AECOM
257 West Genesee Street, Suite 400
Buffalo, New York 14202

716-856-5636 tel
716-856-2545 fax

November 29, 2017

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

Subject: **Fiscal Fourth Quarter 2017 Groundwater Monitoring Report (7/13/17 – 10/24/17)**
October 2017 Sampling Event
Former Scott Aviation Facility – West of Plant 2
Lancaster, New York
NYSDEC Site Code No. 9-15-149

Dear Mr. May:

On behalf of Scott Figgie LLC (successor to Scott Technologies, Inc.), AECOM Technical Services, Inc. (AECOM) is pleased to provide this Fiscal Fourth Quarter 2017 Groundwater Monitoring Report for the former Scott Aviation Facility – West of Plant 2 area (site) located in Lancaster, New York (**Figure 1**). Quarterly groundwater monitoring activities have been performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Administrative Order on Consent (AOC), Index No. B9-0377095-05, for the former Scott Aviation facility (formerly Figgie International), NYSDEC Site Code No. 9-15-149. This report has been developed in accordance with the NYSDEC Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

Groundwater samples were collected from select monitoring wells in fulfillment of the site AOC for groundwater monitoring requirements. A new monitoring schedule was implemented based on Table 12 presented in the Periodic Review Report (PRR) (April 7, 2016 through April 20, 2017), dated May 30, 2017, and the wells sampled during this groundwater monitoring event reflect this schedule (with the addition of wells for monitoring the performance of the November 2014 injection pilot study as discussed below). Additionally, two vapor samples were collected from the air stripper and liquid ring pump discharge sampling ports as part of the October 2017 sampling event, to ensure that the treated system effluent was in compliance with NYSDEC vapor discharge guidance criteria. Included in this report are a description of the project background, groundwater and vapor monitoring activities, operation and maintenance (O&M) activities for the groundwater dual phase extraction (DPE) remediation system, and a summary of groundwater quality and vapor effluent results.

Project Background

Scott Aviation, Inc. was sold to Zodiac Acquisitions Corporation in 2004, and the facility is now occupied by AVOX Systems Inc. (AVOX). Per the purchase and sale agreement, the responsibility for the DPE groundwater remediation system located at 25A Walter Winter Drive, west of AVOX Plant 2, was retained for a designated period of years by Scott Technologies, Inc., the former parent company of Scott Aviation, Inc. Due to an organizational change, Scott Figgie LLC has replaced Scott Technologies, Inc. as the entity responsible for the remediation of the subject site. Scott

Figgie has retained the services of AECOM for the ongoing O&M of the DPE remediation system and related groundwater monitoring activities.

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

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

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

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

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

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

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

Per a letter from NYSDEC dated August 16, 2010, an Institutional Controls/Engineering Controls (IC/EC) certification is, as of that correspondence, 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 2018 through October 2018. The August 2010 NYSDEC letter also stated that, as of that correspondence, the RAER should be revised into a Periodic Review Report (PRR). Therefore, the sixth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 8, 2010 through April 7, 2011) and submitted to NYSDEC in June 2011. The seventh year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2011 through April 3, 2012) and submitted to NYSDEC in May 2012. The eighth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 3, 2012 through April 3, 2013) and submitted to NYSDEC in July 2013. The ninth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 3, 2013 through April 7, 2014) and submitted to NYSDEC in July 2014. The tenth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2014 through April 7, 2015) and submitted to NYSDEC in July 2015. The eleventh year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2015 through April 7, 2016) and submitted to NYSDEC in November 2016. During the past year, the twelfth PRR (April 7, 2016 through April 20, 2017) was completed and submitted to NYSDEC on May 30, 2017. An IC/EC certification was included with each PRR with the exception of the three most recent PRRs; NYSDEC informed AECOM via email that an IC/EC certification form was not auto-generated by the NYSDEC and to submit the PRRs without an IC/EC certification.

Quarterly Groundwater Monitoring Activities – October 2017

AECOM personnel collected quarterly groundwater samples on October 19-24, 2017 (vapor samples were collected on 10/16/17), in accordance with the procedures outlined in the NYSDEC-approved November 2003 RDWP and the August 2010 letter. October 2017 groundwater samples were collected from monitoring wells MW-2, MW-3, MW-4, MW-6, MW-8R, MW-10, MW-11, MW12, MW-13S, MW-13D, MW-16S, MW-16D, the GWCT, and the DPE wells (**Figure 2**). Field forms generated during this sampling event are provided in **Appendix A**. Groundwater samples were analyzed for VOCs by TestAmerica Laboratories, Inc. (Amherst, New York) using United States Environmental Protection Agency (EPA) SW-846 Method 8260C.

Prior to the collection of groundwater samples, a complete round of groundwater levels was measured in all site wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on October 23, 2017. A summary of current and historical groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair is provided in **Appendix B**. Monitoring wells MW-2, MW-3, MW-4, MW-6, MW-8R, MW-9, MW-10, 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). DPE wells DPE-1, DPE-3, DPE-5, and DPE-8 are screened in the shallow water-bearing unit, while DPE-2, DPE-4, and DPE-7 are screened in the deep water-bearing unit. The GWCT is installed in the deep water-bearing unit.

Two groundwater surface contour maps for October 2017 are provided. The average water levels calculated for the nested piezometer pairs and monitoring wells, in conjunction with DPE well water level data, were used to generate the groundwater surface contours presented in **Figure 4**. **Figure 5** illustrates the groundwater surface contours using only monitoring well and deep piezometer and DPE water level data.

Groundwater elevations measured from monitoring wells and piezometers on October 23, 2017 ranged from 680.41 feet above mean sea level (AMSL) at MW-2 to 668.86 feet AMSL at MW-14D. The average groundwater surface elevation across the site was 0.2 feet higher when compared to

the prior round of groundwater elevation measurements collected in July 2017. The rise in groundwater elevations may be attributable to seasonal fluctuation. Based on the October 2017 water level measurements, the groundwater surface beneath the site exhibits inward flow towards the GWCT and DPE wells. As **Figures 4** and **5** illustrate, the GWCT and DPE wells induce groundwater flow reversal along the western AVOX Plant 2 property boundary. This reversal in groundwater flow provides hydraulic capture of VOCs present in the overburden groundwater that might otherwise migrate off-site.

Groundwater Quality Results – October 2017

Tables 3, 4 and **5** summarize VOC data for groundwater samples collected in October 2017 from the monitoring wells and piezometers, DPE wells, and GWCT, respectively. The table below summarizes VOCs detected in groundwater above their detection limits, their respective concentration ranges, the number of detections, and the number of those detections that exceeded the site-specific Remedial Action Objectives (RAOs) or the New York Code, Rules, and Regulations (NYCRR), Title 6, Parts 702.15(a)(2) and 703.5 guidance values. Note that in some cases the detection limits for certain VOCs were set above their respective RAO's due to dilution factors (high concentration of target analyte[s]). Consistent with previous quarterly reports, the table below summarizes only monitoring wells and piezometers (GWCT and DPE well results are not included).

Groundwater Quality Results
October 2017

VOCs Detected in Groundwater	Concentration Range (micrograms per liter)	Number of Detections	RAO/NYCRR Exceedances
Chloroethane	1.4 – 1,800	9	7
Vinyl Chloride	0.44 – 73,000	8	6
1,1-Dichloroethane	0.79 – 430	7	6
cis-1,2-Dichloroethene	0.24 – 14,000	7	5
Acetone	0.29 – 130	7	1
Toluene	0.56 – 740	4	3
trans-1,2-Dichloroethene	0.54 - 19	3	2
Carbon Disulfate	0.49 – 0.80	3	0
Benzene	3.4 – 0.59	2	1
1,1-Dichloroethene	2.7 – 3.5	2	0
2-Butanone	240	1	1
Trichloroethene	7.7	1	1

Twelve VOCs were detected in groundwater from monitoring wells and piezometers sampled above their associated detection limit during the monitoring period. Ten of the twelve VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria; note that two laboratory cleaning compounds, acetone and 2-butanone, were detected in seven of the thirteen samples. The occurrences of constituents of potential concern were detected primarily in the vicinity of the former on-site source area, and VOC concentrations decrease significantly in the vicinity of the perimeter monitoring wells.

An electronic copy of the analytical laboratory data package for the October 2017 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 trichloroethene (TCE) daughter products cis-1,2-dichlorethene (cis-1,2-DCE) and vinyl chloride (VC), and of 1,1,1-trichloroethane (1,1,1-TCA) daughter products 1,1-dichlorethane (1,1-DCA) and chloroethane, provides supportive evidence that the attenuation of TCE and 1,1,1-TCA continues to occur on the site via reductive dechlorination. The occurrence of these daughter products appears to be directly related to the historic distribution of TCE and 1,1,1-TCA in the subsurface. In addition, the virtual elimination of TCE and 1,1,1-TCA concentrations between Third Quarter 2015 and the current reporting period can be attributed to the injection pilot test performed in November 2014 and in April/May 2015 using the injectate Anaerobic BioChem and zero valent iron (ABC+®) (for details of the injection program, refer to the NYSDEC-approved 2014 Injection Pilot Test Work Plan dated November 6, 2014 and the NYSDEC-approved 2015 addendum to the 2014 Injection Pilot Test Work Plan dated April 28, 2015).

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 both as a result of naturally occurring reductive dechlorination processes, and as a result of the injection pilot tests. Additionally, historical concentrations of VOCs in soil vapor and groundwater are also decreasing as a result of extraction and treatment through the combined DPE remediation system. Because TCE has been considered the primary source of groundwater contamination at the site, a summary of historical and current TCE concentrations in groundwater for 10 of the 12 monitoring wells and piezometers sampled in October 2017 is included in **Table 6**. Recall that the DPE component of the combined remediation system was started May 14, 2004 and the injection of ABC+® occurred in November 2014 and April/May 2015. In addition, a chemical oxidation injection pilot test was performed between July and October 2010, and a second series of chemical oxidation injections was performed between June and October 2011.

Table 6 shows a summary of historical and current TCE concentrations. Based on the October 2017 groundwater data, there was one detection of TCE above the RAO. It is important to note that the November 2014 injections were centered on MW-4 and MW-8R, while the April/May 2015 injections included an expanded area which also included MW-13S/D and MW-16S/D. Overall, decreases in TCE concentrations observed since the combined DPE groundwater remediation system was installed in May 2004 indicate that the system continues to reduce VOC concentrations in overburden groundwater and soil at the site.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – October 2017

AECOM personnel collected vapor effluent samples from the combined groundwater remediation system vapor discharge stacks on October 16, 2017. Summa canisters were used to collect the vapor samples from the permanent sample port located on the air stripper (AS) discharge stack and from the DPE vacuum pump discharge stack. **Figure 3** shows the location of the vapor sample ports. The vapor samples were analyzed for VOCs using EPA Method TO-15 by TestAmerica Laboratories, Inc., Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – October 2017

The system vapor effluent results are summarized in **Table 7**, and an electronic copy of the analytical laboratory data package is provided on the enclosed CD in **Appendix C**. Five VOCs were detected in the AS unit effluent and five VOCs were detected in the DPE vacuum pump effluent. The total VOCs discharged were 3,818 micrograms per cubic meter in the combined AS and DPE vacuum pump unit effluents. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.0015 pounds per hour (lb/hr), which is well 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.

- On July 25, 2017, AECOM completed the 180-day hazardous waste transport and disposal activities with AECOM subcontractor Heritage Environmental Services, LLC. Approximately 425 pounds of O&M solids (F002) were transported off site for incineration.

- On August 14, 2017, AECOM noted the DPE system was not operating as a result of a malfunction of the remediation building sump pump; Matrix Environmental Technologies Inc. (Matrix) visited the site on the same day to replace the pump and restart the system.

Based on a system operational period from July 13, 2017 (Third Quarter groundwater sampling event) to October 24, 2017, the total combined DPE system runtime was just under 100 percent (the system was down for six hours during the replacement of the remediation building sump pump as described in the section above). During this operational period, the estimated total volume of groundwater treated and discharged by the AS unit to the local sanitary sewer was 19,093 gallons, at an average flow rate of 0.13 gallons per minute.

Summary

The DPE system was turned back on in August 2016 following being off-line since the November 2014 and April/May 2015 injection pilot tests. The GWCT was also operational during Fourth Quarter 2017 groundwater sampling and monitoring activities that occurred on October 19-24, 2017 (note the vapor samples were collected on October 16, 2017). TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, MW-6, MW-10, MW-11, and MW-12. Following the November 2014 injection pilot test and the April/May 2015 injection treatment, very significant reductions in TCE and cis-1,2-DCE concentrations have been measured at MW-4, MW-8R, MW-13S, and MW-16S. At the most highly impacted monitoring well (MW-16S), between 7/13/17 and 10/24/17 the concentration of cis-1,2-DCE decreased by about 75% and the concentration of VC decreased by about 60%.

Based on the results of the October 2017 sampling event, the combined GWCT and DPE system continue to maintain hydraulic capture of the overburden groundwater. In addition, the system continues to make progress towards the reduction of the concentration of VOCs present in site soil and groundwater. Vapor emissions produced by the system during the Fourth Quarter 2017 were far less than the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event is planned for January 2018; a list of the monitoring wells and piezometers to be sampled is included in **Table 1**.

If you have any questions regarding this submission, please do not hesitate to contact me at (716) 923-1125 or via e-mail at dino.zack@aecom.com.

Yours sincerely,

Dino L. Zack, PG, STS
Project Manager
dino.zack@aecom.com

\Enclosures

cc: Stuart Rixman, GSF Management Company LLC (Electronic copy)
Troy Chute, GSF Management Company LLC (Electronic copy)
Jennifer Davide, AVOX Systems Inc. (Electronic Copy)
AECOM Project 60538931 File (Electronic Copy)

Tables

Table 1

Groundwater Monitoring Schedule - January 2018 through October 2018
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Event Date	Number of Locations Scheduled for Sampling	Lcoations Scheduled for Sampling			
January 2018 (Quarterly)	20	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-10	MW-11	MW-12
		MW-13S	MW-13D	MW-16S	MW-16D
		DPE-1	DPE-2	DPE-3	DPE-4
		DPE-5	DPE-7	DPE-8	GWCT
April 2018 (Annual)	25	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-9	MW-10	MW-11
		MW-12	MW-13S	MW-13D	MW-14S
		MW-14D	MW-15S	MW-15D	MW-16S
		MW-16D	DPE-1	DPE-2	DPE-3
		DPE-4	DPE-5	DPE-7	DPE-8
		GWCT			
July 2018 (Quarterly)	20	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-10	MW-11	MW-12
		MW-13S	MW-13D	MW-16S	MW-16D
		DPE-1	DPE-2	DPE-3	DPE-4
		DPE-5	DPE-7	DPE-8	GWCT
October 2018 (Quarterly)	20	MW-2	MW-3	MW-4	MW-6
		MW-8R	MW-10	MW-11	MW-12
		MW-13S	MW-13D	MW-16S	MW-16D
		DPE-1	DPE-2	DPE-3	DPE-4
		DPE-5	DPE-7	DPE-8	GWCT

Notes:
MW-## - Monitoring Well
MW-##S - Shallow Piezometer
MW-##D - Deep Piezometer
DPE-## - Dual Phase Extraction Well
GWCT - Groundwater Collection Trench

Table 2

Quarterly Groundwater Monitoring Water Level Data - October 23, 2017
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	687.00	6.59	680.41
MW-3	687.05	11.80	675.25
MW-4	686.50	13.06	673.44
MW-6	686.46	9.35	677.11
MW-8R	686.29	12.06	674.23
MW-9	689.57	14.84	674.73
MW-10	687.70	8.61	679.09
MW-11	688.61	12.83	675.78
MW-12	686.19	6.21	679.98
Nested Piezometers			
MW-13S	686.65	6.42	680.23
MW-13D	686.78	10.87	675.91
MW-14S	685.74	7.18	678.56
MW-14D	685.88	17.02	668.86
MW-15S	687.17	2.55	684.62
MW-15D	687.87	14.21	673.66
MW-16S	688.15	8.66	679.49
MW-16D	688.16	14.72	673.44
Remedial System			
GWCT Manhole (rim)	687.22	21.76	665.46
DPE Wells			
DPE-1	687.17	13.48	673.69
DPE-2	685.32	19.92	665.40
DPE-3	685.98	7.47	678.51
DPE-4	686.00	6.12	NA
DPE-5	686.91	14.73	672.18
DPE-7	685.92	13.22	672.70
DPE-8	686.03	10.69	675.34

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
GWCT - Groundwater Collection Trench
NA - Not Available
GWCT is 200 feet long with a 0.01 foot/foot slope to the collection manhole
Locations re-surveyed on February 23, 2016

Table 3

Summary of October 2017 Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	MW-2	MW-3	MW-4	MW-6	MW-8R	MW-10	MW-11	MW-12
Date Collected	RAO/NYCRR	10/23/17	10/23/17	10/23/17	10/20/17	10/24/17	10/20/17	10/20/17	10/23/17
Lab Sample ID	Objective	480-126420-2	480-126420-4	480-126420-9	480-126348-6	480-126420-10	480-126348-4	480-126348-3	480-126420-3
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	< 1.0 U	**7.8**	**31**	< 1.0 U	**54**	< 1.0 U	**0.79 J**	< 1.0 U
1,1-Dichloroethene	5	< 1.0 U	< 1.0 U	< 20 U	< 1.0 U	**2.7** J	< 1.0 U	< 1.0 U	< 1.0 U
2-Butanone (MEK)	50	< 50 U	< 50 U	**240 J**	< 10 U	< 500 U	< 10 U	< 10 U	< 50 U
Acetone	50	**2.9 J**	**4.0 J**	**130**	**2.9 J**	< 250 U	**14 J**	**6.0 J**	**5.4 J**
Benzene	1	< 1.0 U	< 1.0 U	**3.4 J**	< 1.0 U	< 10 U	< 1.0 U	< 1.0 U	**0.59 J**
Carbon Disulfate	60	< 1.0 U	< 1.0 U	< 5.0 U	**0.49 J**	< 10 U	**0.67 J**	**0.80 J**	< 1.0 U
Chloroethane	5*	**3.5**	**1.4**	**600**	< 1.0 U	**19**	< 1.0 U	< 1.0 U	**6.8**
cis-1,2-Dichloroethene	5*	< 1.0 U	**1.3**	**6.8**	< 1.0 U	**500**	< 1.0 U	**1.5**	**0.24 J**
Toluene	5*	< 1.0 U	< 1.0 U	**13**	< 1.0 U	**23**	< 1.0 U	< 1.0 U	< 1.0 U
Trichloroethene	5*	< 1.0 U	< 1.0 U	< 20 U	< 1.0 U	**7.7 J**	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	**19**	< 1.0 U	**5.5 J**	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	**11**	**18**	**0.44 J**	**1,200**	< 1.0 U	**2.2**	**2.9**
Total Volatile Organic Compounds	NA	6.4	26	1,054	0	1,812	14.7	11.3	15.9

Table 3

Summary of October 2017 Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	MW-13S		MW-13D		MW-16S		MW-16D	
Date Collected	RAO/NYCRR	10/24/17		10/24/17		10/24/17		10/24/17	
Lab Sample ID	Objective	480-126420-11		480-126420-12		480-126420-13		480-126420-14	
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	**5.1**		< 1.0	U	**430**	**J**	**6.0**	
1,1-Dichloroethene	5	**3.5**	**J**	< 1.0	U	< 500	U	< 1.0	U
2-Butanone (MEK)	50	< 250	U	< 50	U	< 25,000	U	< 50	U
Acetone	50	< 130	U	< 25	U	< 13,000	U	< 25	U
Benzene	1	< 5.0	U	< 1.0	U	< 500	U	< 1.0	U
Carbon Disulfate	60	< 5.0	U	< 1.0	U	< 500	U	< 1.0	U
Chloroethane	5*	**10**		**6.9**		**1,800**		**98**	
cis-1,2-Dichloroethene	5*	**630**		< 1.0	U	**14,000**		**9.6**	
Toluene	5*	< 5.0	U	< 1.0	U	**740**	**J**	**0.56**	**J**
Trichloroethene	5*	< 5.0	U	< 1.0	U	< 500	U	< 1.0	U
trans-1,2-Dichloroethene	5	< 5.0	U	< 1.0	U	< 500	U	**0.54**	**J**
Vinyl chloride	5*	**240**		< 1.0	U	**73,000**		**24**	
Total Volatile Organic Compounds	NA	889		7		89,970		139	

Notes:
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
Site-specific RAO Ethylbenzene and 1,1,1-Trichloroethane were not detected above the reporting limit.
J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentrations within this range are estimated.
U - Not detected at or above reporting limit.
NA - Not applicable

Table 4

Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-1		DPE-1		DPE-1		DPE-1		DPE-1		DPE-1		DPE-1		DPE-1	
Date Collected	RAO/ NYCRR	04/17/14		04/06/16		07/06/16		10/27/16		01/16/17		04/18/17		07/11/17		10/19/17	
Lab Sample ID	Objective	480-58303-1		480-97989-10		480-102662-9		480-108538-3		480-112334-10		480-116720-17		480-121042-17		480-126348-2	
Volatile Organic Compounds by Method 8260 (µg/L)																	
1,1,1-Trichloroethane	5*	10	U	20	U	10	U	5.0	U	20	U	**7.7**		1.0	U	1.0	U
1,1-Dichloroethane	5*	**69**		**130**		10	U	**21**		**20**		5.0	U	**2.8**		**2.4**	
1,1-Dichloroethene	5	10	U	20	U	10	U	5.0	U	20	U	5.0	U	1.0	U	1.0	U
1,2-Dichloroethane	0.6	10	U	20	U	10	U	**1.1**	**J**	20	U	5.0	U	1.0	U	1.0	U
2-Butanone (MEK)	50	**140**		200	U	100	U	**24**	**J**	200	U	50	U	**10**		**33**	**J**
Ethylbenzene	5	10	U	20	U	10	U	5	U	20	U	5.0	U	1.0	U	**0.51**	**J**
Acetone	50	**310**		200	U	100	U	**64**		**65**	**J**	50	U	**36**		**84**	
Benzene	1	10	U	20	U	10	U	5.0	U	20	U	5.0	U	1.0	U	1.0	U
Carbon Disulfide	60	10	U	20	U	10	U	5.0	U	20	U	5.0	U	1.0	U	**5.7**	
Chloroethane	5*	**15**		20	U	10	U	**9.2**		**15**	**J**	**24**		**4.1**		**7.6**	
Chloromethane	5	10	U	**18**	**J**	10	U	5.0	U	20	U	5.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5*	**71**		**130**		10	U	**25**		**16**	**J**	**12**		**2.4**		**5.3**	
Methylene Chloride	5	10	U	20	U	10	U	**4.3**	**J**	20	U	5.0	U	1.0	U	5.0	U
Toluene	5*	**18**		**29**		10	U	**5.7**		20	U	**3.8**	**J**	**0.74**	**J**	**3.6**	
trans-1,2-Dichloroethene	5	10	U	20	U	10	U	5.0	U	20	U	5.0	U	1.0	U	1.0	U
Trichloroethene	5*	**23**		**18**	**J**	10	U	**4.7**	**J**	20	U	**1.3**	**J**	1.0	U	1.0	U
Vinyl chloride	5*	**15**		**31**		10	U	**6.8**		20	U	5.0	U	5.0	U	**1.1**	

Notes:
The DPE system was put back on line following the third quarter 2016 sampling event.
The injection of ABC+® occurred in November 2014 and April/May 2015.
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.
U - Not detected at or above reporting limit.

