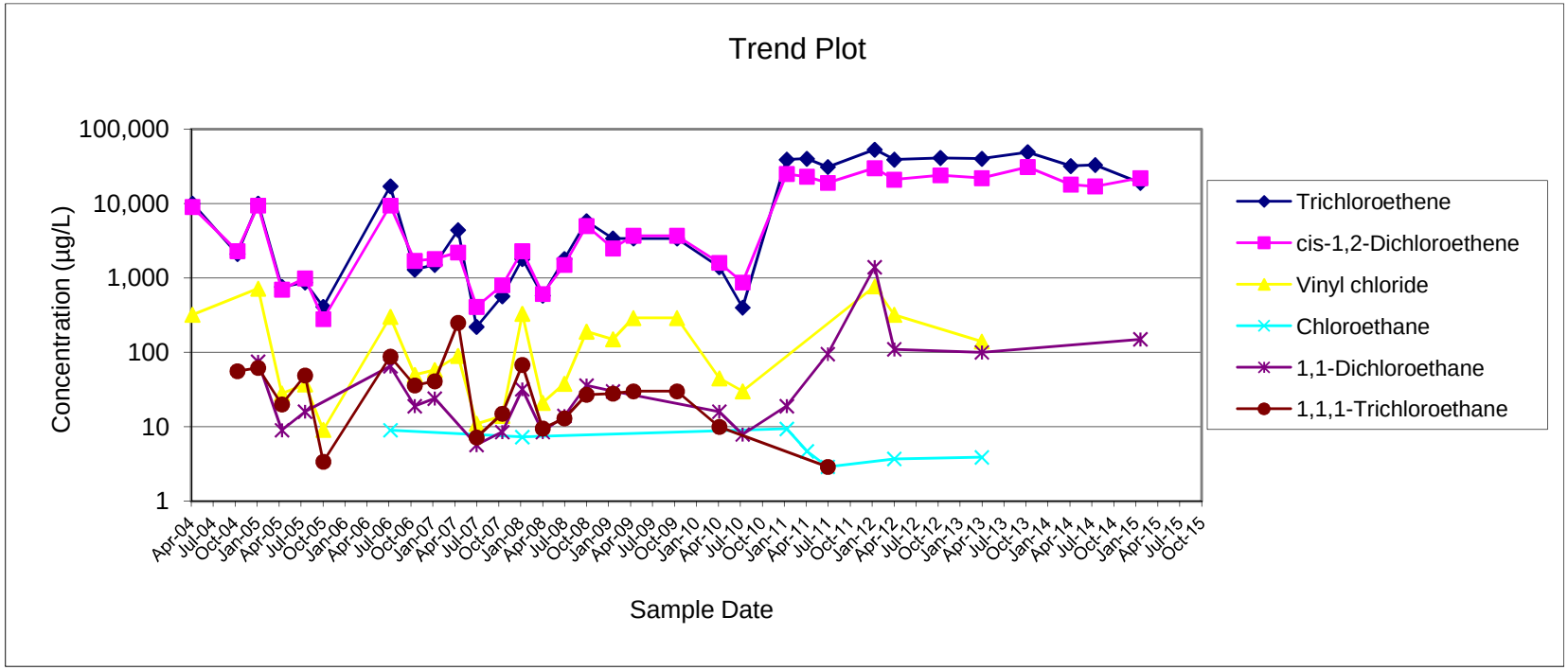
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	<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

MONITORING WELL MW-13S

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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	< 20,000	< 20,000	5,000	14,000
10/12/2004	200,000	46,000	< 10,000	< 10,000	2,900	< 10,000
1/7/2005	420,000	64,000	< 10,000	< 10,000	3,800	3,300
4/15/2005	400,000	71,000	< 25,000	< 25,000	< 25,000	< 25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	< 25,000	< 25,000	4,100	< 25,000
1/6/2006	470,000	82,000	2,600	< 20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	< 20,000	2,600	< 20,000
7/10/2006	310,000	78,000	4,000	< 20,000	3,500	< 20,000
10/19/2006	77,000	22,000	1,300	< 5,000	940	< 5,000
1/10/2007	44,000	18,000	1,900	< 2,500	840	< 2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	< 5,000
7/3/2007	86,000	38,000	3,000	< 5,000	1,400	< 5,000
10/18/2007	130000	47000	2800	2600	1600	820
1/8/2008	67000	30000	3200	< 5000	1100	< 5000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	<5000
10/2/2008	63,000	26,000	3,100	690	920	<5000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	<2000	1,800	900
7/22/2009	87,000	45,000	3,000	650	1,500	740
1/19/2010	22,000	18,000	2,600	1,100	670	340
4/8/2010	220,000	99,000	6,800	1,100	3,000	2,000
10/11/2010	300,000	90,000	6,300	<20,000	3,100	5,000
4/7/2011	250,000	74,000	7,100	<4,000	<4,000	5,600
10/4/2011	190,000	67,000	3,700	<800	1,400	4,600
4/3/2012	250,000	84,000	8,400	960	1,700	4,900
7/6/2012	170,000	72,000	3,900	<2000	1,200	2,400
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	<4000	2,100	<4000

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