Table 4

Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-2		DPE-2		DPE-2		DPE-2		DPE-2		DPE-2		DPE-2	
Date Collected	RAO/ NYCRR	04/17/14		04/06/16		07/06/16		01/16/17		04/18/17		07/11/17		10/23/17	
Lab Sample ID	Objective	480-58303-6		480-97989-11		480-102662-8		480-112334-11		480-116720-18		480-121042-18		480-126420-7	
Volatile Organic Compounds by Method 8260 (µg/L)															
1,1,1-Trichloroethane	5*	5.0	U	5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5*	**4.4**		5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	5.0	U	5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	1.0	U
1,2-Dichloroethane	0.6	5.0	U	5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	1.0	U
2-Butanone (MEK)	50	50	U	50	U	50	U	**3.2**	**J**	50	U	10	U	10	U
Ethylbenzene	5	5.0	U	5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	1.0	U
Acetone	50	50	U	50	U	50	U	10	U	50	U	**6.0**	**J**	**3.4**	**J**
Benzene	1	5.0	U	5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	1.0	U
Carbon Disulfide	60	5.0	U	5.0	U	5.0	U	1.0	U	5.0	U	**0.33**	**J**	1.0	U
Chloroethane	5*	5.0	U	5.0	U	5.0	U	**2.5**		**3.5**	**J**	1.0	U	1.0	U
Chloromethane	5	5.0	U	5.0	U	5.0	U	1.0	U	5.0	U	**1.7**		**3.2**	**J**
cis-1,2-Dichloroethene	5*	**240**		5.0	U	5.0	U	1.0	U	**2.4**	**J**	1.0	U	1.0	U
Methylene Chloride	5	5.0	U	5.0	U	5.0	U	**0.51**	**J**	5.0	U	1.0	U	1.0	U
Toluene	5*	5.0	U	5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	5	5.0	U	5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	1.0	U
Trichloroethene	5*	**5.9**		5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	1.0	U
Vinyl chloride	5*	**54**		5.0	U	5.0	U	1.0	U	5.0	U	1.0	U	**0.85**	**J**

Notes:
The DPE system was put back on line following the third quarter 2016 sampling event.
The injection of ABC+® occurred in November 2014 and April/May 2015
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.
U - Not detected at or above reporting limit.

Table 4

Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-3		DPE-3		DPE-3		DPE-3		DPE-3		DPE-3		DPE-3		DPE-3		DPE-3		DPE-3	
Date Collected	RAO/ NYCRR	04/17/14		07/24/15		10/21/15		04/06/16		07/07/16		10/27/16		01/16/17		04/18/17		07/11/17		10/24/17	
Lab Sample ID	Objective	480-58303-2		480-84562-16		480-89674-15		480-97989-12		480-102824-3		480-108538-4		480-112334-12		480-116720-19		480-121042-19		480-126420-15	
Volatile Organic Compounds by Method 8260 (µg/L)																					
1,1,1-Trichloroethane	5*	**43**		10	U	20	U	5.0	U	10	U	5.0	U	20	U	**5.4**		20	U	20	U
1,1-Dichloroethane	5*	**42**		**24**		20	U	5.0	U	10	U	5.0	U	20	U	**14**		**92**		**34**	
1,1-Dichloroethene	5	**26**		**3.1**	**J**	20	U	5.0	U	10	U	5.0	U	20	U	**20**		**53**		**11**	**J**
1,2-Dichloroethane	0.6	10	U	10	U	20	U	5.0	U	10	U	5.0	U	20	U	1.0	U	20	U	20	U
2-Butanone (MEK)	50	50	U	**610**		**220**		50	U	100	U	50	U	200	U	**10**		200	U	1,000	U
Ethylbenzene	5	10	U	10	U	20	U	5.0	U	10	U	5.0	U	20	U	1.0	U	20	U	20	U
Acetone	50	50	U	**110**		**110**	**J**	50	U	100	U	50	U	200	U	**28**		200	U	500	U
Benzene	1	10	U	10	U	20	U	5.0	U	10	U	5.0	U	20	U	1.0	U	20	U	20	U
Carbon Disulfide	60	10	U	10	U	20	U	5.0	U	10	U	5.0	U	20	U	**0.5**	**J**	20	U	20	U
Chloroethane	5*	10	U	**23**		20	U	5.0	U	10	U	5.0	U	20	U	**5.5**		20	U	**14**	**J**
Chloromethane	5	10	U	10	U	20	U	5.0	U	10	U	**6**		20	U	1.0	U	20	U	20	U
cis-1,2-Dichloroethene	5*	**2,700**		**650**		**70**		**18**		**8.7**	J	5.0	U	20	U	**4,300**		**11,000**		**1,700**	
Methylene Chloride	5	10	U	**6.1**	**J**	20	U	**7.5**		10	U	5.0	U	20	U	1.0	U	20	U	100	U
Toluene	5*	**8.0**	**J**	**8.4**	**J**	20	U	5.0	U	10	U	5.0	U	20	U	**4.1**		**12**	**J**	20	U
trans-1,2-Dichloroethene	5	10	U	10	U	20	U	5.0	U	10	U	5.0	U	20	U	**68**		**22**		**19**	**J**
Trichloroethene	5*	**6,500**		10	U	20	U	5.0	U	10	U	**3.1**	**J**	20	U	**190**		**69**		**430**	
Vinyl chloride	5*	**120**		**240**		20	U	**12**		**43**		**10**		**45**		**480**		**10,000**		**430**	

Notes:
The DPE system was put back on line following the third quarter 2016 sampling event.
The injection of ABC+® occurred in November 2014 and April/May 2015
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.
U - Not detected at or above reporting limit.

Table 4

Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-4		DPE-4		DPE-4		DPE-4		DPE-4		DPE-4		DPE-4		DPE-4		DPE-4	
Date Collected	RAO/ NYCRR	04/17/14		07/24/15		10/21/15		07/06/16		10/27/16		01/16/17		04/18/17		07/11/17		10/23/17	
Lab Sample ID	Objective	480-58303-3		480-84562-17		480-89674-16		480-102662-10		480-108538-5		480-112334-13		480-116720-20		480-121042-19		480-126420-8	
Volatile Organic Compounds by Method 8260 (µg/L)																			
1,1,1-Trichloroethane	5*	10	U	10	U	100	U	400	U	1.0	U	100	U	20	U	NS		50	U
1,1-Dichloroethane	5*	**8.1**		**130**		**450**		400	U	**2.5**		100	U	**20**		NS		**22**	**J**
1,1-Dichloroethene	5	10	U	**30**		**460**		400	U	1.0	U	100	U	**17**	**J**	NS		**34**	**J**
1,2-Dichloroethane	0.6	10	U	**2.2**	**J**	100	U	400	U	1.0	U	100	U	20	U	NS		50	U
2-Butanone (MEK)	50	50	U	**65**	**J**	1,000	U	4,000	U	10	U	1,000	U	200	U	NS		2,500	U
Ethylbenzene	5	10	U	10	U	100	U	400	U	1.0	U	100	U	20	U	NS		50	U
Acetone	50	50	U	**46**	**J**	1,000	U	4,000	U	**6.9**	**J**	1,000	U	200	U	NS		1,300	U
Benzene	1	10	U	10	U	100	U	400	U	1.0	U	100	U	20	U	NS		50	U
Carbon Disulfide	60	10	U	**3.4**	**J**	100	U	400	U	**2.1**		100	U	20	U	NS		50	U
Chloroethane	5*	10	U	**49**		**110**		400	U	**4.6**		100	U	**8**	**J**	NS		50	U
Chloromethane	5	10	U	10	U	**230**		400	U	1.0	U	100	U	20	U	NS		50	U
cis-1,2-Dichloroethene	5*	**510**		**30,000**		**130,000**		**25,000**		**130**		**4,300**		**4,400**		NS		**6,000**	
Methylene Chloride	5	10	U	**8.1**	**J**	100	U	**260**	**J**	5.7	J	**81**	**J**	20	U	NS		250	U
Toluene	5*	10	U	**28**		**140**		400	U	1.0	U	100	U	**7**	**J**	NS		50	U
trans-1,2-Dichloroethene	5	10	U	**36**		100	U	400	U	1.0	U	100	U	**76**		NS		50	U
Trichloroethene	5*	**630**		**93**		**120**		**400**		**1.4**		100	U	**120**		NS		**13**	**J**
Vinyl chloride	5*	**31**		**4,700**		**37,000**		**12,000**		**44**		**1,100**		**1,400**		NS		**3,700**	

Notes:
The DPE system was put back on line following the third quarter 2016 sampling event.
The injection of ABC+® occurred in November 2014 and April/May 2015
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.
U - Not detected at or above reporting limit.

Table 4

Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-5		DPE-5		DPE-5		DPE-5		DPE-5		DPE-5		DPE-5		DPE-5		DPE-5		DPE-5	
Date Collected	RAO/ NYCRR	04/17/14		07/24/15		10/21/15		07/06/16		10/27/16		01/16/17		04/18/17		07/11/17		10/19/17			
Lab Sample ID	Objective	480-58303-4		480-84562-18		480-89674-17		480-102662-13		480-108538-6		480-112334-14		480-116720-21		480-121042-21		480-126348-1			
Volatile Organic Compounds by Method 8260 (µg/L)																					
1,1,1-Trichloroethane	5*	10	U	10	U	10	U	10	U	10	U	50	U	20	U	8.0	U	1.0	U		
1,1-Dichloroethane	5*	**160**		**30**		**59**		**17**		**110**		**150**		**44**		**45**		**100**			
1,1-Dichloroethene	5	**2.9**	**J**	10	U	10	U	10	U	10	U	**82**		20	U	8.0	U	1.0	U		
1,2-Dichloroethane	0.6	10	U	10	U	10	U	10	U	**9.3**	**J**	50	U	20	U	8.0	U	1.0	U		
2-Butanone (MEK)	50	**26**	**J**	**330**		**660**		**78**	J	100	U	500	U	200	U	80	U	**240**			
Ethylbenzene	5	10	U	10	U	10	U	10	U	10	U	50	U	20	U	8.0	U	1.8	U		
Acetone	50	**120**		**240**		**340**		**120**		**180**		**160**	**J**	200	U	**200**		25	U		
Benzene	1	10	U	10	U	10	U	10	U	10	U	50	U	20	U	8.0	U	**0.52**	**J**		
Carbon Disulfide	60	10	U	10	U	10	U	10	U	10	U	50	U	20	U	**12**		**3.0**			
Chloroethane	5*	**46**		**51**		**81**		**87**		**120**		**130**		**38**		**60**		**84**			
Chloromethane	5	10	U	10	U	10	U	10	U	10	U	10	U	20	U	8.0	U	1.0	U		
cis-1,2-Dichloroethene	5*	**320**		**410**		**610**		**120**		**2,800**		**33,000**		**2,000**		290		**1,400**			
Methylene Chloride	5	10	U	**4.5**	**J**	10	U	10	U	10	U	**26**	**J**	20	U	8.0	U	5.0	U		
Toluene	5*	**30**		**11**		**9.2**		10	U	**12**		**37**	**J**	**7.8**	**J**	8.0	U	**5.7**			
trans-1,2-Dichloroethene	5	10	U	**11**		**20**		10	U	10	U	10	U	**24**		8.0	U	**22**			
Trichloroethene	5*	**160**		10	U	10	U	10	U	**14**		**250**		**5.5**	**J**	8.0	U	1.0	U		
Vinyl chloride	5*	**71**		**180**		**170**		**71**		**1,600**		**6,400**		**570**		**190**		**1,600**			

Notes:
The DPE system was put back on line following the third quarter 2016 sampling event.
The injection of ABC+® occurred in November 2014 and April/May 2015
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.
U - Not detected at or above reporting limit.

Table 4

Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-7		DPE-7		DPE-7		DPE-7		DPE-7		DPE-7		DPE-7		DPE-7		DPE-7		DPE-7	
Date Collected	RAO/ NYCRR	04/17/14		07/24/15		10/21/15		07/07/16		10/27/16		01/16/17		04/18/17		07/11/17		10/23/17			
Lab Sample ID	Objective	480-58303-5		480-84562-19		480-89674-18		480-102824-4		480-108538-7		480-112334-15		480-116720-23		480-121042-22		480-126420-5			
Volatile Organic Compounds by Method 8260 (µg/L)																					
1,1,1-Trichloroethane	5*	10	U	20	U	20	U	20	U	20	U	20	U	1.0	U	20	U	1.0	U		
1,1-Dichloroethane	5*	**460**		**250**		**390**		**63**		20	U	**91**		**120**		**45**		**67**			
1,1-Dichloroethene	5	**47**	**J**	**12**	**J**	20	U	20	U	20	U	20	U	**0.48**	**J**	20	U	1.0	U		
1,2-Dichloroethane	0.6	10	U	20	U	20	U	20	U	20	U	20	U	**0.41**	**J**	20	U	1.0	U		
2-Butanone (MEK)	50	50	U	**150**	**J**	**940**		**530**		**210**		**270**		**280**		**120**	**J**	**67**			
Ethylbenzene	5	10	U	20	U	20	U	20	U	20	U	20	U	1.0	U	20	U	1.0	U		
Acetone	50	50	U	**1,100**		**530**		**230**		**130**	**J**	**140**	**J**	**150**		**130**	**J**	**30**			
Benzene	1	10	U	20	U	20	U	20	U	20	U	20	U	**1.0**		20	U	**0.66**	**J**		
Carbon Disulfide	60	10	U	20	U	20	U	20	U	20	U	20	U	1.0	U	20	U	1.0	U		
Chloroethane	5*	**11**		**27**		**260**		**260**		**110**		**530**		**360**		**450**		**340**			
Chloromethane	5	**10**	U	20	U	20	U	20	U	20	U	20	U	1.0	U	20	U	1.0	U		
cis-1,2-Dichloroethene	5*	**11,000**		**820**		**680**		**26**		**27**		20	U	**67**		20	U	**1.3**			
Methylene Chloride	5	10	U	**11**	**J**	20	U	20	U	20	U	**12**	**J**	1.0	U	20	U	5.0	U		
Toluene	5*	10	U	20	U	20	U	20	U	20	U	20	U	**5.8**		20	U	**2.0**			
trans-1,2-Dichloroethene	5	10	U	20	U	20	U	20	U	20	U	20	U	**4.1**	**J**	20	U	**1.3**			
Trichloroethene	5*	**1,300**		20	U	**12**	**J**	20	U	20	U	20	U	**0.93**	**J**	20	U	**0.46**	**J**		
Vinyl chloride	5*	**580**		**470**		**780**		**300**		20	U	**50**		**270**		**110**		**25**			

Notes:
The DPE system was put back on line following the third quarter 2016 sampling event.
The injection of ABC+® occurred in November 2014 and April/May 2015
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.
U - Not detected at or above reporting limit.

Table 4

Summary of Dual Phase Extraction Well Groundwater Analytical Data
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	DPE-8		DPE-8		DPE-8		DPE-8		DPE-8		DPE-8		DPE-8		DPE-8	
Date Collected	RAO/ NYCRR	07/24/15		10/21/15		07/07/16		10/27/16		01/16/17		04/18/17		07/11/17		10/23/17	
Lab Sample ID	Objective	480-84562-20		480-89674-19		480-102824-5		480-108538-1		480-112334-16		480-116720-24		480-121042-20		480-126420-6	
Volatile Organic Compounds by Method 8260 (µg/L)																	
1,1,1-Trichloroethane	5*	**57**		**170**		**39**		**21**		**170**		**55**		100	U	**4.8**	
1,1-Dichloroethane	5*	**140**		**590**		**58**		**22**		**130**		50	U	**310**		**4.4**	
1,1-Dichloroethene	5	50	U	**20**		5.0	U	**4.0**	**J**	**27**	**J**	50	U	100	U	**1.6**	
1,2-Dichloroethane	0.6	50	U	20	U	5.0	U	5.0	U	40	U	50	U	100	U	1.0	U
2-Butanone (MEK)	50	**540**		**260**		50	U	50	U	400	U	500	U	1,000	U	50	U
Ethylbenzene	5	50	U	20	U	5.0	U	5.0	U	40	U	50	U	100	U	1.0	U
Acetone	50	**890**		**220**		50	U	50	U	400	U	500	U	1,000	U	25	U
Benzene	1	50	U	20	U	5.0	U	5.0	U	40	U	50	U	100	U	1.0	U
Carbon Disulfide	60	50	U	**11**		5.0	U	5.0	U	40	U	50	U	**51**	**J**	1.0	U
Chloroethane	5*	50	U	**54**		**44**		**12**		40	U	50	U	100	U	**1.8**	
Chloromethane	5	50	U	20	U	5.0	U	5.0	U	40	U	50	U	100	U	1.0	U
cis-1,2-Dichloroethene	5*	**1,500**		**2,300**		5.0	U	**850**		**4,100**		**4,800**		**8,500**		**110**	
Methylene Chloride	5	**23**	**J**	20	U	5.0	U	5.0	U	40	U	50	U	100	U	5.0	U
Toluene	5*	50	U	20	U	5.0	U	5.0	U	40	U	50	U	100	U	1.0	U
trans-1,2-Dichloroethene	5	50	U	**55**		**8.1**		5.0	U	40	U	**57**		100	U	**0.99**	
Trichloroethene	5*	**230**		**92**		**5.4**		**8.4**		**98**		**36**	**J**	100	U	**6.6**	
Vinyl chloride	5*	**1,400**		**1,700**		**110**		**140**		**920**		**480**		**2,300**		1.0	U

Notes:
The DPE system was put back on line following the third quarter 2016 sampling event.
The injection of ABC+® occurred in November 2014 and April/May 2015
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.
U - Not detected at or above reporting limit.

Table 5

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

Sample ID	Groundwater	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole
Date Collected	RAO/ NYCRR	07/24/15	10/19/15	01/05/16	04/04/16	07/05/16	10/27/16	01/16/17	04/20/17	07/11/17	10/23/17
Lab Sample ID	Objective	480-84562-15	480-89674-20	480-93630-15	480-84562-15	480-102662-4	480-108538-2	480-112334-8	480-116720-15	480-121042-15	480-126420-1
Volatile Organic Compounds by Method 8260 (µg/L)											
1,1-Dichloroethane	5*	**1.3**	**0.7**	< 1.0 U	**0.4** J	< 1.0 U	< 1.0 U	< 1.0 U	**0.74** J	< 1.0 U	< 1.0 U
2-Butanone (MEK)	50	**2.4** J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U	< 10 U	< 10 U
Acetone	50	**7.0** J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U	< 10 U	< 10 U
Chloroethane	5*	< 1.0 U	< 1.0 U	**62**	**44**	**70**	**34**	**45**	**26**	**65**	**45**
cis-1,2-Dichloroethene	5*	**1.1**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**0.74** J	< 1.0 U	< 1.0 U
Ethylbenzene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**0.19** J
Toluene	5*	< 1.0 U	< 1.0 U	**0.99** J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**0.25** J
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**0.34** J
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	**0.67** J
Total Volatile Organic Compounds	NA	12.8	0.7	63	44	70	34	45	27	65	45

Notes:
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
* Site-specific RAO per ROD (November 1994)
J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.
U - Not detected at or above reporting limit.
NA - Not applicable

Table 6

Summary of Trichloroethene Concentrations Following November 2014 Injection Pilot Study - October 2017
Former Scott Aviation Facility - West of Plant 2 Site
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Well ID	Jan 2015[(1)]	Apr 2015	Jul 2015	Oct 2015	Jan 2016	Apr 2016	Jul 2016	Oct 2016	Jan 2017	Apr 2017	Jul 2017	Oct 2017	TCE Reduction - Previous Sampling	TCE Reduction - Baseline Sampling
MW-2	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-3	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-4	18,000	110	<100	<100	<100	<100	<20	<20	<20	<5	<20	<20	ND	ND
MW-6	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-8R	2,100	<2,000	200	<25	<1,000	<1,000	24	<100	<100	14	<400	7.7	increase	99.6%
MW-10	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW- 11	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-12	NS	<1	<1	<1	<1	<5	<5	<1	<4	<1	<1	<1	ND	ND
MW-13S	19,000	31,000	<500	<10	41	<100	<4	<2	2.1	0.26	<2	<5	ND	ND
MW-16S	160,000	26,000	5,100	<4,000	<4,000	<4,000	<2,000	<500	<500	86	<1,000	<500	ND	ND

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

Table 7

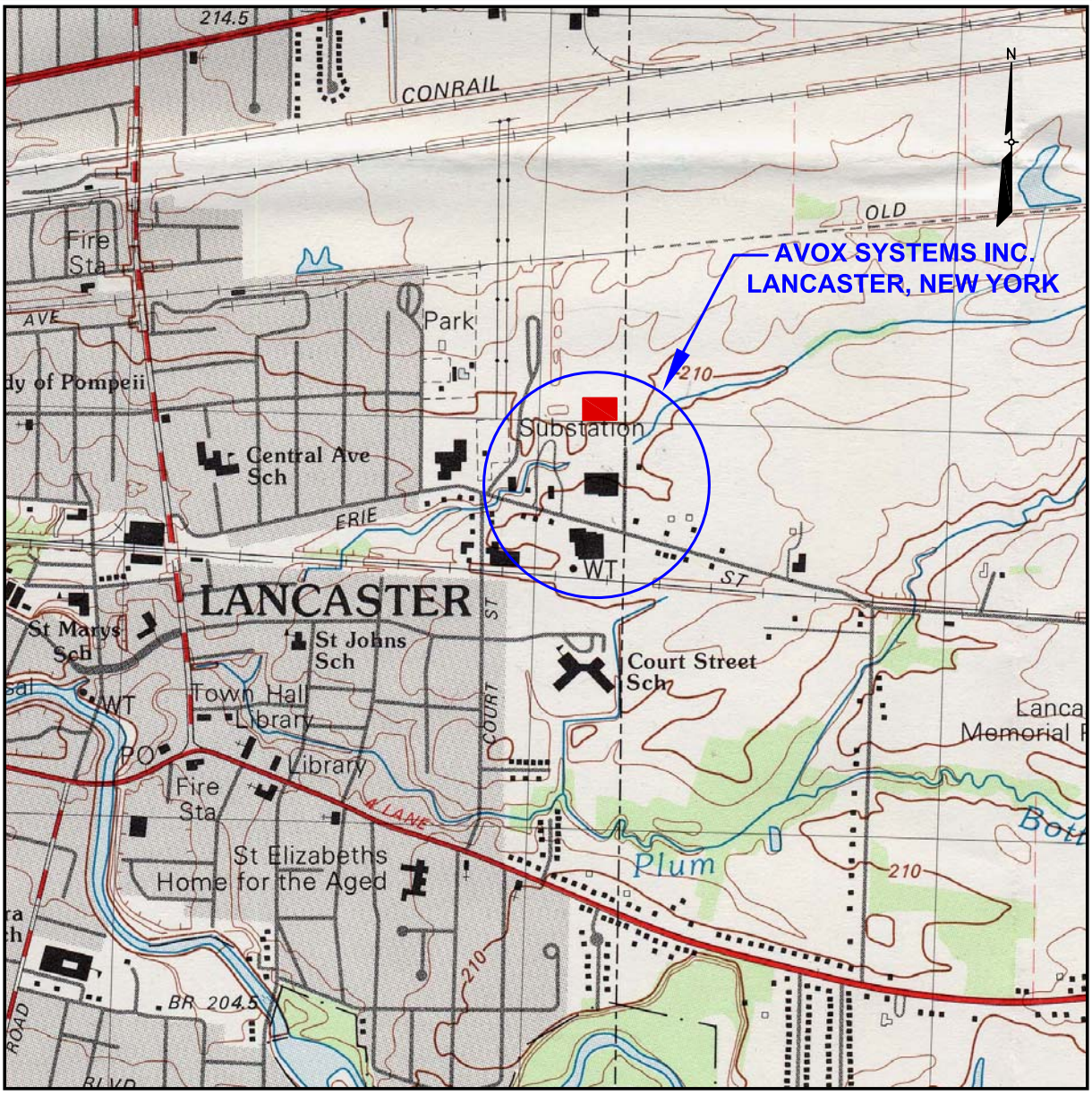
Vapor Monitoring Results - October 2017
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

	Sample ID:	LRP Effluent 4Q17	AS Effluent 4Q17
	Sample Date:	10/16/2017	10/16/2017
VOCs by Method TO-15 (µg/m^3)			
1,2,4-Trimethylbenzene		U	1.0
1,1-Dichloroethane		29	U
1,2-Dichloroethene, Total		2,300	U
2,2,4-Trimethylpentane		U	1.3
Acetone		U	17
Carbon disulfide		U	53
Chloroethane		50	6.1
Chloromethane		U	1.1
Dichlorodifluoromethane		U	2.5
m,p-Xylene		U	2.4
o-Xylene		U	1.1
Methyl Ethyl Ketone		U	4.8
n-Heptane		U	1.1
n-Hexane		U	1.1
Trichloroethene		46	U
Vinyl chloride		1,300	U
Total Detected VOCs (µg/m^3)		3,725	93
Vacuum (inches Hg)		18	5.5
Air Flow Rate (acfm)		102	190
VOC discharge loading (lb/hr)		0.00142	0.00007
Total VOC discharge loading (lb/hr)		**0.00149**	

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

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

FIGURES



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

LEGEND

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

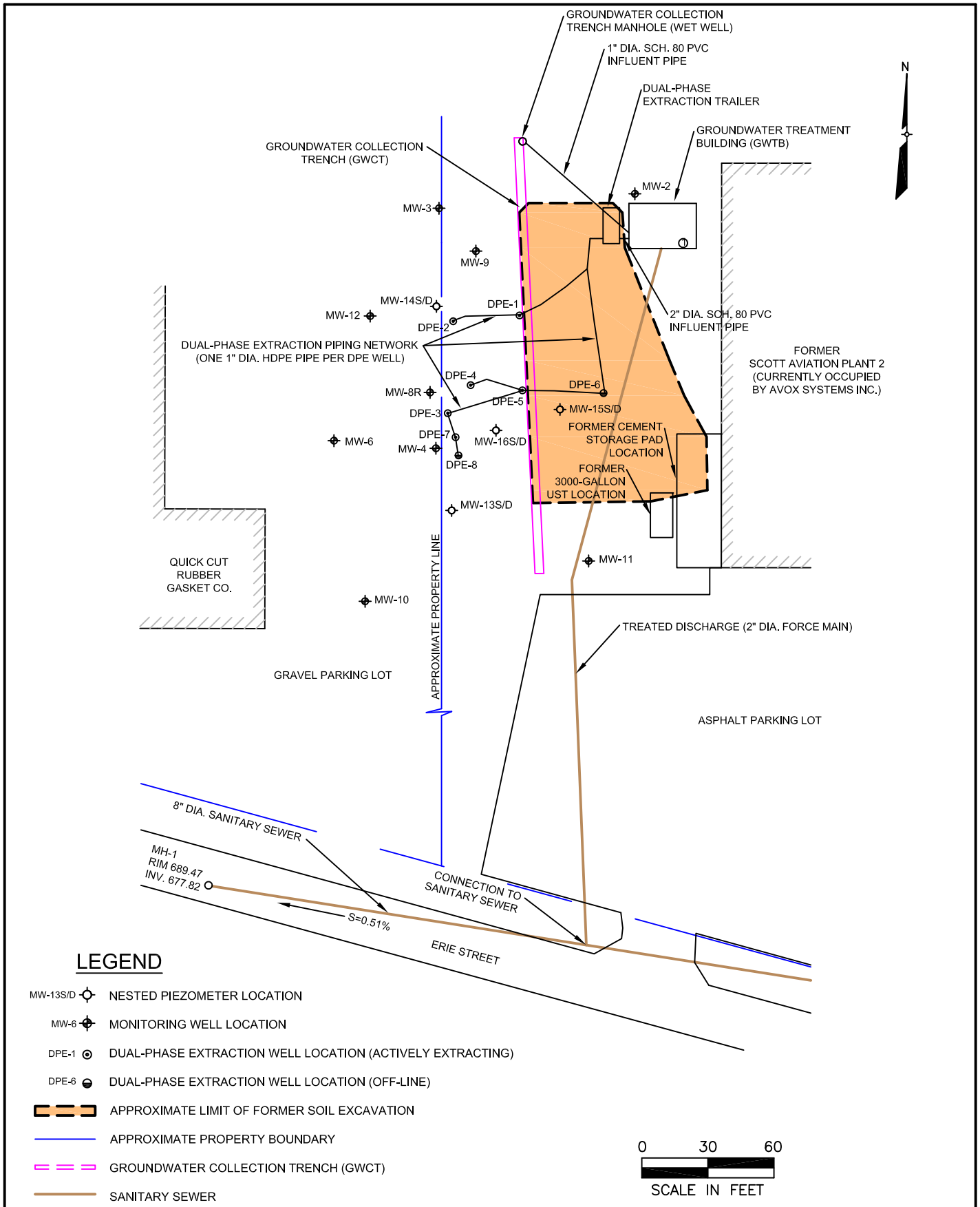
0 1000 2000
SCALE IN FEET

AECOM

FIGURE 1
SITE LOCATION MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

L:\work\71149\CADD\71149_000 Site Loc Map.dwg, 8/11/2015 1:22:04 PM, Splawnm



AECOM

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

AECOM

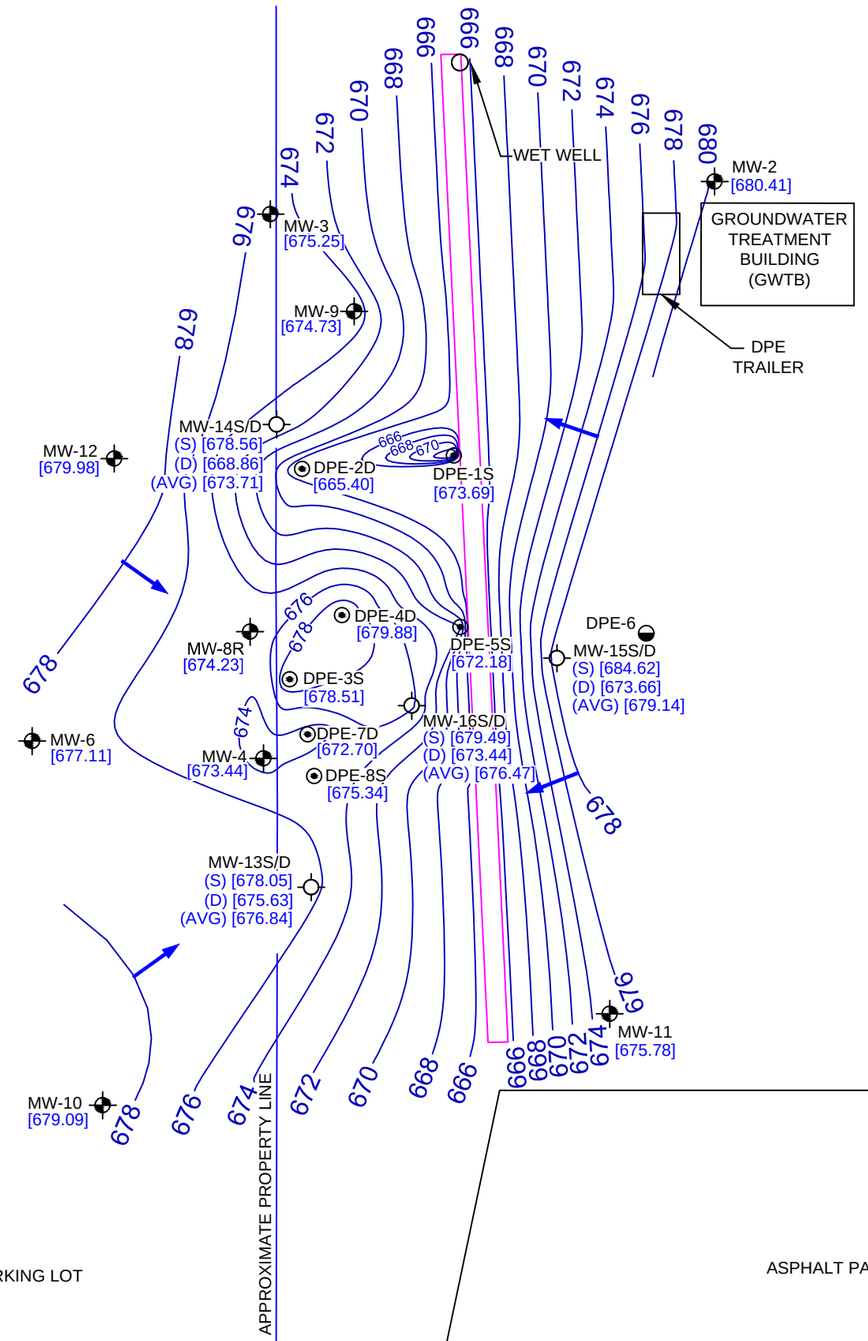
FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM FOR COMBINED DUAL PHASE EXTRACTION REMEDIATION SYSTEM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

Quarterly Groundwater Monitoring Water Level Data - October 23, 2017
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	687.00	6.59	680.41
MW-3	687.05	11.80	675.25
MW-4	686.50	13.06	673.44
MW-6	686.46	9.35	677.11
MW-8R	686.29	12.06	674.23
MW-9	689.57	14.84	674.73
MW-10	687.70	8.61	679.09
MW-11	688.61	12.83	675.78
MW-12	686.19	6.21	679.98
Nested Piezometers			
MW-13S	686.65	6.42	680.23
MW-13D	686.78	10.87	675.91
MW-14S	685.74	7.18	678.56
MW-14D	685.88	17.02	668.86
MW-15S	687.17	2.55	684.62
MW-15D	687.87	14.21	673.66
MW-16S	688.15	8.66	679.49
MW-16D	688.16	14.72	673.44
Remedial System			
GWCT Manhole (rim)	687.22	21.76	665.46
DPE Wells			
DPE-1	687.17	13.48	673.69
DPE-2	685.32	19.92	665.40
DPE-3	685.98	7.47	678.51
DPE-4	686.00	6.12	679.88
DPE-5	686.91	14.73	672.18
DPE-7	685.92	13.22	672.70
DPE-8	686.03	10.69	675.34

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
GWCT - Groundwater Collection Trench
NA - Not Available
GWCT is 200 feet long with a 0.01 foot/foot slope to the collection manhole
Locations re-surveyed on February 23, 2016



LEGEND

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

NOTES

1. GROUNDWATER ELEVATIONS WERE AVERAGED AT SHALLOW AND DEEP PIEZOMETER PAIR LOCATIONS (e.g. MW-15S/D) TO COMPARE TO ELEVATIONS MEASURED IN WELLS SCREENED ACROSS THE ENTIRE OVERBURDEN THICKNESS.
2. GROUNDWATER WATER LEVELS WERE COLLECTED ON OCTOBER 23, 2017.

0 15 30 60
SCALE IN FEET

AECOM

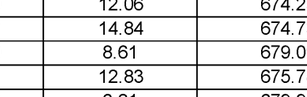
FIGURE 4
OCTOBER 23, 2017 AVERAGE OVERBURDEN GROUNDWATER ELEVATIONS (WITH DPE DATA)
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

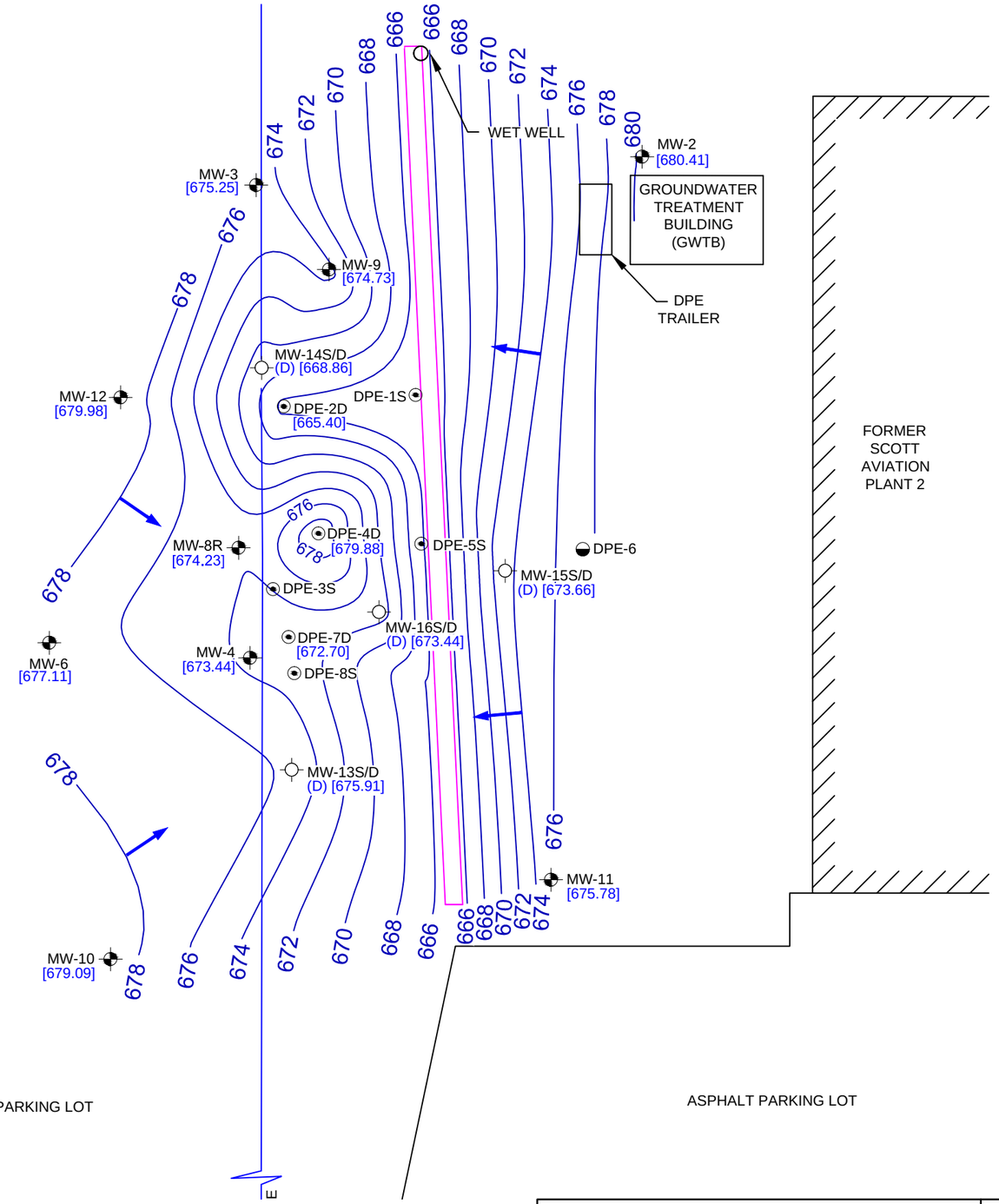
L:\work\71149\CADD\71149_170 GW Surf Cont Oct 2017 (AVG)_w DPEs.dwg, 11/27/2017 12:38:02 PM, Splawnm

Quarterly Groundwater Monitoring Water Level Data - October 23, 2017
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	687.00	6.59	680.41
MW-3	687.05	11.80	675.25
MW-4	686.50	13.06	673.44
MW-6	686.46	9.35	677.11
MW-8R	686.29	12.06	674.23
MW-9	689.57	14.84	674.73
MW-10	687.70	8.61	679.09
MW-11	688.61	12.83	675.78
MW-12	686.19	6.21	679.98
Nested Piezometers			
MW-13S	686.65	6.42	680.23
MW-13D	686.78	10.87	675.91
MW-14S	685.74	7.18	678.56
MW-14D	685.88	17.02	668.86
MW-15S	687.17	2.55	684.62
MW-15D	687.87	14.21	673.66
MW-16S	688.15	8.66	679.49
MW-16D	688.16	14.72	673.44
Remedial System			
GWCT Manhole (rim)	687.22	21.76	665.46
DPE Wells			
DPE-1	687.17	13.48	673.69
DPE-2	685.32	19.92	665.40
DPE-3	685.98	7.47	678.51
DPE-4	686.00	6.12	679.88
DPE-5	686.91	14.73	672.18
DPE-7	685.92	13.22	672.70
DPE-8	686.03	10.69	675.34

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
GWCT - Groundwater Collection Trench
NA - Not Available
GWCT is 200 feet long with a 0.01 foot/foot slope to the collection manhole
Locations re-surveyed on February 23, 2016





LEGEND

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

NOTES

1. GROUNDWATER ELEVATIONS FROM THE DEEP PIEZOMETERS PAIR AND DEEP DUAL PHASE EXTRACTION WELLS (i.e. MW-13D, MW-14D, MW-15D, MW-16D, DPE-2, DPE-4, AND DPE-7) WERE USED TO CREATE THE GROUNDWATER SURFACE CONTOURS.
2. GROUNDWATER WATER LEVELS WERE COLLECTED ON OCTOBER 23, 2017.

0 15 30 60
SCALE IN FEET

AECOM

FIGURE 5
OCTOBER 23, 2017 DEEP OVERBURDEN GROUNDWATER ELEVATIONS (WITH DPE DATA)
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

L:\work\71149\CADD\71149_171 GW Surf Cont Oct 2017 (DEEP)_w DPEs.dwg, 11/27/2017 1:22:06 PM, Splawnm

APPENDIX A

Field Forms

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/23/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-2
____ Upgradient ____ Downgradient
Weather Conditions: cloudy
Air Temperature: 65 ° F
Total Depth (TWD) Below Top of Casing = 16.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.64 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.59 gal
3 Casing Volumes = 4.77 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 8.8 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)	150	200	200	200	200	200	200	200
Time (Military)	9:10	9:15	9:20	9:25	9:30	9:35	9:40	9:45
Depth to Groundwater Below Top of Casing (ft)	7.12	7.91	8.51	8.59	9.12	9.22	9.54	9.93
Drawdown (ft)	-0.48	-0.79	-0.60	-0.08	-0.53	-0.10	-0.32	-0.39
pH (S.U.)	6.63	6.63	6.77	6.86	6.85	6.79	6.65	6.65
Sp. Cond. (mS/cm)	0.96	0.86	0.74	0.72	0.72	0.72	0.73	0.74
Turbidity (NTUs)	17.4	8.57	19.6	23.2	29.2	33.6	14.8	9.43
Dissolved Oxygen (mg/L)	1.11	1.67	3.13	1.35	0.97	0.83	0.79	0.72
Water Temperature (°C)	15.9	15.8	16	16.1	16.2	16.3	16.3	16.4
ORP (mV)	-185.2	-170.1	-164.7	-115.3	-85.2	-116.8	-130.6	-121.1

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 time at 9:58

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/23/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-2
____ Upgradient ____ Downgradient
Weather Conditions: cloudy
Air Temperature: 65 ° F
Total Depth (TWD) Below Top of Casing = 16.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.64 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.59 gal
3 Casing Volumes = 4.77 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 8.8 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)	200							
Time (Military)	9:50							
Depth to Groundwater Below Top of Casing (ft)	10.25							
Drawdown (ft)	0.32							
pH (S.U.)	6.67							
Sp. Cond. (mS/cm)	0.77							
Turbidity (NTUs)	10.12							
Dissolved Oxygen (mg/L)	0.76							
Water Temperature (°C)	16.4							
ORP (mV)	117.3							

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 time at 9:58

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/23/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-3
____ Upgradient ____ Downgradient
Weather Conditions: Partly Cloudy
Air Temperature: 71 ° F
Total Depth (TWD) Below Top of Casing = 28 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 10.87 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.79219 gal
3 Casing Volumes = 8.37657 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 8 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.05 1/100 ft
Height of Riser (above land surface): 1.15 1/100 ft
Land Surface Elevation: 685.9 1/100 ft
Screened Interval (below land surface): 7.5-27.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Time (Military)	12:00	12:05	12:10	12:15	12:20	12:25	12:30	12:35
Depth to Groundwater Below Top of Casing (ft)	11.79	12.28	13.15	13.31	13.54	13.78	13.98	14.12
Drawdown (ft)	-0.92	-0.49	-0.87	-0.16	-0.23	-0.24	-0.20	-0.14
pH (S.U.)	7.2	7.13	7.11	7.09	7.06	7.13	7.18	7.14
Sp. Cond. (mS/cm)	1.10	1.10	1.09	1.09	1.08	1.06	1.05	1.08
Turbidity (NTUs)	17.9	12.1	5.55	6.0	6.54	6.44	6.96	5.24
Dissolved Oxygen (mg/L)	0.48	0.36	0.29	0.29	0.4	0.34	0.8	0.82
Water Temperature (°C)	13.6	13.6	13.8	13.9	13.9	14	14.1	14.2
ORP (mV)	-85.5	-93.4	-95.8	-95.5	-105.0	-118.7	-110.6	-111.9

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 time at 12:45

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/23/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-3
____ Upgradient ____ Downgradient
Weather Conditions: Partly Cloudy
Air Temperature: 71 ° F
Total Depth (TWD) Below Top of Casing = 28 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 10.87 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.79219 gal
3 Casing Volumes = 8.37657 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 8 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.05 1/100 ft
Height of Riser (above land surface): 1.15 1/100 ft
Land Surface Elevation: 685.9 1/100 ft
Screened Interval (below land surface): 7.5-27.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200							
Time (Military)	12:40							
Depth to Groundwater Below Top of Casing (ft)	14.34							
Drawdown (ft)	0.22							
pH (S.U.)	7.12							
Sp. Cond. (mS/cm)	1.10							
Turbidity (NTUs)	4.54							
Dissolved Oxygen (mg/L)	0.88							
Water Temperature (°C)	14.2							
ORP (mV)	-106.4							

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 time at 12:45

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/23/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-4
____ Upgradient ____ Downgradient
Weather Conditions: Mostly Cloudy
Air Temperature: 71 ° F
Total Depth (TWD) Below Top of Casing = 26 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 12.19 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.25103 gal
3 Casing Volumes = 6.75309 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 8 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 686.5 1/100 ft
Height of Riser (above land surface): -0.39 1/100 ft
Land Surface Elevation: 686.89 1/100 ft
Screened Interval (below land surface): 15.5-25.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	175	175	175	175	175	175		
Time (Military)	16:10	16:15	16:20	16:25	16:30	16:35		
Depth to Groundwater Below Top of Casing (ft)	13.29	14.06	15.21	16.92	16.99	17.19		
Drawdown (ft)	1.10	0.77	1.15	1.71	0.07	0.20		
pH (S.U.)	7.18	7.16	7.17	7.18	7.19	7.2		
Sp. Cond. (mS/cm)	4.02	4.00	3.99	4.00	4.00	4.12		
Turbidity (NTUs)	6.84	6.38	5.91	6.6	7.68	8		
Dissolved Oxygen (mg/L)	0.17	0.14	0.14	0.14	0.14	0.2		
Water Temperature (°C)	14.6	14.7	14.8	15.1	15.1	15.2		
ORP (mV)	-135.3	-154.6	-151.3	-149.3	-139.3	-142.9		

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 time at 16:40

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/20/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-6
____ Upgradient ____ Downgradient
Weather Conditions: Partly Cloudy
Air Temperature: 65 ° F
Total Depth (TWD) Below Top of Casing = 25 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.05 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.59985 gal
3 Casing Volumes = 7.79955 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 8 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 686.46 1/100 ft
Height of Riser (above land surface): -0.36 1/100 ft
Land Surface Elevation: 686.82 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 (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	275	225	200	200	200	200		
Time (Military)	14:25	14:30	14:35	14:40	14:45	14:50		
Depth to Groundwater Below Top of Casing (ft)	10.15	10.91	10.95	11.55	11.81	12		
Drawdown (ft)	1.10	0.76	0.04	0.60	0.26	0.19		
pH (S.U.)	10.12	8.23	8.15	8.31	8.33	8.22		
Sp. Cond. (mS/cm)	1.10	1.11	1.13	1.09	1.06	1.05		
Turbidity (NTUs)	16.7	17.7	6.42	5.8	5.94	3.42		
Dissolved Oxygen (mg/L)	0.37	0.33	0.25	0.4	0.42	0.39		
Water Temperature (°C)	16.0	16.3	16	16	15.9	15.7		
ORP (mV)	-353.8	-369.1	-331.2	-336.7	-342.9	-345.1		

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 time at 14.50

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-8R
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy, slight rain
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 11.07 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.67809 gal
3 Casing Volumes = 8.03427 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 7 liter

Casing Diameter: 4 inches
Casing Material: PVC
Measuring Point Elevation: 686.29 1/100 ft
Height of Riser (above land surface): -0.29 1/100 ft
Land Surface Elevation: 686.58 1/100 ft
Screened Interval (below land surface): 14-24 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Time (Military)	8:55	9:00	9:05	9:10	9:15	9:20	9:25	9:30
Depth to Groundwater Below Top of Casing (ft)	12.59	13.41	14.41	14.75	14.92	15.23	15.42	15.62
Drawdown (ft)	1.52	0.82	1.00	0.34	0.17	0.31	0.19	0.20
pH (S.U.)	8.4	8.42	8.41	8.36	8.31	8.37	8.24	8.2
Sp. Cond. (mS/cm)	1.90	1.90	1.89	1.88	1.87	1.87	1.88	1.89
Turbidity (NTUs)	22.6	20	20.7	19.8	21.1	20	20	20.3
Dissolved Oxygen (mg/L)	0.25	0.2	0.19	0.19	0.2	0.23	0.24	0.25
Water Temperature (°C)	13.5	13.5	13.4	13.5	13.5	13.6	13.6	13.5
ORP (mV)	-298.7	-305.2	-304.4	-287.4	-283.4	-270.4	-271.3	-273.3

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 time at 9:35

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/20/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-10
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy, slight rain
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 24 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 8.51 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.52487 gal
3 Casing Volumes = 7.57461 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 28 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.7 1/100 ft
Height of Riser (above land surface): -0.08 1/100 ft
Land Surface Elevation: 687.78 1/100 ft
Screened Interval (below land surface): 3.5-23.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200	275	200	225	225	225	225	225
Time (Military)	12:00	12:05	12:10	12:15	12:20	12:25	12:30	12:35
Depth to Groundwater Below Top of Casing (ft)	9.35	9.75	9.98	10.40	10.71	11.08	11.28	11.49
Drawdown (ft)	0.84	0.40	0.23	0.42	0.31	0.37	0.20	0.21
pH (S.U.)	6.9	9.04	9.14	9.08	9.1	9.12	8.98	8.82
Sp. Cond. (mS/cm)	1.90	1.90	1.89	1.88	1.87	1.87	1.88	1.89
Turbidity (NTUs)	1.7	1.89	1.86	1.85	1.84	1.8	1.8	1.8
Dissolved Oxygen (mg/L)	0.13	0.41	0.47	0.31	0.28	0.25	0.23	0.26
Water Temperature (°C)	19.2	17.7	16.6	16.9	17.1	17	16.9	17
ORP (mV)	-282.7	-308.9	-347.8	-357.4	-360.7	-363.3	-365.1	-363.9

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

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

COMMENTS/OBSERVATIONS: Sample time at 13:55
Duplicate time at 8:15

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/20/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-10
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy, slight rain
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 24 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 8.51 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.52487 gal
3 Casing Volumes = 7.57461 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 28 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.7 1/100 ft
Height of Riser (above land surface): -0.08 1/100 ft
Land Surface Elevation: 687.78 1/100 ft
Screened Interval (below land surface): 3.5-23.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200	275	200	225	225	225	225	225
Time (Military)	12:40	12:45	12:50	12:55	13:35	13:40	13:45	13:50
Depth to Groundwater Below Top of Casing (ft)	11.69	11.78	11.98	12.21	12.29	12.31	12.32	12.35
Drawdown (ft)	0.20	0.09	0.20	0.23	0.08	0.02	0.01	0.03
pH (S.U.)	8.73	8.9	9.01	9.12	9.08	13.67	12.7	12.74
Sp. Cond. (mS/cm)	1.83	1.84	1.85	1.85	1.84	1.85	1.85	1.85
Turbidity (NTUs)	24.4	23.9	21.6	15.90	28.4	27.6	29.1	29.5
Dissolved Oxygen (mg/L)	0.22	0.22	0.23	0.19	0.18	0.17	0.17	0.17
Water Temperature (°C)	17.0	16.9	16.9	16.8	16.8	16.9	17	17
ORP (mV)	-341.5	-347.4	-352.4	-354.3	-374.5	-374	-372.2	-370.1

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

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

COMMENTS/OBSERVATIONS: Sample time at 13:55

Duplicate time at 8:15 Note: Dino Zach arrive on site around 13:00. Meeting and overview of site. Reason for delay at 12:55- 13:35.

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/20/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-11
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy, slight rain
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 12.93 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.53791 gal
3 Casing Volumes = 7.61373 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 12 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 688.61 1/100 ft
Height of Riser (above land surface): -0.26 1/100 ft
Land Surface Elevation: 688.87 1/100 ft
Screened Interval (below land surface): 8.5-28.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	175	200	200	200	200	200	200	200
Time (Military)	10:10	10:15	10:20	10:25	10:30	10:35	10:40	10:45
Depth to Groundwater Below Top of Casing (ft)	13.10	13.80	13.32	13.39	13.71	13.8	13.85	13.87
Drawdown (ft)	0.17	0.70	-0.48	0.07	0.32	0.09	0.05	0.02
pH (S.U.)	6.84	6.77	6.76	6.75	6.76	6.76	6.75	6.75
Sp. Cond. (mS/cm)	4.16	3.68	3.61	3.58	3.55	3.52	3.50	3.47
Turbidity (NTUs)	6.24	2.21	0.93	1.35	0.78	0.89	0.41	0.94
Dissolved Oxygen (mg/L)	0.58	0.62	1.05	0.53	0.42	0.38	0.32	0.29
Water Temperature (°C)	14.3	14.2	14.3	14.2	14.3	14.2	14.2	14.2
ORP (mV)	-303.3	-329.4	-338.4	-343.4	-331.2	-346.6	-349.7	-347.3

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 time at 11:15

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/20/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-11
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy, slight rain
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 12.93 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.53791 gal
3 Casing Volumes = 7.61373 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 12 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 688.61 1/100 ft
Height of Riser (above land surface): -0.26 1/100 ft
Land Surface Elevation: 688.87 1/100 ft
Screened Interval (below land surface): 8.5-28.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	175	200	200	200	200			
Time (Military)	10:50	10:55	11:00	11:05	11:10			
Depth to Groundwater Below Top of Casing (ft)	13.90	13.94	13.98	13.99	13.99			
Drawdown (ft)	0.03	0.04	0.04	0.01	0.00			
pH (S.U.)	6.76	6.78	6.76	6.79	6.8			
Sp. Cond. (mS/cm)	3.43	3.41	3.36	3.30	3.34			
Turbidity (NTUs)	0.37	0.36	0.48	0.56	0.35			
Dissolved Oxygen (mg/L)	0.27	0.26	0.25	0.23	0.24			
Water Temperature (°C)	14.2	14.2	14.2	14.3	14.5			
ORP (mV)	-337.7	-345.2	-351.4	-341.9	-342.1			

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 time at 11:15

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/23/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-12
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy, slight rain
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.24 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 3.46538 gal
3 Casing Volumes = 10.39614 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 10 liter

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 686.19 1/100 ft
Height of Riser (above land surface): -0.36 1/100 ft
Land Surface Elevation: 686.55 1/100 ft
Screened Interval (below land surface): 7-27 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	225	200	200	200	200	200	200	200
Time (Military)	10:35	10:40	10:45	10:50	10:55	11:00	11:05	11:10
Depth to Groundwater Below Top of Casing (ft)	6.56	7.71	8.31	8.65	8.97	9.26	9.45	9.71
Drawdown (ft)	0.32	1.15	0.60	0.34	0.32	0.29	0.19	0.26
pH (S.U.)	6.72	6.69	6.68	6.67	6.72	6.72	6.72	6.75
Sp. Cond. (mS/cm)	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
Turbidity (NTUs)	8.02	7.33	7.27	7.81	6.46	5.93	5.33	5.57
Dissolved Oxygen (mg/L)	0.58	1.02	0.39	0.35	0.27	0.26	0.23	0.24
Water Temperature (°C)	14.6	14.8	15	15	15	15	15.2	15.5
ORP (mV)	-132.5	-130.3	-133.7	-133.6	-132.2	-131.6	-129.3	-126.2

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 time at 11:15

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-13D
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 23.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 11.89 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.89243 gal
3 Casing Volumes = 5.67729 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 7.5 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 685.88 1/100 ft
Height of Riser (above land surface): -0.36 1/100 ft
Land Surface Elevation: 686.24 1/100 ft
Screened Interval (below land surface): 19.5-23.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	125	150	150	175	175	175	175	175
Time (Military)	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55
Depth to Groundwater Below Top of Casing (ft)	12.15	12.93	13.98	16.51	18.82	20.07	20.31	20.57
Drawdown (ft)	0.26	0.78	1.05	2.53	2.31	1.25	0.24	0.26
pH (S.U.)	6.9	6.99	6.99	6.98	6.98	7.01	7.03	7.02
Sp. Cond. (mS/cm)	2.01	1.88	1.79	1.78	1.77	1.74	1.73	1.74
Turbidity (NTUs)	17.6	6.67	11.6	5.28	9.7	14	12.2	11.2
Dissolved Oxygen (mg/L)	0.31	0.75	0.52	0.27	0.22	0.19	0.19	0.15
Water Temperature (°C)	13.2	13.1	13	12.8	12.9	12.8	12.7	12.7
ORP (mV)	-107.3	-118.5	-122.6	-124.0	-125.4	-126.1	-129.4	-131.6

Physical appearance at start: Color cloudy; Odor yes
Sheen/Free Product: yes

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

COMMENTS/OBSERVATIONS: Sample time at 12:00

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-13S
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 16 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.29 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.58273 gal
3 Casing Volumes = 4.74819 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 6 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 685.74 1/100 ft
Height of Riser (above land surface): -0.50 1/100 ft
Land Surface Elevation: 686.24 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)	125	125	150	150	150	150	150	150
Time (Military)	10:05	10:10	10:15	10:20	10:25	10:30	10:35	10:40
Depth to Groundwater Below Top of Casing (ft)	7.17	8.42	8.82	9.49	9.87	10.29	11.21	11.72
Drawdown (ft)	0.88	1.25	0.40	0.67	0.38	0.42	0.92	0.51
pH (S.U.)	7.57	7.36	7.36	7.34	7.31	7.34	7.42	7.44
Sp. Cond. (mS/cm)	1.32	1.30	1.30	1.31	1.31	1.32	1.32	1.32
Turbidity (NTUs)	100	47.2	31	33.90	39.1	62.7	103	75.1
Dissolved Oxygen (mg/L)	0.86	0.34	0.22	0.22	0.26	0.21	0.58	0.3
Water Temperature (°C)	14.1	14.1	14.2	14.2	14.1	14.1	14	14
ORP (mV)	-162.5	-176.8	-188.9	-182.5	-174.6	-182.3	-191.8	-189.1

Physical appearance at start: Color cloudy; Odor yes; Sheen/Free Product slight

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

COMMENTS/OBSERVATIONS: Sample time at 11:15

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-13S
____ Upgradient ____ Downgradient
Weather Conditions: Cloudy
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 16 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 6.29 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.58273 gal
3 Casing Volumes = 4.74819 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 6 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 685.74 1/100 ft
Height of Riser (above land surface): -0.50 1/100 ft
Land Surface Elevation: 686.24 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)	125	125						
Time (Military)	10:45	10:50						
Depth to Groundwater Below Top of Casing (ft)	12.25	12.93						
Drawdown (ft)	0.53	0.68						
pH (S.U.)	7.51	7.56						
Sp. Cond. (mS/cm)	1.30	1.30						
Turbidity (NTUs)	86.9	71.1						
Dissolved Oxygen (mg/L)	0.18	0.16						
Water Temperature (°C)	13.9	13.8						
ORP (mV)	-199.5	-202.1						

Physical appearance at start: Color cloudy; Odor yes; Sheen/Free Product slight

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

COMMENTS/OBSERVATIONS: Sample time at 11:15

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-16D
____ Upgradient ____ Downgradient
Weather Conditions: Slight Overcast
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 24 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 13.86 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.65282 gal
3 Casing Volumes = 4.95846 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 688.16 1/100 ft
Height of Riser (above land surface): 2.47 1/100 ft
Land Surface Elevation: 685.69 1/100 ft
Screened Interval (below land surface): 20-24 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	130	125	100	100	100	100	100	
Time (Military)	13:15	13:20	13:25	13:30	13:35	13:40	13:45	
Depth to Groundwater Below Top of Casing (ft)	15.56	16.66	17.74	18.59	19.18	19.63	20.13	
Drawdown (ft)	1.70	1.10	1.08	0.85	0.59	0.45	0.50	
pH (S.U.)	7.34	7.49	7.44	7.47	7.52	7.56	7.59	
Sp. Cond. (mS/cm)	1.38	1.34	1.28	1.26	1.27	1.28	1.27	
Turbidity (NTUs)	42.3	12.3	7.85	7.16	4.89	9.35	5.95	
Dissolved Oxygen (mg/L)	0.32	0.2	0.16	0.18	0.16	0.14	0.13	
Water Temperature (°C)	12.9	12.9	12.9	12.9	12.8	12.7	12.8	
ORP (mV)	-166.7	-177.4	-173.9	-171.3	-172.3	-173.8	-175.6	

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

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

COMMENTS/OBSERVATIONS: Sample time at 13:50

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 10/24/2017
Field Personnel: Sean P. Connelly
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-16S
____ Upgradient ____ Downgradient
Weather Conditions: Slight Overcast
Air Temperature: 71 ° F
Total Depth (TWD) Below Top of Casing = 15.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 8.49 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.12633 gal
3 Casing Volumes = 3.37899 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 3 liter

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 688.15 1/100 ft
Height of Riser (above land surface): 2.46 1/100 ft
Land Surface Elevation: 685.69 1/100 ft
Screened Interval (below land surface): 12-18 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	175	175	100					
Time (Military)	12:30	12:35	12:40					
Depth to Groundwater Below Top of Casing (ft)	12.35	13.21	13.62					
Drawdown (ft)	3.86	0.86	0.41					
pH (S.U.)	6.9	6.89	6.8					
Sp. Cond. (mS/cm)	2.39	2.39	2.42					
Turbidity (NTUs)	14.1	16.3	14.2					
Dissolved Oxygen (mg/L)	0.16	0.14	0.14					
Water Temperature (°C)	13.9	14	14.6					
ORP (mV)	-132.4	-139.8	-140.8					

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

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

COMMENTS/OBSERVATIONS: Sample time at 12:45

Slowed down pump rate in order to sample. Slags of air after 12:35

APPENDIX B

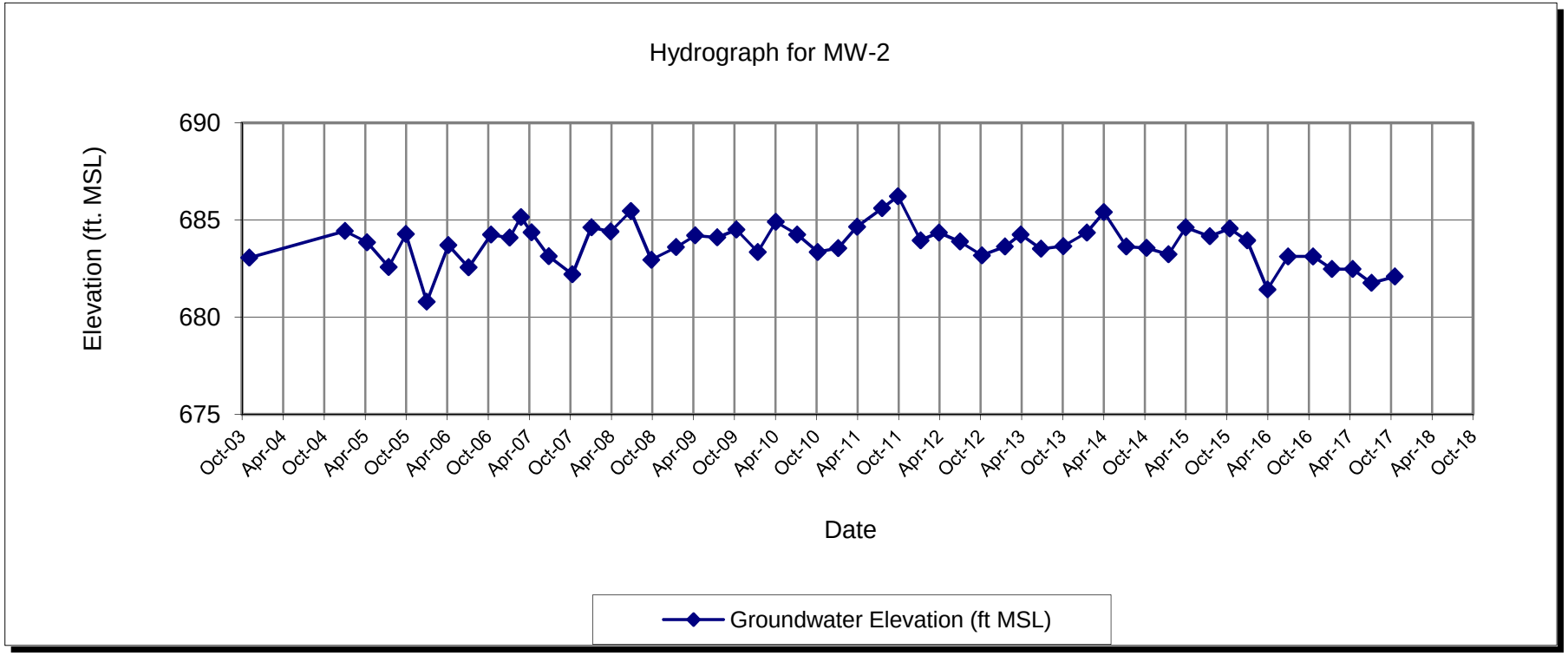
Summary of Groundwater Elevations

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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	7.29	683.06
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	5.92	684.43
4/14/2005	6.50	683.85
7/20/2005	7.77	682.58
10/4/2005	6.08	684.27
1/5/2006	9.56	680.79
4/11/2006	6.65	683.70
7/10/2006	7.79	682.56
10/18/2006	6.11	684.24
1/9/2007	6.27	684.08
2/28/2007	5.20	685.15
4/16/2007	5.99	684.36
7/2/2007	7.22	683.13
10/15/2007	8.15	682.20
1/8/2008	5.73	684.62
4/2/2008	5.95	684.40
7/1/2008	4.90	685.45
9/30/2008	7.40	682.95
1/19/2009	6.75	683.60
4/14/2009	6.15	684.20
7/21/2009	6.25	684.10
10/14/2009	5.85	684.50
1/18/2010	7.00	683.35
4/8/2010	5.45	684.90
7/12/2010	6.10	684.25
10/11/2010	7.00	683.35
1/11/2011	6.80	683.55
4/4/2011	5.70	684.65
7/25/2011	4.75	685.60
10/3/2011	4.13	686.22
1/12/2012	6.40	683.95
4/2/2012	6.00	684.35
7/5/2012	6.47	683.88
10/11/2012	7.17	683.18
1/21/2013	6.72	683.63
4/1/2013	6.10	684.25
7/1/2013	6.84	683.51
10/9/2013	6.70	683.65
1/21/2014	6.00	684.35
4/7/2014	4.95	685.40
7/16/2014	6.72	683.63
10/14/2014	6.79	683.56
1/20/2015	7.12	683.23
4/6/2015	5.74	684.61
7/22/2015	6.19	684.16
10/19/2015	5.79	684.56
1/5/2016	6.41	683.94
4/4/2016	5.68	681.42
7/5/2016	5.56	683.12
10/24/2016	5.56	683.12
1/16/2017	6.21	682.47
4/18/2017	6.06	682.47
7/11/2017	6.92	681.76
10/23/2017	6.59	682.09

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

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



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	12.76	674.96
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	11.65	676.07
4/14/2005	12.64	675.08
7/20/2005	12.73	674.99
10/4/2005	7.38	680.34
1/5/2006	11.31	676.41
4/11/2006	11.84	675.88
7/10/2006	12.31	675.41
10/18/2006	10.82	676.9
1/9/2007	10.99	676.73
2/28/2007	3.99	683.73
4/16/2007	11.87	675.85
7/2/2007	13.35	674.37
10/17/2007	13.1	674.62
1/8/2008	7.61	680.11
4/2/2008	11.71	676.01
7/1/2008	10.75	676.27
9/30/2008	11.95	675.07
1/19/2009	10.94	676.08
4/14/2009	10.94	676.08
7/21/2009	11.51	675.51
10/14/2009	10.75	676.27
1/18/2010	12.38	674.64
4/8/2010	11.02	676.00
7/12/2010	9.18	677.84
10/11/2010	10.9	676.12
1/12/2011	11.3	675.72
4/4/2011	10.7	676.32
7/25/2011	4.38	682.64
10/3/2011	3.14	683.88
1/12/2012	10.65	676.37
4/2/2012	9.81	677.21
7/5/2012	8.56	678.46
10/11/2012	9.77	677.25
1/21/2013	11.15	675.87
4/1/2013	8.56	678.46
7/1/2013	11.85	675.17
10/9/2013	10.43	676.59
1/21/2014	10.45	676.57
4/7/2014	11.77	675.25
7/16/2014	10.29	676.73
10/14/2014	9.65	677.37
1/20/2015	10.15	676.87
4/6/2015	8.94	678.08
7/22/2015	7.98	679.04
10/19/2015	5.15	681.87
1/5/2016	9.01	678.01
4/4/2016	8.00	679.05
7/5/2016	5.86	681.19
10/24/2016	5.86	681.19
1/16/2017	10.58	676.47
4/18/2017	12.29	676.47
7/11/2017	12.65	674.40
10/23/2017	11.80	675.25

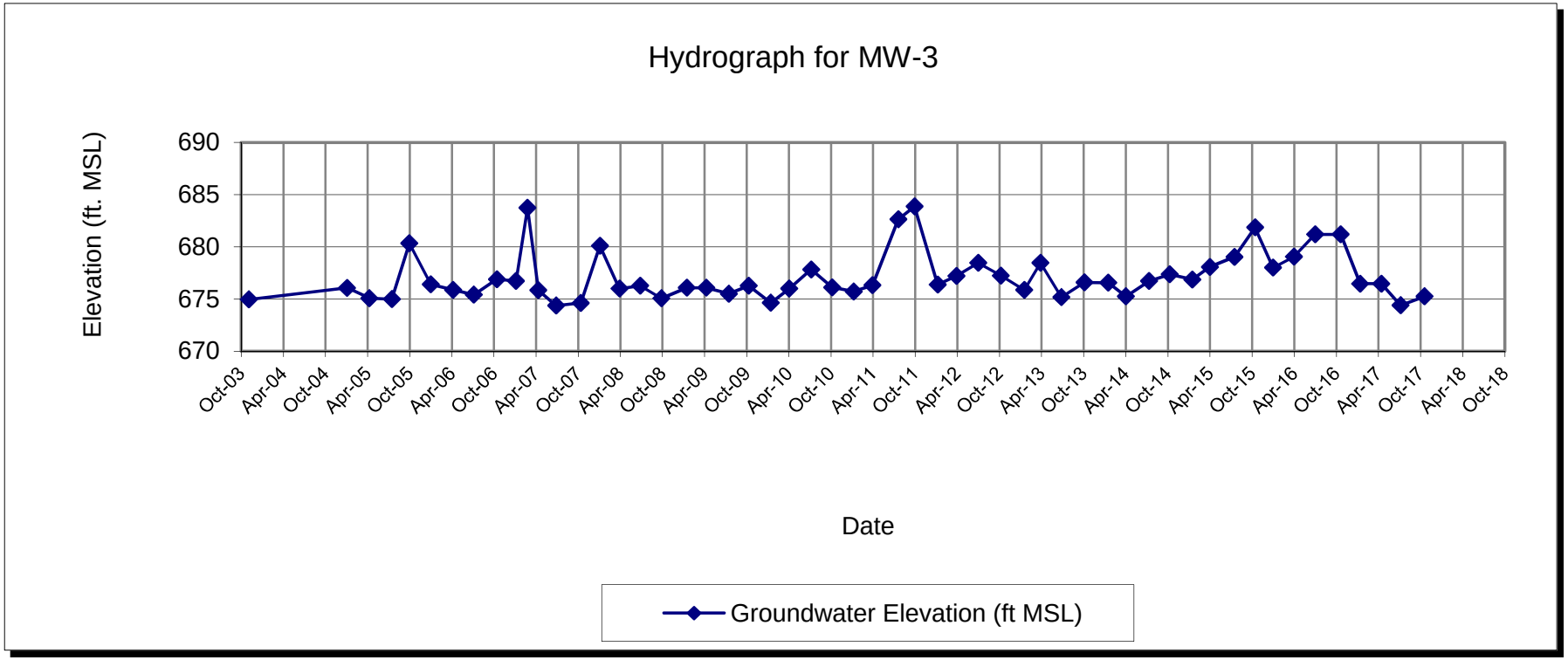
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.02

MONITORING WELL MW-3

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	8.54	678.10
4/8/2004	NM	NA
10/12/2004	11.40	675.24
1/6/2005	9.20	677.44
4/14/2005	NM	NA
7/20/2005	NM	NA
10/4/2005	15.24	671.40
1/5/2006	15.71	670.93
4/11/2006	18.56	668.08
7/10/2006	15.02	671.62
10/18/2006	15.21	671.43
1/9/2007	14.00	672.64
2/28/2007	2.54	684.10
4/16/2007	12.45	674.19
7/2/2007	14.89	671.75
10/17/2007	12.91	673.73
1/8/2008	5.59	681.05
4/2/2008	9.31	677.33
7/1/2008	13.91	672.51
9/30/2008	13.55	672.87
1/19/2009	10.78	675.64
4/14/2009	8.90	677.52
7/21/2009	12.35	674.07
10/14/2009	10.40	676.02
1/18/2010	8.90	677.52
4/8/2010	10.90	675.52
7/12/2010	14.00	672.42
10/11/2010	16.69	669.73
1/12/2011	16.35	670.07
4/4/2011	17.67	668.75
7/25/2011	2.32	684.10
10/3/2011	2.98	683.44
1/12/2012	13.26	673.16
4/2/2012	13.10	673.32
7/6/2012	9.66	676.76
10/11/2012	18.60	667.82
1/21/2013	17.04	669.38
4/1/2013	18.65	667.77
7/1/2013	19.10	667.32
10/9/2013	10.10	676.32
1/21/2014	NM*	NA
4/7/2014	18.85	667.57
7/16/2014	10.74	675.68
10/14/2014	8.52	677.90
1/20/2015	10.95	675.47
4/6/2015	9.05	677.37
7/22/2015	7.55	678.87
10/19/2015	4.59	681.83
1/5/2016	9.92	676.50
4/4/2016	8.20	678.30
7/5/2016	4.94	681.56
10/24/2016	4.94	681.56
1/16/2017	10.80	675.70
4/18/2017	11.92	675.70
7/11/2017	11.30	675.20
10/23/2017	13.06	673.44

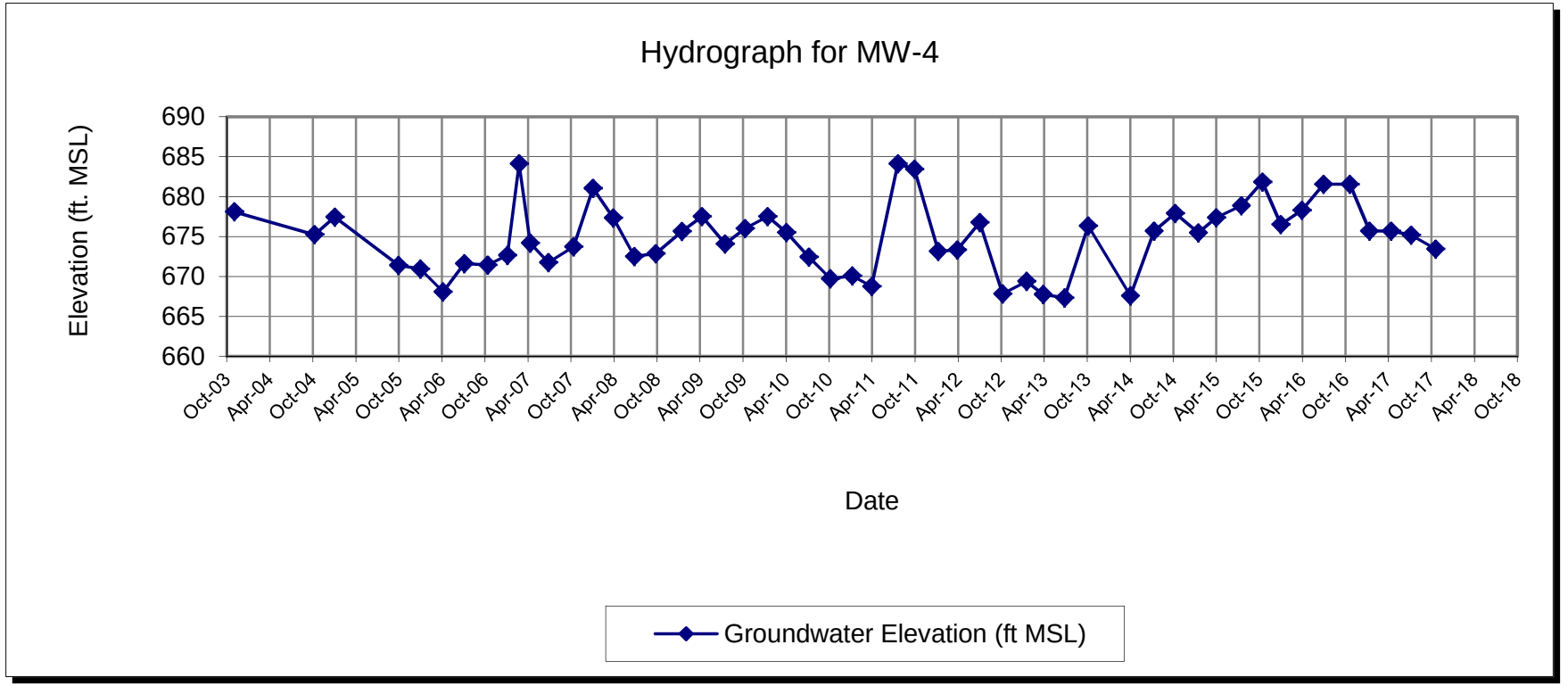
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.42
NM* - Well could not be accessed due to snow cover

MONITORING WELL MW-4

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	11.06	675.62
4/8/2004	NM	NA
10/12/2004	9.95	676.73
1/6/2005	13.00	673.68
4/14/2005	11.57	675.11
7/20/2005	12.88	673.80
10/4/2005	8.55	678.13
1/5/2006	12.11	674.57
4/11/2006	11.91	674.77
7/10/2006	12.5	674.18
10/18/2006	11.02	675.66
1/9/2007	11.1	675.58
2/28/2007	4.35	682.33
4/16/2007	11.81	674.87
7/2/2007	12.85	673.83
10/17/2007	13.09	673.59
1/8/2008	7.02	679.66
4/2/2008	11.00	675.68
7/1/2008	10.98	675.55
9/30/2008	11.39	675.14
1/19/2009	9.68	676.85
4/14/2009	10.02	676.51
7/21/2009	11.50	675.03
10/14/2009	10.35	676.18
1/18/2010	11.20	675.33
4/8/2010	10.05	676.48
7/12/2010	9.25	677.28
10/11/2010	9.91	676.62
1/12/2011	10.56	675.97
4/4/2011	10.27	676.26
7/25/2011	4.17	682.36
10/3/2011	3.45	683.08
1/12/2012	9.86	676.67
4/2/2012	9.39	677.14
7/5/2012	7.64	678.89
10/11/2012	10.80	675.73
1/21/2013	10.12	676.41
4/1/2013	8.41	678.12
7/1/2013	11.18	675.35
10/9/2013	9.32	677.21
1/21/2014	9.95	676.58
4/7/2014	10.75	675.78
7/16/2014	9.61	676.92
10/14/2014	8.60	677.93
1/20/2015	9.20	677.33
4/6/2015	8.08	678.45
7/22/2015	7.28	679.25
10/19/2015	4.82	681.71
1/5/2016	8.41	678.12
4/4/2016	6.98	679.48
7/5/2016	5.73	680.73
10/24/2016	5.73	680.73
1/16/2017	8.96	677.50
4/18/2017	8.34	678.12
7/11/2017	9.29	677.17
10/23/2017	9.35	677.11

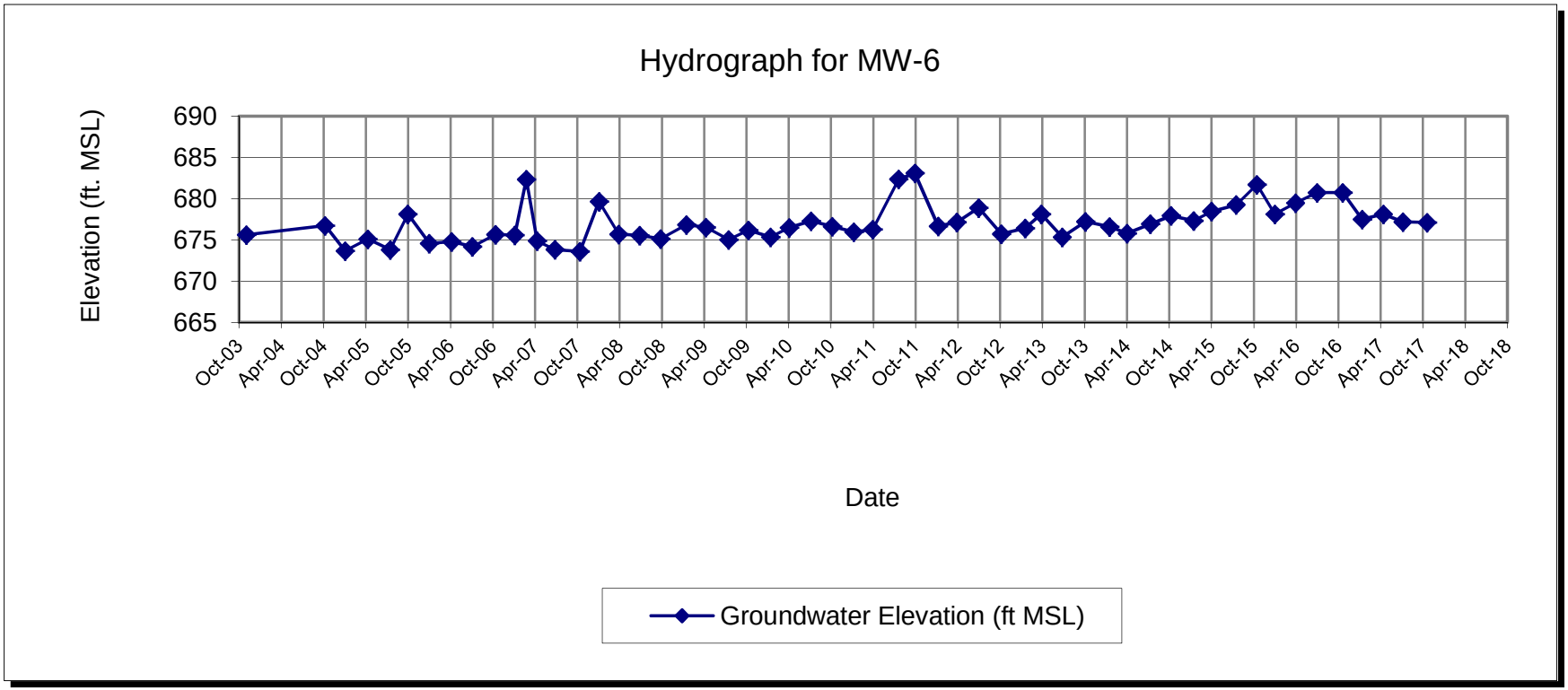
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.68
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.53

MONITORING WELL MW-6

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	12.75	672.92
1/6/2005	7.45	678.22
4/14/2005	14.45	671.22
7/20/2005	NM	NA
10/4/2005	NM	NA
1/6/2006	15.51	670.16
4/11/2006	15.65	670.02
7/10/2006	14.9	670.77
10/18/2006	15.72	669.95
1/9/2007	15.76	669.91
2/28/2007	10.78	674.89
4/16/2007	15.60	670.07
7/2/2007	16.29	669.38
10/15/2007	18.50	667.17
1/8/2008	4.99	680.68
4/2/2008	13.19	672.48
7/1/2008	12.15	674.06
9/30/2008	15.83	670.38
1/19/2009	11.55	674.66
4/14/2009	11.20	675.01
7/21/2009	13.57	672.64
10/14/2009	12.76	673.45
1/18/2010	11.26	674.95
4/8/2010	14.95	671.26
7/12/2010	13.74	672.47
10/11/2010	12.34	673.87
1/12/2011	13.10	673.11
4/4/2011	14.88	671.33
7/25/2011	3.25	682.96
10/3/2011	4.50	681.71
1/12/2012	12.96	673.25
4/2/2012	11.70	674.51
7/5/2012	10.34	675.87
10/11/2012	13.38	672.83
1/21/2013	14.90	671.31
4/1/2013	10.82	675.39
7/1/2013	12.70	673.51
10/9/2013	9.25	676.96
1/21/2014	NM*	NA
4/7/2014	14.55	671.66
7/16/2014	8.97	677.24
10/14/2014	5.85	680.36
1/20/2015	9.80	676.41
4/6/2015	7.55	678.66
7/22/2015	8.22	677.99
10/19/2015	4.90	681.31
1/5/2016	8.95	677.26
4/4/2016	8.10	678.19
7/5/2016	4.99	681.30
10/24/2016	4.99	681.30
1/16/2017	10.35	675.94
4/18/2017	13.68	675.94
7/11/2017	11.60	674.69
10/23/2017	12.06	674.23

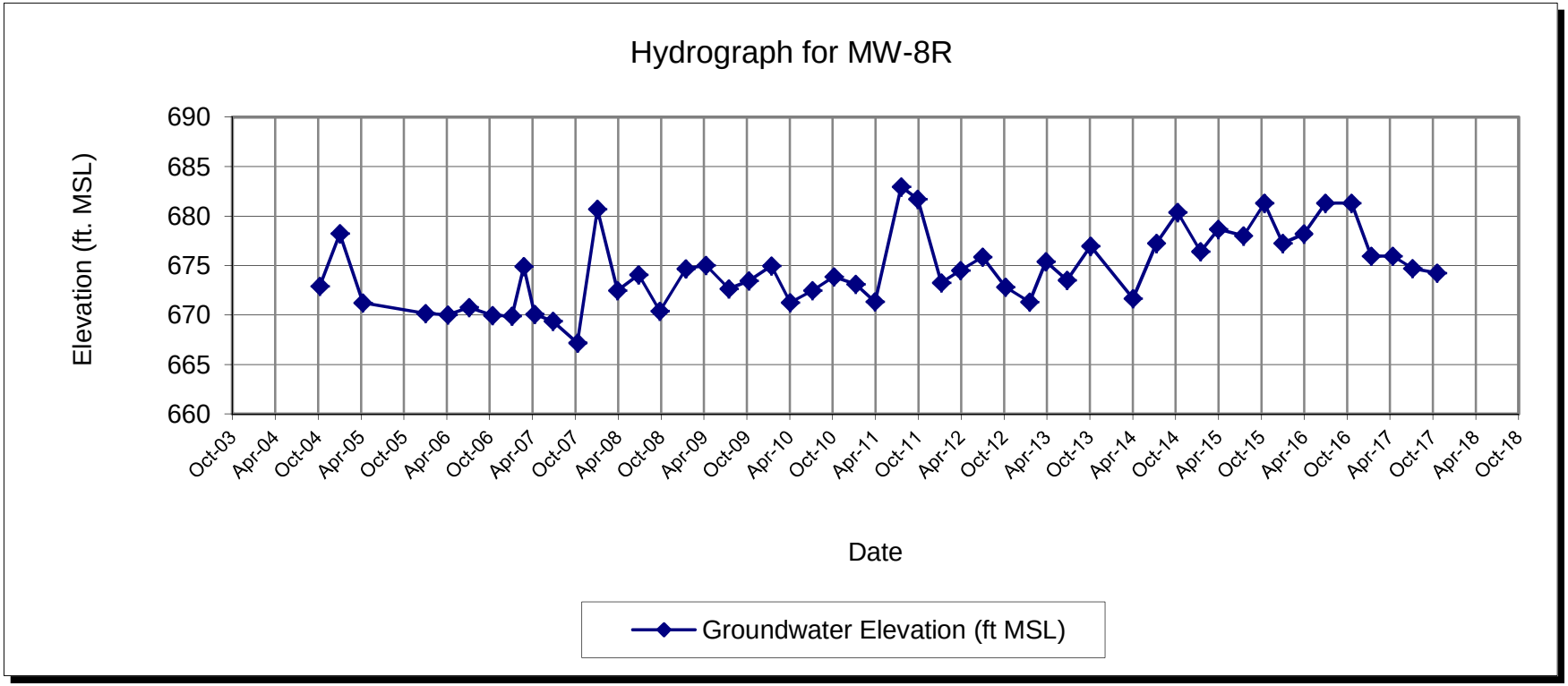
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.67
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.21
NM* - Well could not be accessed due to snow cover

MONITORING WELL MW-8R

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	13.03	672.4
4/8/2004	NM	NA
10/12/2004	13.68	671.75
1/6/2005	12.89	672.54
4/14/2005	12.74	672.69
7/20/2005	13.88	671.55
10/4/2005	7.22	678.21
1/5/2006	12.79	672.64
4/11/2006	13.50	671.93
7/10/2006	13.24	672.19
10/18/2006	11.00	674.43
1/9/2007	12.24	673.19
2/28/2007	1.66	683.77
4/16/2007	13.15	672.28
7/2/2007	13.00	672.43
10/17/2007	13.95	671.48
1/8/2008	6.70	678.73
4/2/2008	10.61	674.82
7/1/2008	14.25	674.39
9/30/2008	15.67	672.97
1/19/2009	14.48	674.16
4/14/2009	15.48	673.16
7/21/2009	15.20	673.44
10/10/2009	15.06	673.58
1/18/2010	17.00	671.64
4/8/2010	15.40	673.24
7/12/2010	12.42	676.22
10/11/2010	14.21	674.43
1/12/2011	15.29	673.35
4/4/2011	14.55	674.09
7/25/2011	5.75	682.89
10/3/2011	4.58	684.06
1/12/2012	14.75	673.89
4/2/2012	14.52	674.12
7/5/2012	11.48	677.16
10/11/2012	12.66	675.98
1/21/2013	14.44	674.20
4/1/2013	11.87	676.77
7/1/2013	16.54	672.10
10/9/2013	13.68	674.96
1/21/2014	15.38	673.26
4/7/2014	16.30	672.34
7/16/2014	13.71	674.93
10/14/2014	13.09	675.55
1/20/2015	13.92	674.72
4/6/2015	12.41	676.23
7/22/2015	10.72	677.92
10/19/2015	7.06	681.58
1/5/2016	12.09	676.55
4/4/2016	11.38	678.19
7/5/2016	7.41	682.16
10/24/2016	7.41	682.16
1/16/2017	13.72	675.85
4/18/2017	14.24	675.85
7/11/2017	15.00	674.57
10/23/2017	14.84	674.73

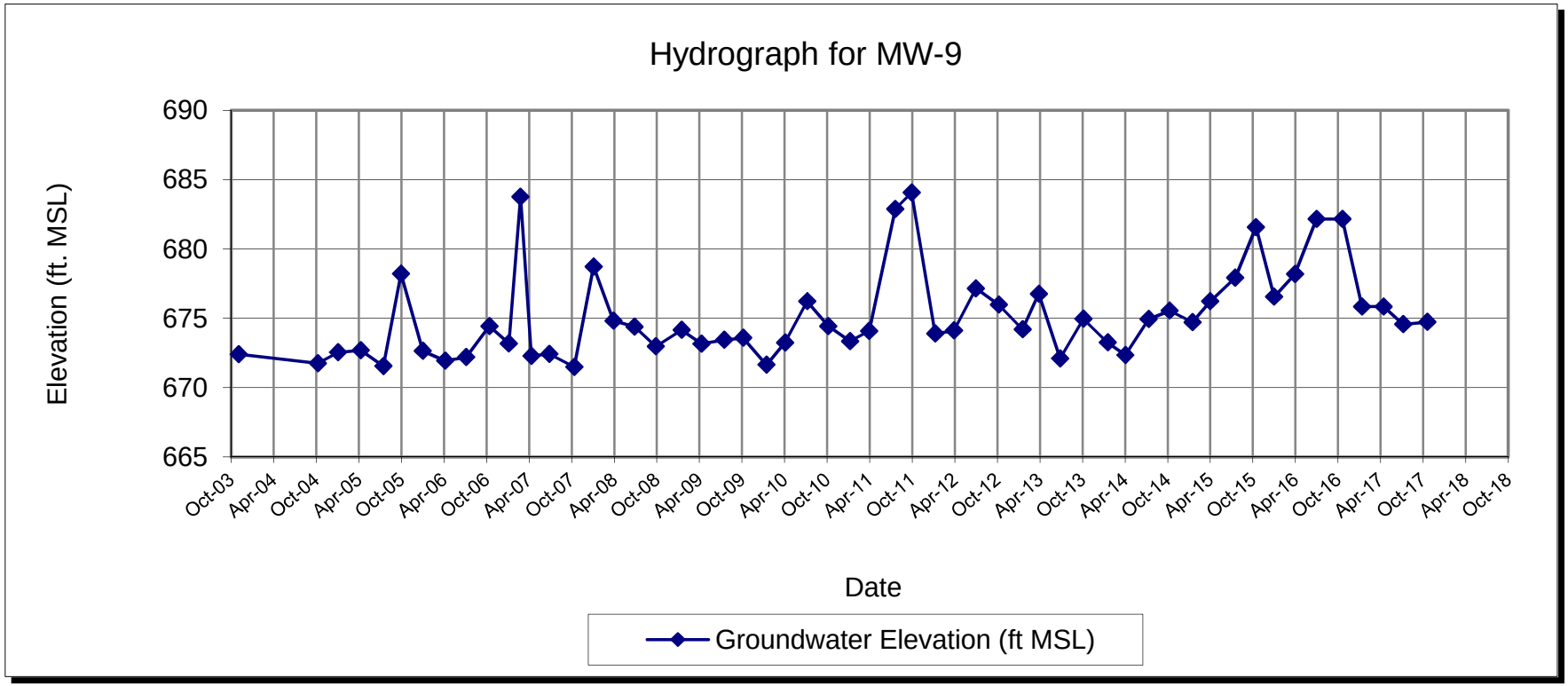
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 688.64

MONITORING WELL MW-9

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	10.75	676.97
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	10.28	677.44
4/14/2005	11.50	676.22
7/20/2005	12.43	675.29
10/4/2005	9.58	678.14
1/5/2006	11.28	676.44
4/11/2006	10.91	676.81
7/10/2006	10.90	676.82
10/18/2006	10.13	677.59
1/9/2007	10.21	677.51
2/28/2007	4.30	683.42
4/16/2007	10.93	676.79
7/2/2007	12.21	675.51
10/17/2007	13.15	674.57
1/8/2008	7.03	680.69
4/2/2008	9.91	677.81
7/1/2008	10.04	677.37
9/30/2008	11.05	676.36
1/19/2009	9.74	677.67
4/14/2009	9.14	678.27
7/21/2009	10.56	676.85
10/14/2009	9.37	678.04
1/18/2010	10.59	676.82
4/8/2010	9.35	678.06
7/12/2010	9.12	678.29
10/11/2010	10.20	677.21
1/12/2011	10.00	677.41
4/4/2011	9.61	677.80
7/25/2011	4.45	682.96
10/3/2011	4.25	683.16
1/12/2012	9.82	677.59
4/2/2012	8.51	678.90
7/5/2012	7.55	679.86
10/11/2012	10.65	676.76
1/21/2013	9.59	677.82
4/1/2013	8.30	679.11
7/1/2013	9.77	677.64
10/9/2013	8.65	678.76
1/21/2014	8.73	678.68
4/7/2014	9.25	678.16
7/16/2014	8.65	678.76
10/14/2014	8.02	679.39
1/20/2015	8.50	678.91
4/6/2015	7.40	680.01
7/22/2015	6.84	680.57
10/19/2015	5.40	682.01
1/5/2016	7.89	679.52
4/4/2016	6.67	681.03
7/5/2016	5.77	681.93
10/24/2016	5.77	681.93
1/16/2017	8.13	679.57
4/18/2017	7.54	679.57
7/11/2017	8.69	679.01
10/23/2017	8.61	679.09

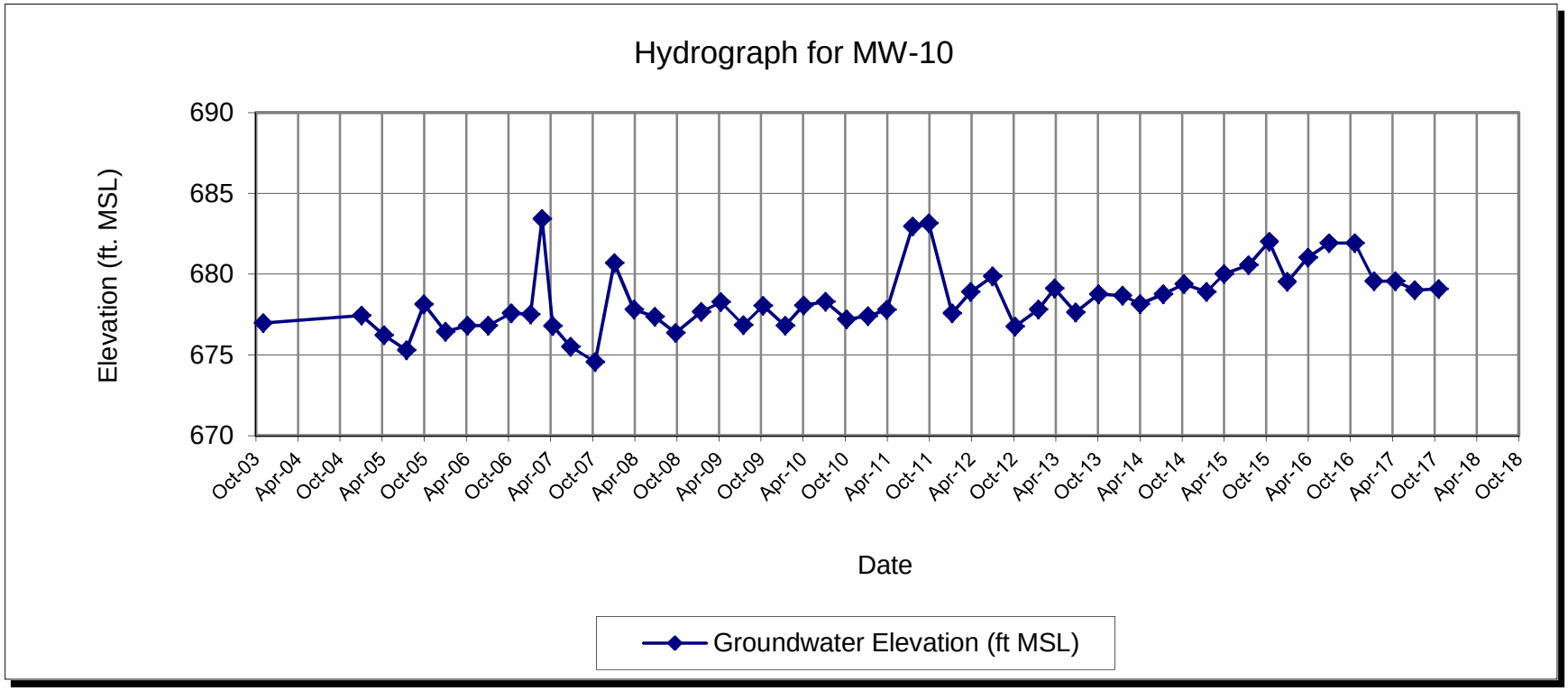
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.72
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.41

MONITORING WELL MW-10

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	15.59	673.02
4/14/2005	11.59	677.02
7/20/2005	17.34	671.27
10/4/2005	10.45	678.16
1/5/2006	16.58	672.03
4/11/2006	13.52	675.09
7/10/2006	13.75	674.86
10/18/2006	14.35	674.26
1/9/2007	15.26	673.35
2/28/2007	6.34	682.27
4/16/2007	11.55	677.06
7/2/2007	17.30	671.31
10/16/2007	17.69	670.92
1/8/2008	11.73	676.88
4/2/2008	14.78	673.83
7/1/2008	13.91	674.74
9/30/2008	15.25	673.40
1/19/2009	13.45	675.20
4/14/2009	13.50	675.15
7/21/2009	14.51	674.14
10/14/2009	13.85	674.80
1/18/2010	16.38	672.27
4/8/2010	13.90	674.75
7/12/2010	12.60	676.05
10/11/2010	14.80	673.85
1/12/2011	NA	
4/4/2011	14.52	674.13
7/25/2011	4.48	684.17
10/3/2011	4.05	684.60
1/12/2012	8.96	679.69
4/2/2012	12.87	675.78
7/5/2012	10.53	678.12
10/11/2012	14.40	674.25
1/21/2013	14.75	673.90
4/1/2013	11.66	676.99
7/1/2013	14.99	673.66
10/9/2013	12.25	676.40
1/21/2014	13.75	674.90
4/7/2014	14.56	674.09
7/16/2014	12.64	676.01
10/14/2014	12.26	676.39
1/20/2015	12.31	676.34
4/6/2015	11.95	676.70
7/22/2015	8.49	680.16
10/19/2015	8.75	679.90
1/5/2016	12.53	676.12
4/4/2016	10.84	677.77
7/5/2016	9.37	679.24
10/24/2016	9.37	679.24
1/16/2017	9.60	679.01
4/18/2017	11.98	679.01
7/11/2017	13.75	674.86
10/23/2017	12.83	675.78

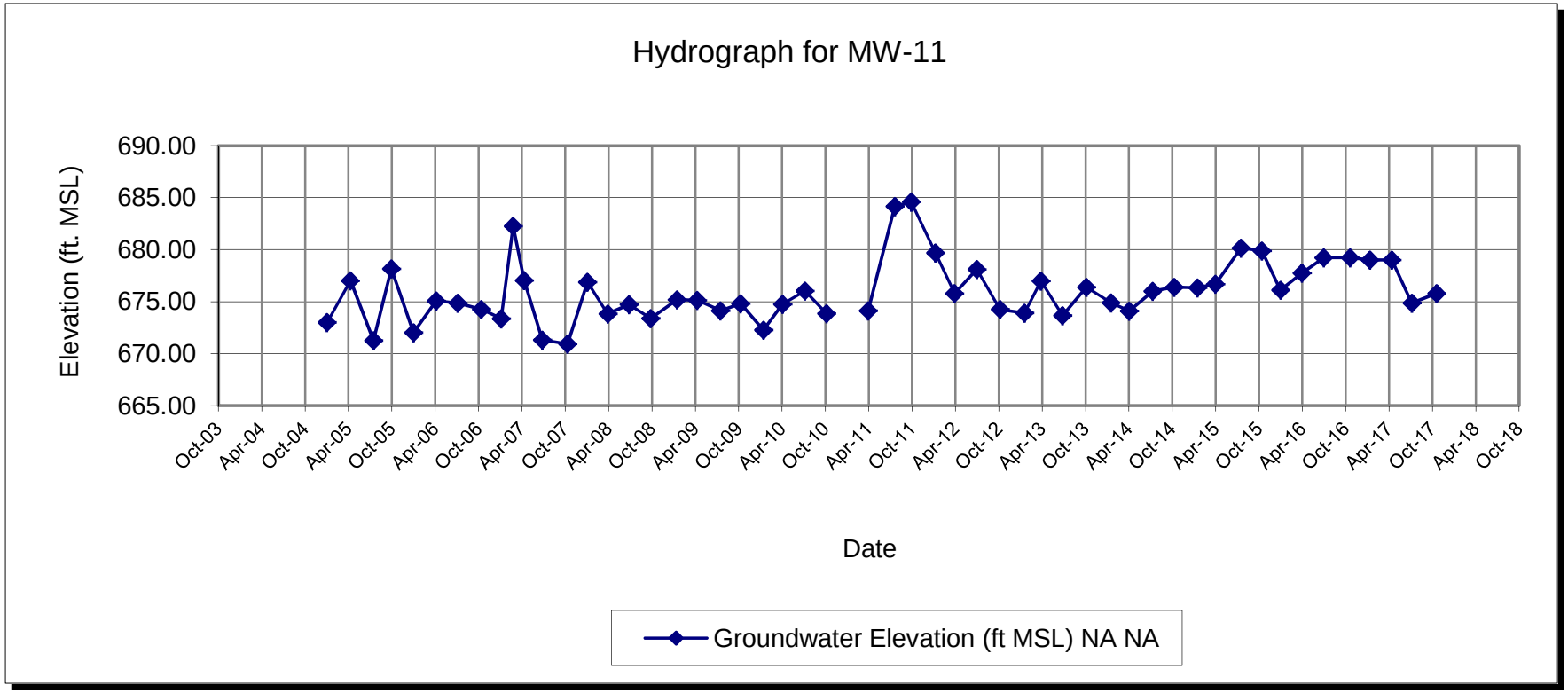
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 688.61
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 688.65

MONITORING WELL MW-11

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	
10/12/2004	10.64	675.15
1/6/2005	6.18	679.61
4/14/2005	6.80	678.99
7/20/2005	11.95	673.84
10/4/2005	7.36	678.43
1/5/2006	6.80	678.99
4/11/2006	6.76	679.03
7/10/2006	11.35	674.44
10/18/2006	NM*	NA
1/9/2007	6.35	679.44
2/28/2007	NM*	NA
4/16/2007	7.38	678.41
7/2/2007	11.42	674.37
10/15/2007	12.00	673.79
1/8/2008	4.31	681.48
4/2/2008	5.86	679.93
7/1/2008	7.10	679.04
9/30/2008	10.92	675.22
1/19/2009	NM*	NA
4/14/2009	7.14	679
7/21/2009	9.66	676.48
10/14/2009	8.83	677.31
1/18/2010	7.40	678.74
4/8/2010	7.10	679.04
7/12/2010	8.48	677.66
10/11/2010	8.64	677.51
1/12/2011	6.32	679.83
4/4/2011	5.69	680.46
7/25/2011	3.5	682.65
10/3/2011	2.67	683.48
1/12/2012	5.41	680.74
4/2/2012	5.30	680.85
7/5/2012	7.20	678.95
10/11/2012	6.75	679.40
1/21/2013	5.51	680.64
4/1/2013	5.07	681.08
7/1/2013	7.88	678.27
10/9/2013	5.20	680.95
1/21/2014	NM*	NA
4/7/2014	5.76	680.39
7/16/2014	6.60	679.55
10/14/2014	5.15	681.00
1/20/2015	NM*	NA
4/6/2015	4.10	682.05
7/22/2015	4.82	681.33
10/19/2015	3.80	682.35
1/5/2016	3.94	682.21
4/4/2016	3.67	682.52
7/5/2016	4.29	681.90
10/24/2016	4.29	681.90
1/16/2017	4.40	681.79
4/18/2017	4.59	681.79
7/11/2017	6.98	679.21
10/23/2017	6.21	679.98

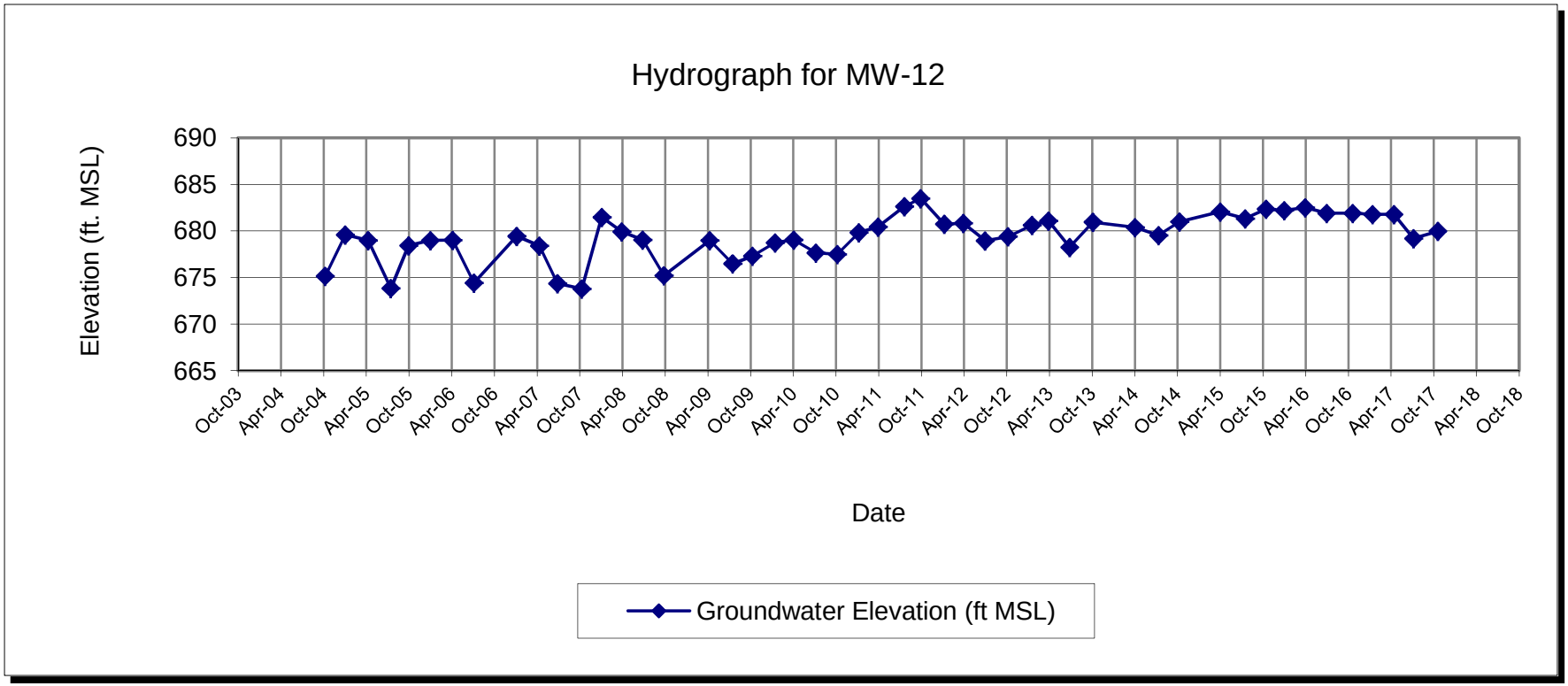
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.79
NM* - Well could not be accessed due to snow cover
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.15

MONITORING WELL MW-12

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	7.01	679.56
10/12/2004	13.47	673.10
1/6/2005	7.24	679.33
4/14/2005	13.91	672.66
7/20/2005	12.81	673.76
10/4/2005	13.35	673.22
1/5/2006	13.79	672.78
4/11/2006	12.45	674.12
7/10/2006	13.02	673.55
10/18/2006	10.99	675.58
1/9/2007	11.35	675.22
2/28/2007	3.49	683.08
4/16/2007	12.01	674.56
7/2/2007	13.20	673.37
10/18/2007	12.77	673.80
1/8/2008	5.08	681.49
4/2/2008	5.45	681.12
7/1/2008	9.70	676.90
9/30/2008	11.80	674.80
1/19/2009	8.70	677.90
4/14/2009	8.64	677.96
7/21/2009	10.91	675.69
10/14/2009	9.18	677.42
1/18/2010	9.80	676.80
4/8/2010	8.30	678.30
7/12/2010	9.96	676.64
10/11/2010	10.29	676.31
1/12/2011	7.53	679.07
4/4/2011	8.00	678.60
7/25/2011	2.55	684.05
10/3/2011	1.81	684.79
1/12/2012	8.11	678.49
4/2/2012	8.06	678.54
7/5/2012	8.71	677.89
10/11/2012	9.57	677.03
1/21/2013	13.85	672.75
4/1/2013	6.44	680.16
7/1/2013	6.44	680.16
10/9/2013	4.10	682.50
1/21/2014	4.95	681.65
4/7/2014	6.02	680.58
7/16/2014	5.42	681.18
10/14/2014	4.41	682.19
1/20/2015	6.10	680.50
4/6/2015	4.69	681.91
7/22/2015	7.97	678.63
10/19/2015	3.95	682.65
1/5/2016	5.90	680.70
4/4/2016	5.05	681.60
7/5/2016	3.90	682.75
10/24/2016	3.90	682.75
1/16/2017	7.20	679.45
4/18/2017	6.11	679.45
7/11/2017	8.60	678.05
10/23/2017	6.42	680.23

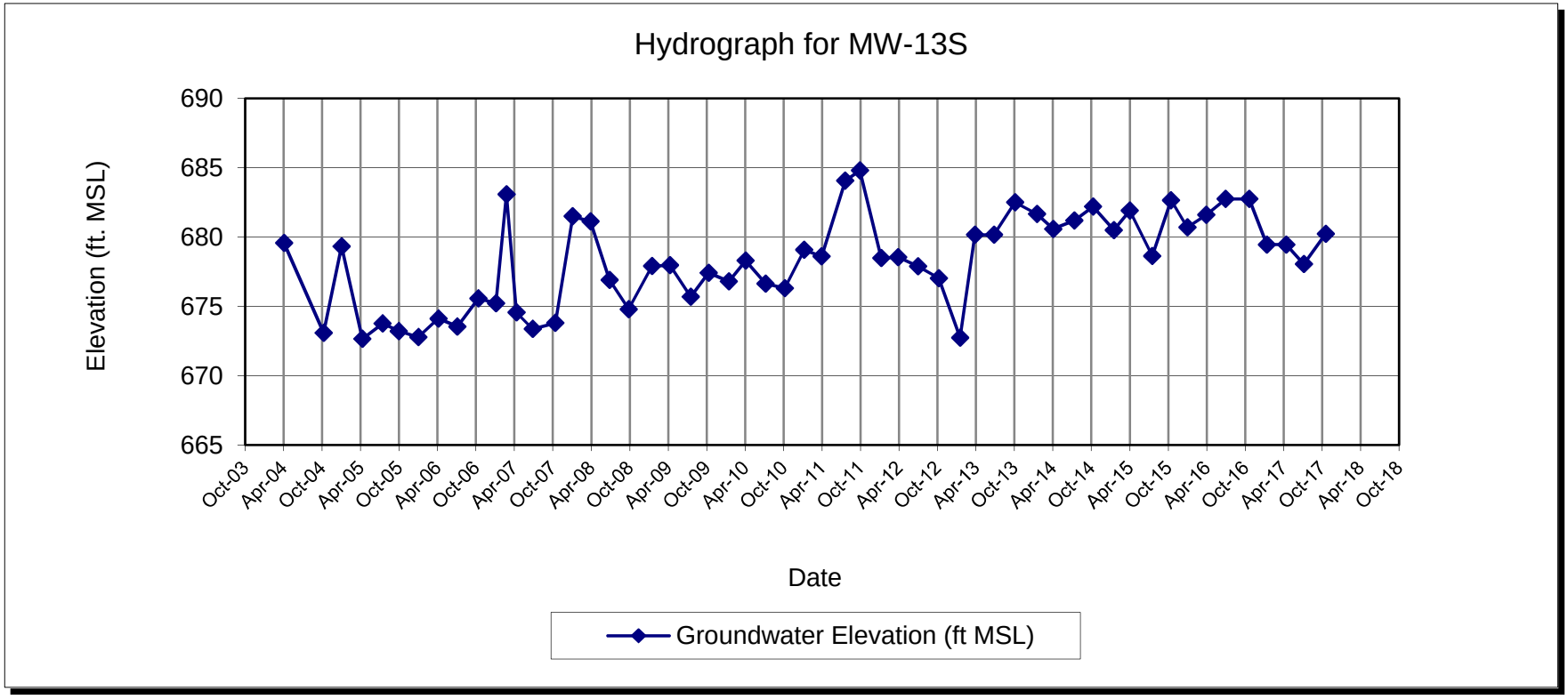
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.57
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.60

MONITORING WELL MW-13S

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.28	673.43
10/12/2004	14.87	671.84
1/6/2005	14.55	672.16
4/14/2005	15.32	671.39
7/20/2005	15.65	671.06
10/4/2005	9.44	677.27
1/5/2006	15.83	670.88
4/11/2006	15.41	671.30
7/10/2006	13.79	672.92
10/18/2006	13.17	673.54
1/9/2007	14.41	672.30
2/28/2007	3.28	683.43
4/16/2007	14.66	672.05
7/2/2007	15.68	671.03
10/18/2007	15.80	670.91
1/8/2008	8.69	678.02
4/2/2008	12.86	673.85
7/1/2008	12.55	674.18
9/30/2008	13.89	672.84
1/19/2009	12.10	674.63
4/14/2009	11.78	674.95
7/21/2009	12.86	673.87
10/14/2009	11.59	675.14
1/18/2010	13.88	672.85
4/8/2010	12.00	674.73
7/12/2010	11.90	674.83
10/11/2010	13.34	673.39
1/12/2011	13.2	673.53
4/4/2011	13.13	673.60
7/25/2011	3.33	683.40
10/3/2011	2.55	684.18
1/12/2012	12.34	674.39
4/2/2012	11.76	674.97
7/5/2012	9.25	677.48
10/11/2012	13.00	673.73
1/21/2013	13.85	672.88
4/1/2013	11.01	675.72
7/1/2013	14.26	672.47
10/9/2013	10.36	676.37
1/21/2014	11.45	675.28
4/7/2014	13.65	673.08
7/16/2014	10.74	675.99
10/14/2014	9.41	677.32
1/20/2015	11.02	675.71
4/6/2015	9.35	677.38
7/22/2015	7.44	679.29
10/19/2015	4.55	682.18
1/5/2016	10.31	676.42
4/4/2016	8.65	678.13
7/5/2016	5.06	681.72
10/24/2016	5.06	681.72
1/16/2017	12.50	674.28
4/18/2017	10.10	674.28
7/11/2017	11.15	675.63
10/23/2017	10.87	675.91

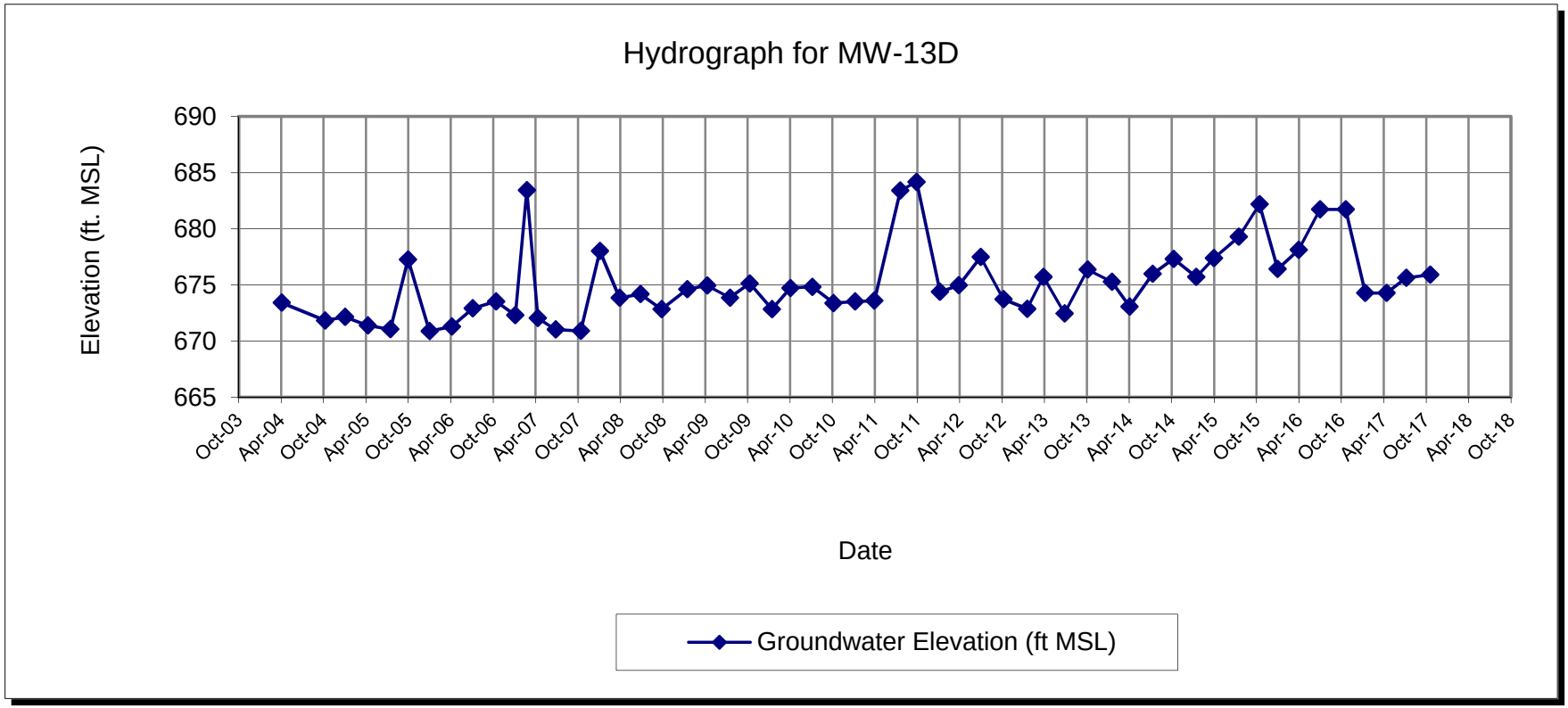
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.71
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 686.73

MONITORING WELL MW-13D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York

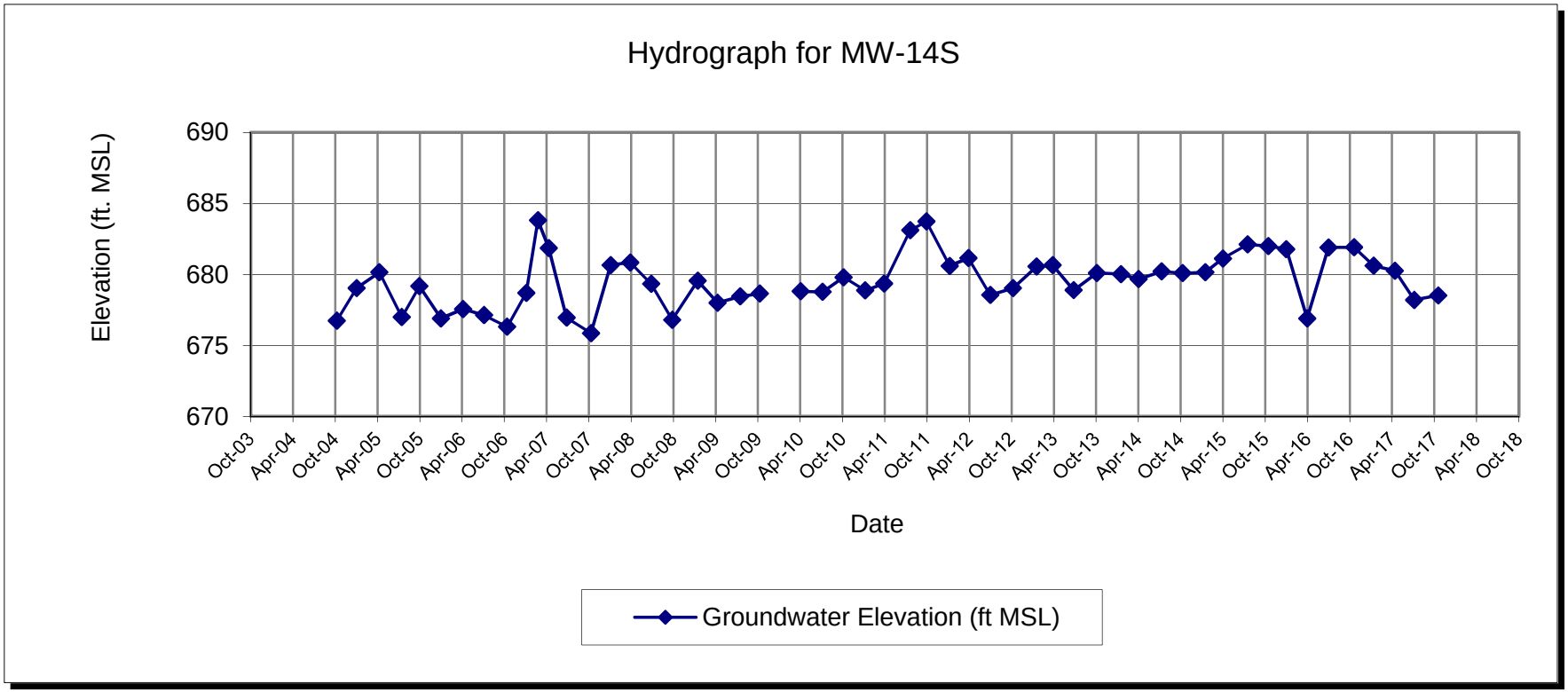


MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.14	680.17
10/12/2004	8.57	676.74
1/6/2005	6.27	679.04
4/14/2005	5.16	680.15
7/20/2005	8.32	676.99
10/4/2005	6.14	679.17
1/5/2006	8.41	676.90
4/11/2006	7.75	677.56
7/10/2006	8.18	677.13
10/18/2006	9.00	676.31
1/9/2007	6.61	678.70
2/28/2007	1.50	683.81
4/16/2007	3.45	681.86
7/2/2007	8.36	676.95
10/15/2007	9.45	675.86
1/8/2008	4.65	680.66
4/2/2008	4.47	680.84
7/1/2008	6.37	679.33
9/30/2008	8.90	676.80
1/19/2009	6.15	679.55
4/14/2009	7.70	678.00
7/21/2009	7.25	678.45
10/14/2009	7.05	678.65
1/18/2010	NM	
4/8/2010	6.50	678.81
7/12/2010	6.54	678.77
10/11/2010	5.90	679.80
1/12/2011	6.83	678.87
4/4/2011	6.34	679.36
7/25/2011	2.59	683.11
10/3/2011	1.98	683.72
1/12/2012	5.10	680.60
4/2/2012	4.55	681.15
7/5/2012	7.15	678.55
10/11/2012	6.67	679.03
1/21/2013	5.15	680.55
4/1/2013	5.05	680.65
7/1/2013	6.81	678.89
10/9/2013	5.60	680.10
1/21/2014	5.68	680.02
4/7/2014	6.03	679.67
7/16/2014	5.49	680.21
10/14/2014	5.61	680.09
1/20/2015	5.55	680.15
4/6/2015	4.58	681.12
7/22/2015	3.59	682.11
10/19/2015	3.70	682.00
1/5/2016	3.92	681.78
4/4/2016	8.80	676.90
7/5/2016	3.80	681.90
10/24/2016	3.80	681.90
1/16/2017	5.10	680.60
4/18/2017	5.44	680.26
7/11/2017	7.50	678.20
10/23/2017	7.18	678.52

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

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



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.21	672.22
10/12/2004	14.55	670.88
1/6/2005	15.97	669.46
4/14/2005	13.25	672.18
7/20/2005	18.20	667.23
10/4/2005	13.26	672.17
1/5/2006	19.08	666.35
4/11/2006	19.79	665.64
7/10/2006	17.16	668.27
10/18/2006	19.44	665.99
1/9/2007	14.71	670.72
2/28/2007	2.67	682.76
4/16/2007	19.74	665.69
7/2/2007	19.68	665.75
10/15/2007	19.76	665.67
1/8/2008	7.92	677.51
4/2/2008	14.41	671.02
7/1/2008	14.45	671.37
9/30/2008	15.39	670.43
1/19/2009	13.55	672.27
4/14/2009	20.10	665.72
7/21/2009	15.15	670.67
10/14/2009	20.27	665.55
1/18/2010	20.40	665.42
4/8/2010	15.40	670.42
7/12/2010	17.15	668.67
10/11/2010	14.40	671.42
1/12/2011	17.92	667.90
4/4/2011	16.23	669.59
7/25/2011	3.10	682.72
10/3/2011	2.72	683.10
1/12/2012	15.30	670.52
4/2/2012	16.50	669.32
7/5/2012	12.81	673.01
10/11/2012	14.55	671.27
1/21/2013	13.45	672.37
4/1/2013	10.78	675.04
7/1/2013	19.85	665.97
10/9/2013	10.02	675.80
1/21/2014	18.20	667.62
4/7/2014	17.95	667.87
7/16/2014	12.99	672.83
10/14/2014	10.70	675.12
1/20/2015	13.49	672.33
4/6/2015	11.30	674.52
7/22/2015	8.62	677.20
10/19/2015	4.10	681.72
1/5/2016	11.70	674.12
4/4/2016	17.98	667.90
7/5/2016	4.67	681.21
10/24/2016	4.67	681.21
1/16/2017	15.89	669.99
4/18/2017	12.45	669.99
7/11/2017	14.74	671.14
10/23/2017	17.02	668.86

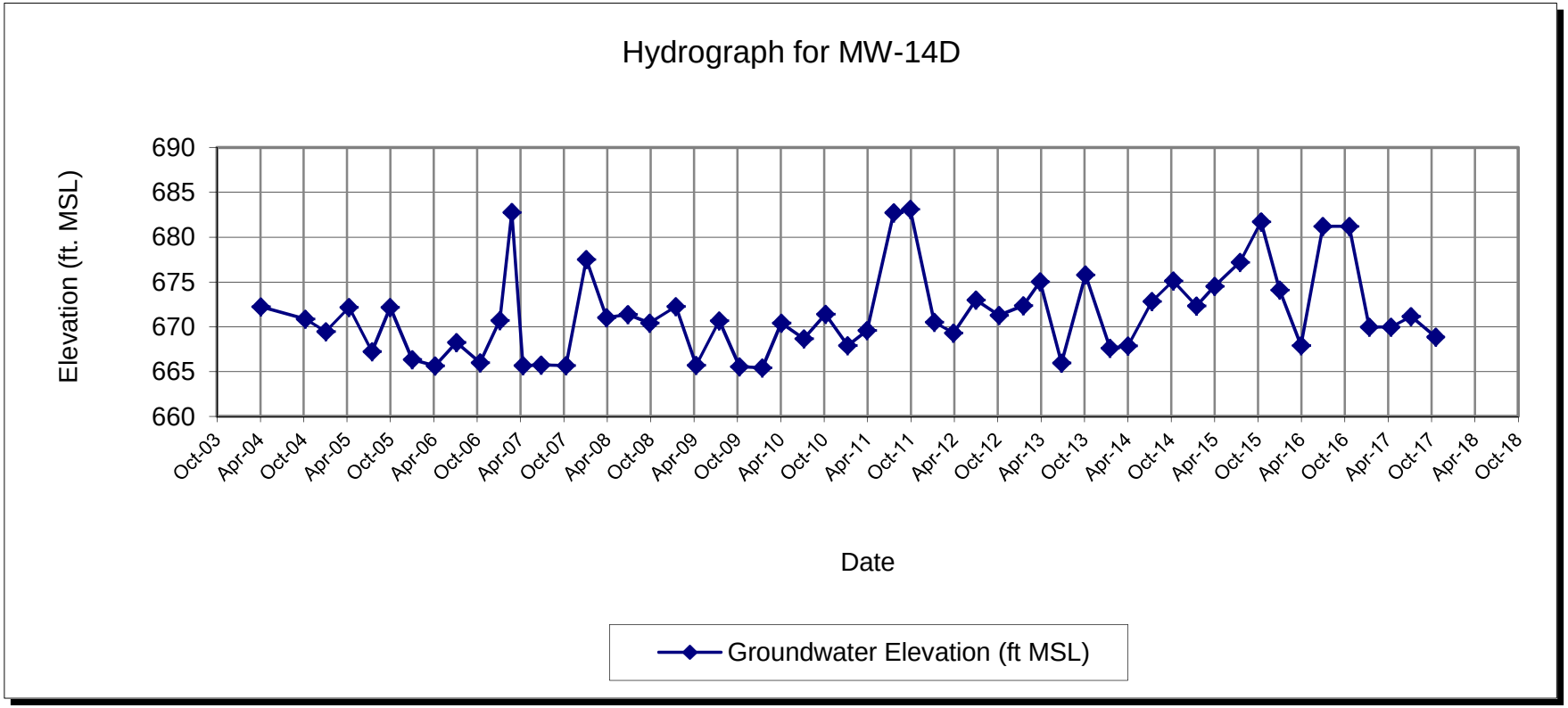
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.43
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 685.82'

MONITORING WELL MW-14D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	1.20	685.44
10/12/2004	5.26	681.38
1/6/2005	0.35	686.29
4/14/2005	2.31	684.33
7/20/2005	4.78	681.86
10/4/2005	2.22	684.42
1/5/2006	0.70	685.94
4/11/2006	2.00	684.64
7/10/2006	4.75	681.89
1/9/2007	0.05	686.59
2/28/2007	0.00	686.64
4/16/2007	0.50	686.14
7/2/2007	4.67	681.97
10/16/2007	4.80	681.84
1/8/2008	0.70	685.94
4/2/2008	0.00	686.64
7/1/2008	0.50	687.02
9/30/2008	3.14	684.38
1/19/2009	1.50	686.02
4/14/2009	1.60	685.92
7/21/2009	1.11	686.41
10/14/2009	1.11	686.41
1/18/2010	0.80	686.72
4/8/2010	2.00	685.52
7/12/2010	2.80	684.72
10/11/2010	3.14	684.38
1/12/2011	1.40	686.12
4/4/2011	0.50	687.02
7/25/2011	2.51	685.01
10/3/2011	0.20	687.32
1/12/2012	0.50	687.02
4/2/2012	1.40	686.12
7/5/2012	3.90	683.62
10/1/2012	3.18	684.34
1/21/2013	0.00	687.52
4/1/2013	0.50	687.02
7/1/2013	1.73	685.79
10/9/2013	2.10	685.42
1/21/2014	1.75	685.77
4/7/2014	0.90	686.62
7/16/2014	1.91	685.61
10/14/2014	2.00	685.52
1/20/2015	1.60	685.92
4/6/2015	0.51	687.01
7/22/2015	1.41	686.11
10/19/2015	2.20	685.32
1/5/2016	1.15	686.37
4/4/2016	0.70	687.17
7/5/2016	3.61	683.56
10/24/2016	3.61	683.56
1/16/2017	1.20	685.97
4/18/2017	0.90	685.97
7/11/2017	4.30	682.87
10/23/2017	2.55	684.62

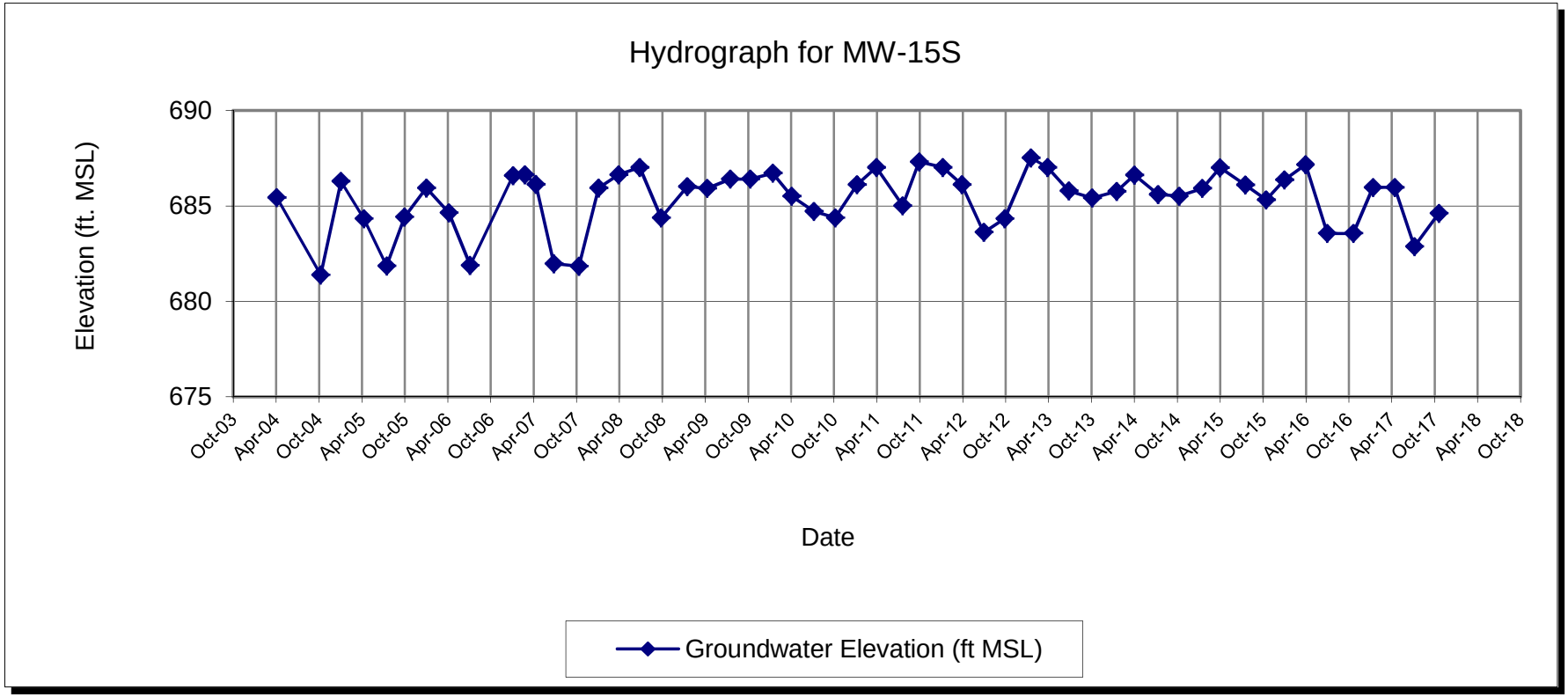
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
Measured from ground surface from 4/4/16 (687.87')
TOC Elevation as of 6/13/08 - 687.52'

MONITORING WELL MW-15S

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	15.70	671.61
10/12/2004	17.42	669.89
1/6/2005	15.74	671.57
4/14/2005	16.99	670.32
7/20/2005	17.31	670.00
10/4/2005	8.94	678.37
1/5/2006	16.16	671.15
4/11/2006	16.90	670.41
7/10/2006	15.78	671.53
10/18/2006	15.50	671.81
1/9/2007	15.80	671.51
2/28/2007	4.10	683.21
4/16/2007	16.61	670.70
7/2/2007	17.20	670.11
10/16/2007	16.70	670.61
1/8/2008	8.99	678.32
4/2/2008	15.01	672.30
7/1/2008	14.64	672.98
9/30/2008	16.24	671.38
1/19/2009	15.00	672.62
4/14/2009	14.21	673.41
7/21/2009	14.61	673.01
10/14/2009	14.81	672.81
1/18/2010	16.89	670.73
4/8/2010	15.00	672.62
7/12/2010	13.00	674.62
10/11/2010	13.00	674.62
1/12/2011	15.65	671.97
4/4/2011	15.51	672.11
7/25/2011	3.73	683.89
10/3/2011	3.05	684.57
1/12/2012	15.50	672.12
4/2/2012	14.30	673.32
7/5/2012	9.81	677.81
10/11/2012	13.70	673.92
1/21/2013	15.90	671.72
4/1/2013	11.08	676.54
7/1/2013	16.04	671.58
10/9/2013	13.95	673.67
1/21/2014	15.05	672.57
4/7/2014	15.84	671.78
7/16/2014	13.51	674.11
10/14/2014	12.49	675.13
1/20/2015	15.04	672.58
4/6/2015	13.15	674.47
7/22/2015	9.92	677.70
10/19/2015	6.50	681.12
1/5/2016	13.65	673.97
4/4/2016	21.70	666.17
7/5/2016	5.85	681.52
10/24/2016	5.85	681.52
1/16/2017	13.56	673.81
4/18/2017	13.40	673.81
7/11/2017	14.06	673.31
10/23/2017	14.21	673.16

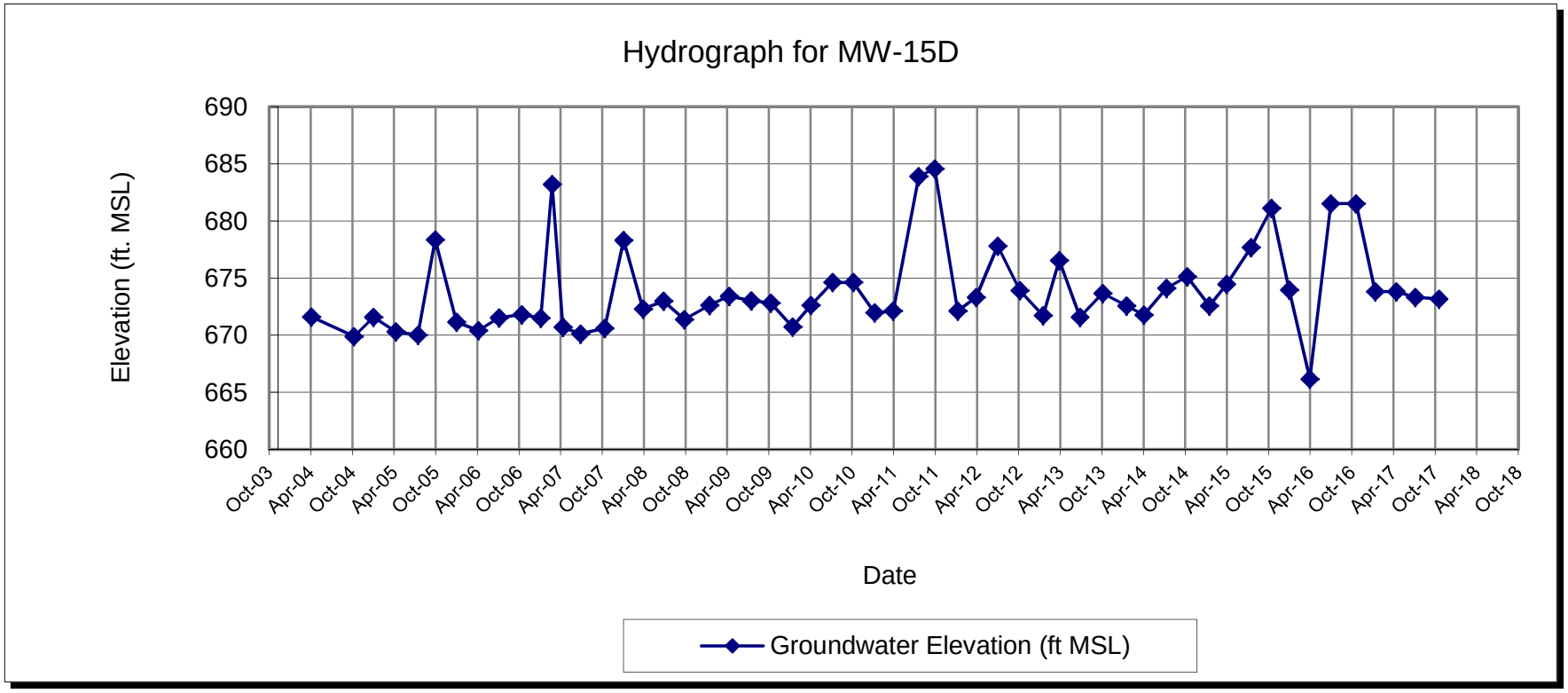
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.31'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 687.62'
Measured from ground surface from 4/4/16 (687.87')

MONITORING WELL MW-15D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.09	680.75
10/12/2004	12.09	673.75
1/6/2005	4.75	681.09
4/14/2005	10.15	675.69
7/20/2005	14.56	671.28
10/4/2005	11.50	674.34
1/5/2006	11.41	674.43
4/11/2006	12.90	672.94
7/10/2006	11.54	674.30
10/18/2006	12.50	673.34
1/9/2007	13.82	672.02
2/28/2007	2.90	682.94
4/16/2007	13.07	672.77
7/2/2007	12.50	673.34
10/18/2007	15.23	670.61
1/8/2008	5.60	680.24
4/2/2008	12.40	673.44
7/1/2008	15.70	674.67
9/30/2008	19.34	671.03
1/19/2009	17.80	672.57
4/14/2009	18.22	672.15
7/21/2009	19.95	670.42
10/14/2009	17.77	672.60
1/18/2010	16.45	673.92
4/8/2010	18.60	671.77
7/12/2010	18.45	671.92
10/11/2010	13.51	676.86
4/7/2011	8.55	677.29
7/25/2011	1.45	684.39
10/3/2011	0.60	685.24
1/12/2012	3.80	682.04
4/2/2012	5.85	679.99
7/5/2012	9.12	676.72
10/11/2012	6.36	679.48
1/21/2013	7.85	677.99
4/1/2013	10.15	675.69
7/1/2013	9.18	676.66
10/9/2013	3.80	682.04
1/21/2014	9.55	676.29
4/7/2014	9.60	676.24
7/16/2014	9.05	676.79
10/14/2014	3.10	682.74
1/20/2015	6.90	678.94
4/6/2015	5.50	680.34
7/22/2015	10.14	678.05
10/19/2015	5.00	683.19
1/5/2016	7.05	681.14
4/4/2016	6.38	681.77
7/5/2016	5.23	682.92
10/24/2016	5.23	682.92
1/16/2017	8.25	679.90
4/18/2017	7.28	679.90
7/11/2017	10.36	677.79
10/23/2017	8.66	679.49

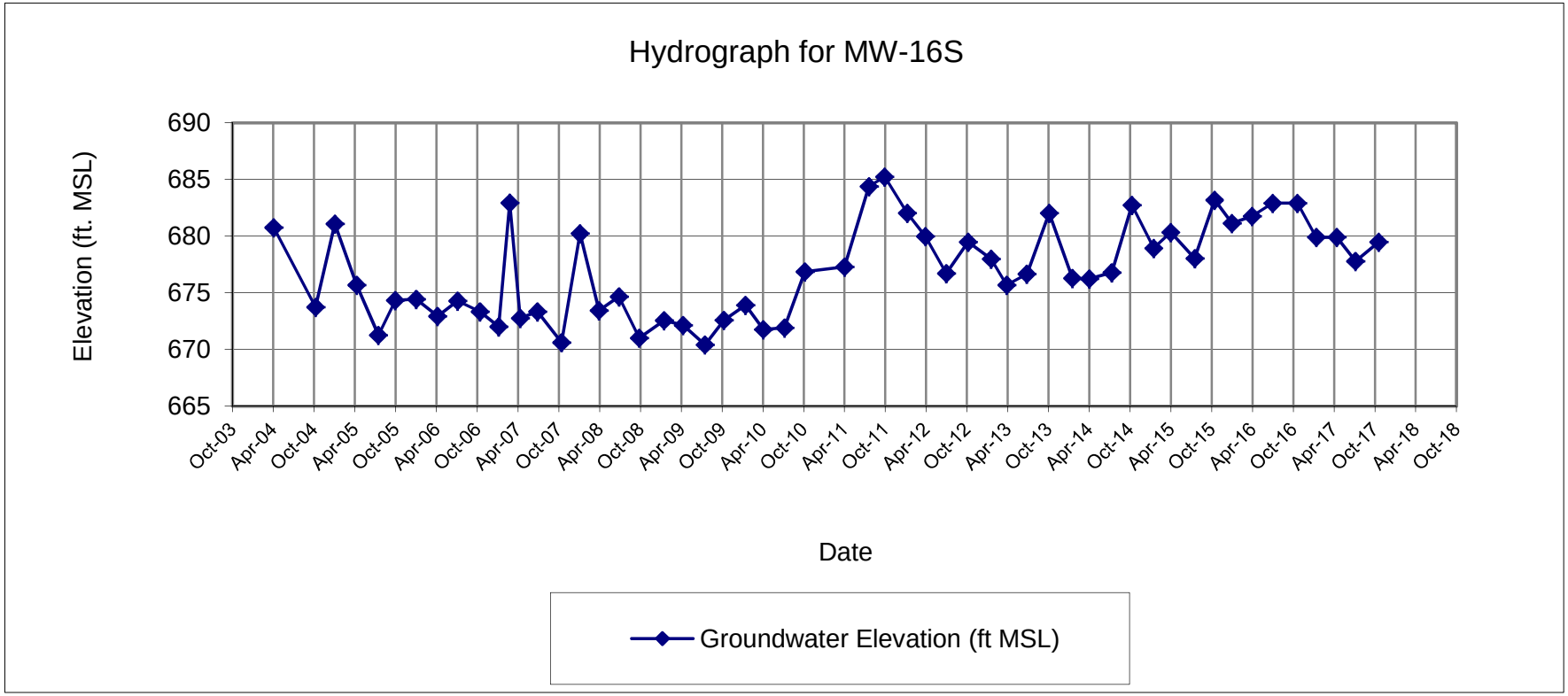
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.84'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 690.37'
TOC Elevation as of 4/7/2011 - 685.84'
TOC Elevation as of 6/2015 - 688.19'
TOC Elevation as of 2/23/2016 - 688.15'

MONITORING WELL MW-16S

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.62	672.39
10/12/2004	15.51	670.50
1/6/2005	13.70	672.31
4/14/2005	16.09	669.92
7/20/2005	16.65	669.36
10/4/2005	9.89	676.12
1/5/2006	17.21	668.80
4/11/2006	17.1	668.91
7/10/2006	10.61	675.4
10/18/2006	15.41	670.6
1/9/2007	15.6	670.41
2/28/2007	2.74	683.27
4/16/2007	16.35	669.66
7/2/2007	16.85	669.16
10/18/2007	17.17	668.84
1/8/2008	8.32	677.69
4/2/2008	13.44	672.57
7/1/2008	17.72	672.83
9/30/2008	19.29	671.26
1/19/2009	17.95	672.60
4/14/2009	17.21	673.34
7/21/2009	18.28	672.27
10/14/2009	17.60	672.95
1/18/2010	19.51	671.04
4/8/2010	17.19	673.36
7/12/2010	17.15	673.40
10/11/2010	18.63	671.92
4/7/2011	13.67	672.34
7/25/2011	2.46	683.55
10/3/2011	1.70	684.31
1/12/2012	13.55	672.46
4/2/2012	12.61	673.40
7/5/2012	8.90	677.11
10/11/2012	13.38	672.63
1/21/2013	15.44	670.57
4/1/2013	12.31	673.70
7/1/2013	16.25	669.76
10/9/2013	11.40	674.61
1/21/2014	13.35	672.66
4/7/2014	15.54	670.47
7/16/2014	11.73	674.28
10/14/2014	10.04	675.97
1/20/2015	12.31	673.70
4/6/2015	10.30	675.71
7/22/2015	9.80	678.59
10/19/2015	6.40	681.99
1/5/2016	13.00	675.39
4/4/2016	11.35	676.81
7/5/2016	6.49	681.67
10/24/2016	6.49	681.67
1/16/2017	14.28	673.88
4/18/2017	13.24	673.88
7/11/2017	14.25	673.91
10/23/2017	14.72	673.44

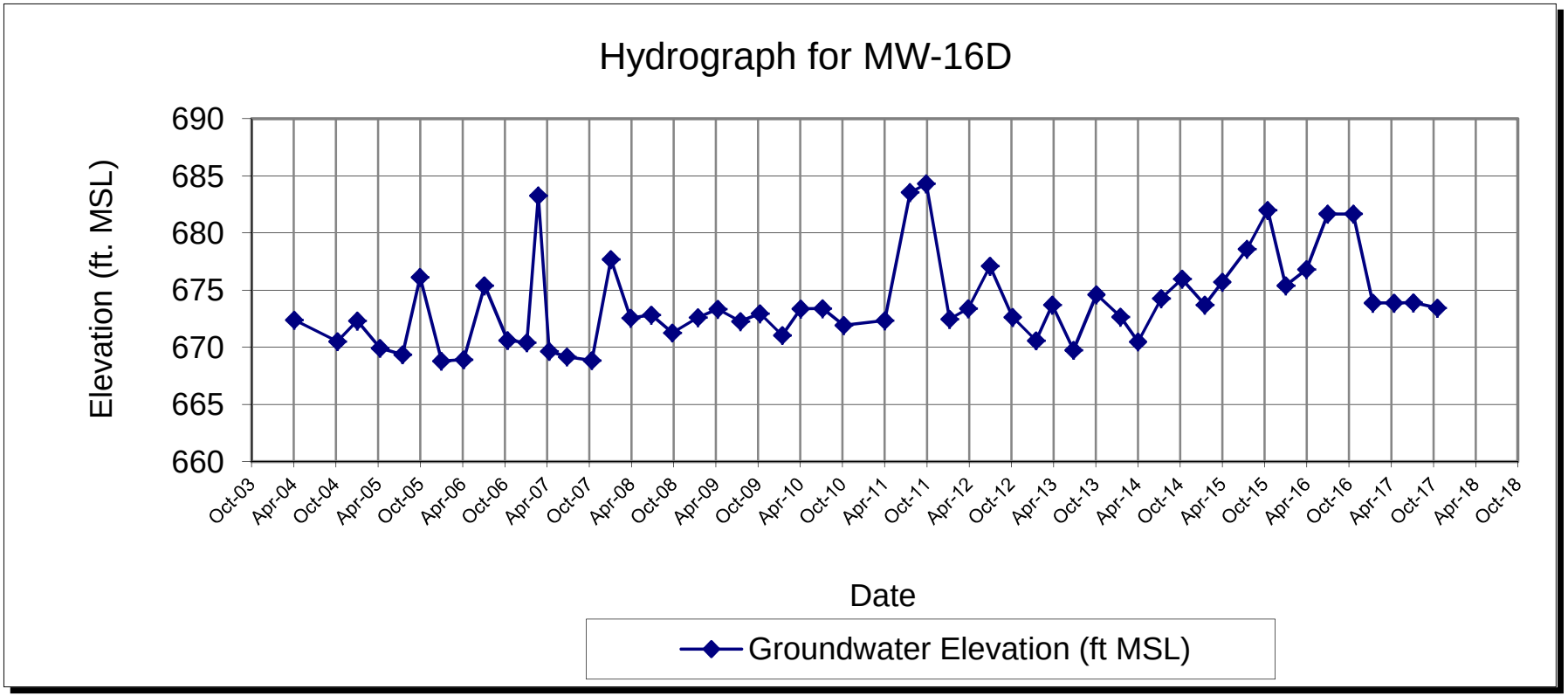
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.01'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08 and 10/9/13
TOC Elevation as of 6/13/08 - 690.55'
TOC Elevation as of 4/7/2011 - 686.01'
TOC Elevation as of 6/2015 - 688.39'
TOC Elevation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

MONITORING WELL MW-16D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site

Lancaster, New York



AECOM

APPENDIX C

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 200-40516-1
Client Project/Site: Scott Figgie West of Plant 2

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

Attn: Mr. Dino Zack

Authorized for release by:
10/27/2017 2:29:16 PM

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

Table of Contents

Definitions/Glossary

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 200-40516-1

Qualifiers

Air - GC/MS VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 200-40516-1

Laboratory: TestAmerica Burlington

Narrative

Job Narrative
200-40516-1

Comments
No additional comments.

Receipt
The samples were received on 10/19/2017 10:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Receipt Exceptions

During the canister pressure check performed upon receipt, the following sample was found to be received at ambient pressure.

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

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 200-40516-1

Client Sample ID: 4Q17-AS
Date Collected: 10/16/17 16:22
Date Received: 10/19/17 10:15
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40516-1
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	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,1,2-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,1-Dichloroethane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,1-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50	ppb v/v			10/24/17 19:17	1
1,2,4-Trimethylbenzene	**0.21**		0.20	0.20	ppb v/v			10/24/17 19:17	1
1,2-Dibromoethane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,2-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,2-Dichloroethane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.40	ppb v/v			10/24/17 19:17	1
1,2-Dichloropropane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,3-Butadiene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,3-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,4-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
1,4-Dioxane	5.0	U	5.0	5.0	ppb v/v			10/24/17 19:17	1
2,2,4-Trimethylpentane	**0.28**		0.20	0.20	ppb v/v			10/24/17 19:17	1
2-Chlorotoluene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
3-Chloropropene	0.50	U	0.50	0.50	ppb v/v			10/24/17 19:17	1
4-Ethyltoluene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Acetone	**7.2**		5.0	5.0	ppb v/v			10/24/17 19:17	1
Benzene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Bromodichloromethane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Bromoform	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Bromomethane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Carbon disulfide	**17**		0.50	0.50	ppb v/v			10/24/17 19:17	1
Carbon tetrachloride	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Chlorobenzene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Chloroethane	**2.3**		0.50	0.50	ppb v/v			10/24/17 19:17	1
Chloroform	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Chloromethane	**0.54**		0.50	0.50	ppb v/v			10/24/17 19:17	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Cyclohexane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Dibromochloromethane	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Dichlorodifluoromethane	**0.51**		0.50	0.50	ppb v/v			10/24/17 19:17	1
Ethylbenzene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Freon TF	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Hexachlorobutadiene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Isopropyl alcohol	5.0	U	5.0	5.0	ppb v/v			10/24/17 19:17	1
m,p-Xylene	**0.56**		0.50	0.50	ppb v/v			10/24/17 19:17	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50	ppb v/v			10/24/17 19:17	1
Methyl Ethyl Ketone	**1.6**		0.50	0.50	ppb v/v			10/24/17 19:17	1
methyl isobutyl ketone	0.50	U	0.50	0.50	ppb v/v			10/24/17 19:17	1
Methyl tert-butyl ether	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1

Client Sample ID: 4Q17-AS
Date Collected: 10/16/17 16:22
Date Received: 10/19/17 10:15
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40516-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.50	U	0.50	0.50	ppb v/v			10/24/17 19:17	1
n-Heptane	**0.26**		0.20	0.20	ppb v/v			10/24/17 19:17	1
n-Hexane	**0.30**		0.20	0.20	ppb v/v			10/24/17 19:17	1
Styrene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
tert-Butyl alcohol	5.0	U	5.0	5.0	ppb v/v			10/24/17 19:17	1
Tetrachloroethene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Tetrahydrofuran	5.0	U	5.0	5.0	ppb v/v			10/24/17 19:17	1
Toluene	**0.65**		0.20	0.20	ppb v/v			10/24/17 19:17	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Trichloroethene	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Trichlorofluoromethane	**0.24**		0.20	0.20	ppb v/v			10/24/17 19:17	1
Vinyl chloride	0.20	U	0.20	0.20	ppb v/v			10/24/17 19:17	1
Xylene (total)	**0.82**		0.70	0.70	ppb v/v			10/24/17 19:17	1
Xylene, o-	**0.26**		0.20	0.20	ppb v/v			10/24/17 19:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	1.1	ug/m3			10/24/17 19:17	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	1.4	ug/m3			10/24/17 19:17	1
1,1,2-Trichloroethane	1.1	U	1.1	1.1	ug/m3			10/24/17 19:17	1
1,1-Dichloroethane	0.81	U	0.81	0.81	ug/m3			10/24/17 19:17	1
1,1-Dichloroethene	0.79	U	0.79	0.79	ug/m3			10/24/17 19:17	1
1,2,4-Trichlorobenzene	3.7	U	3.7	3.7	ug/m3			10/24/17 19:17	1
1,2,4-Trimethylbenzene	**1.0**		0.98	0.98	ug/m3			10/24/17 19:17	1
1,2-Dibromoethane	1.5	U	1.5	1.5	ug/m3			10/24/17 19:17	1
1,2-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			10/24/17 19:17	1
1,2-Dichloroethane	0.81	U	0.81	0.81	ug/m3			10/24/17 19:17	1
1,2-Dichloroethene, Total	1.6	U	1.6	1.6	ug/m3			10/24/17 19:17	1
1,2-Dichloropropane	0.92	U	0.92	0.92	ug/m3			10/24/17 19:17	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	1.4	ug/m3			10/24/17 19:17	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			10/24/17 19:17	1
1,3-Butadiene	0.44	U	0.44	0.44	ug/m3			10/24/17 19:17	1
1,3-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			10/24/17 19:17	1
1,4-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			10/24/17 19:17	1
1,4-Dioxane	18	U	18	18	ug/m3			10/24/17 19:17	1
2,2,4-Trimethylpentane	**1.3**		0.93	0.93	ug/m3			10/24/17 19:17	1
2-Chlorotoluene	1.0	U	1.0	1.0	ug/m3			10/24/17 19:17	1
3-Chloropropene	1.6	U	1.6	1.6	ug/m3			10/24/17 19:17	1
4-Ethyltoluene	0.98	U	0.98	0.98	ug/m3			10/24/17 19:17	1
Acetone	**17**		12	12	ug/m3			10/24/17 19:17	1
Benzene	0.64	U	0.64	0.64	ug/m3			10/24/17 19:17	1
Bromodichloromethane	1.3	U	1.3	1.3	ug/m3			10/24/17 19:17	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.87	ug/m3			10/24/17 19:17	1
Bromoform	2.1	U	2.1	2.1	ug/m3			10/24/17 19:17	1
Bromomethane	0.78	U	0.78	0.78	ug/m3			10/24/17 19:17	1
Carbon disulfide	**53**		1.6	1.6	ug/m3			10/24/17 19:17	1
Carbon tetrachloride	1.3	U	1.3	1.3	ug/m3			10/24/17 19:17	1
Chlorobenzene	0.92	U	0.92	0.92	ug/m3			10/24/17 19:17	1
Chloroethane	**6.1**		1.3	1.3	ug/m3			10/24/17 19:17	1

Client Sample ID: 4Q17-AS
Date Collected: 10/16/17 16:22
Date Received: 10/19/17 10:15
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40516-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.98	U	0.98	0.98	ug/m3			10/24/17 19:17	1
Chloromethane	**1.1**		1.0	1.0	ug/m3			10/24/17 19:17	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.79	ug/m3			10/24/17 19:17	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			10/24/17 19:17	1
Cyclohexane	0.69	U	0.69	0.69	ug/m3			10/24/17 19:17	1
Dibromochloromethane	1.7	U	1.7	1.7	ug/m3			10/24/17 19:17	1
Dichlorodifluoromethane	**2.5**		2.5	2.5	ug/m3			10/24/17 19:17	1
Ethylbenzene	0.87	U	0.87	0.87	ug/m3			10/24/17 19:17	1
Freon TF	1.5	U	1.5	1.5	ug/m3			10/24/17 19:17	1
Hexachlorobutadiene	2.1	U	2.1	2.1	ug/m3			10/24/17 19:17	1
Isopropyl alcohol	12	U	12	12	ug/m3			10/24/17 19:17	1
m,p-Xylene	**2.4**		2.2	2.2	ug/m3			10/24/17 19:17	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	2.0	ug/m3			10/24/17 19:17	1
Methyl Ethyl Ketone	**4.8**		1.5	1.5	ug/m3			10/24/17 19:17	1
methyl isobutyl ketone	2.0	U	2.0	2.0	ug/m3			10/24/17 19:17	1
Methyl tert-butyl ether	0.72	U	0.72	0.72	ug/m3			10/24/17 19:17	1
Methylene Chloride	1.7	U	1.7	1.7	ug/m3			10/24/17 19:17	1
n-Heptane	**1.1**		0.82	0.82	ug/m3			10/24/17 19:17	1
n-Hexane	**1.1**		0.70	0.70	ug/m3			10/24/17 19:17	1
Styrene	0.85	U	0.85	0.85	ug/m3			10/24/17 19:17	1
tert-Butyl alcohol	15	U	15	15	ug/m3			10/24/17 19:17	1
Tetrachloroethene	1.4	U	1.4	1.4	ug/m3			10/24/17 19:17	1
Tetrahydrofuran	15	U	15	15	ug/m3			10/24/17 19:17	1
Toluene	**2.4**		0.75	0.75	ug/m3			10/24/17 19:17	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.79	ug/m3			10/24/17 19:17	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			10/24/17 19:17	1
Trichloroethene	1.1	U	1.1	1.1	ug/m3			10/24/17 19:17	1
Trichlorofluoromethane	**1.4**		1.1	1.1	ug/m3			10/24/17 19:17	1
Vinyl chloride	0.51	U	0.51	0.51	ug/m3			10/24/17 19:17	1
Xylene (total)	**3.6**		3.0	3.0	ug/m3			10/24/17 19:17	1
Xylene, o-	**1.1**		0.87	0.87	ug/m3			10/24/17 19:17	1

Client Sample ID: 4Q17-LRP

Date Collected: 10/16/17 16:25
Date Received: 10/19/17 10:15
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40516-2

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	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,1,2,2-Tetrachloroethane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,1,2-Trichloroethane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,1-Dichloroethane	**7.2**		4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,1-Dichloroethene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,2,4-Trichlorobenzene	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
1,2,4-Trimethylbenzene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,2-Dibromoethane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,2-Dichlorobenzene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,2-Dichloroethane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,2-Dichloroethene, Total	**590**		8.0	8.0	ppb v/v			10/24/17 20:08	19.93
1,2-Dichloropropane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,2-Dichlorotetrafluoroethane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,3,5-Trimethylbenzene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,3-Butadiene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,3-Dichlorobenzene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,4-Dichlorobenzene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
1,4-Dioxane	100	U	100	100	ppb v/v			10/24/17 20:08	19.93
2,2,4-Trimethylpentane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
2-Chlorotoluene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
3-Chloropropene	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
4-Ethyltoluene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Acetone	100	U	100	100	ppb v/v			10/24/17 20:08	19.93
Benzene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Bromodichloromethane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Bromoethene(Vinyl Bromide)	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Bromoform	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Bromomethane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Carbon disulfide	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
Carbon tetrachloride	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Chlorobenzene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Chloroethane	**19**		10	10	ppb v/v			10/24/17 20:08	19.93
Chloroform	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Chloromethane	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
cis-1,2-Dichloroethene	**590**		4.0	4.0	ppb v/v			10/24/17 20:08	19.93
cis-1,3-Dichloropropene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Cyclohexane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Dibromochloromethane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Dichlorodifluoromethane	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
Ethylbenzene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Freon TF	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Hexachlorobutadiene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Isopropyl alcohol	100	U	100	100	ppb v/v			10/24/17 20:08	19.93
m,p-Xylene	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
Methyl Butyl Ketone (2-Hexanone)	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
Methyl Ethyl Ketone	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
methyl isobutyl ketone	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
Methyl tert-butyl ether	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93

Client Sample ID: 4Q17-LRP
Date Collected: 10/16/17 16:25
Date Received: 10/19/17 10:15
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40516-2
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	10	U	10	10	ppb v/v			10/24/17 20:08	19.93
n-Heptane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
n-Hexane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Styrene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
tert-Butyl alcohol	100	U	100	100	ppb v/v			10/24/17 20:08	19.93
Tetrachloroethene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Tetrahydrofuran	100	U	100	100	ppb v/v			10/24/17 20:08	19.93
Toluene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
trans-1,2-Dichloroethene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
trans-1,3-Dichloropropene	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Trichloroethene	**8.6**		4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Trichlorofluoromethane	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Vinyl chloride	**500**		4.0	4.0	ppb v/v			10/24/17 20:08	19.93
Xylene (total)	14	U	14	14	ppb v/v			10/24/17 20:08	19.93
Xylene, o-	4.0	U	4.0	4.0	ppb v/v			10/24/17 20:08	19.93

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	22	U	22	22	ug/m3			10/24/17 20:08	19.93
1,1,2,2-Tetrachloroethane	27	U	27	27	ug/m3			10/24/17 20:08	19.93
1,1,2-Trichloroethane	22	U	22	22	ug/m3			10/24/17 20:08	19.93
1,1-Dichloroethane	**29**		16	16	ug/m3			10/24/17 20:08	19.93
1,1-Dichloroethene	16	U	16	16	ug/m3			10/24/17 20:08	19.93
1,2,4-Trichlorobenzene	74	U	74	74	ug/m3			10/24/17 20:08	19.93
1,2,4-Trimethylbenzene	20	U	20	20	ug/m3			10/24/17 20:08	19.93
1,2-Dibromoethane	31	U	31	31	ug/m3			10/24/17 20:08	19.93
1,2-Dichlorobenzene	24	U	24	24	ug/m3			10/24/17 20:08	19.93
1,2-Dichloroethane	16	U	16	16	ug/m3			10/24/17 20:08	19.93
1,2-Dichloroethene, Total	**2300**		32	32	ug/m3			10/24/17 20:08	19.93
1,2-Dichloropropane	18	U	18	18	ug/m3			10/24/17 20:08	19.93
1,2-Dichlorotetrafluoroethane	28	U	28	28	ug/m3			10/24/17 20:08	19.93
1,3,5-Trimethylbenzene	20	U	20	20	ug/m3			10/24/17 20:08	19.93
1,3-Butadiene	8.8	U	8.8	8.8	ug/m3			10/24/17 20:08	19.93
1,3-Dichlorobenzene	24	U	24	24	ug/m3			10/24/17 20:08	19.93
1,4-Dichlorobenzene	24	U	24	24	ug/m3			10/24/17 20:08	19.93
1,4-Dioxane	360	U	360	360	ug/m3			10/24/17 20:08	19.93
2,2,4-Trimethylpentane	19	U	19	19	ug/m3			10/24/17 20:08	19.93
2-Chlorotoluene	21	U	21	21	ug/m3			10/24/17 20:08	19.93
3-Chloropropene	31	U	31	31	ug/m3			10/24/17 20:08	19.93
4-Ethyltoluene	20	U	20	20	ug/m3			10/24/17 20:08	19.93
Acetone	240	U	240	240	ug/m3			10/24/17 20:08	19.93
Benzene	13	U	13	13	ug/m3			10/24/17 20:08	19.93
Bromodichloromethane	27	U	27	27	ug/m3			10/24/17 20:08	19.93
Bromoethene(Vinyl Bromide)	17	U	17	17	ug/m3			10/24/17 20:08	19.93
Bromoform	41	U	41	41	ug/m3			10/24/17 20:08	19.93
Bromomethane	15	U	15	15	ug/m3			10/24/17 20:08	19.93
Carbon disulfide	31	U	31	31	ug/m3			10/24/17 20:08	19.93
Carbon tetrachloride	25	U	25	25	ug/m3			10/24/17 20:08	19.93
Chlorobenzene	18	U	18	18	ug/m3			10/24/17 20:08	19.93
Chloroethane	**50**		26	26	ug/m3			10/24/17 20:08	19.93

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 200-40516-1

Client Sample ID: 4Q17-LRP
Date Collected: 10/16/17 16:25
Date Received: 10/19/17 10:15
Sample Container: Summa Canister 6L

Lab Sample ID: 200-40516-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	19	U	19	19	ug/m3			10/24/17 20:08	19.93
Chloromethane	21	U	21	21	ug/m3			10/24/17 20:08	19.93
cis-1,2-Dichloroethene	**2300**		16	16	ug/m3			10/24/17 20:08	19.93
cis-1,3-Dichloropropene	18	U	18	18	ug/m3			10/24/17 20:08	19.93
Cyclohexane	14	U	14	14	ug/m3			10/24/17 20:08	19.93
Dibromochloromethane	34	U	34	34	ug/m3			10/24/17 20:08	19.93
Dichlorodifluoromethane	49	U	49	49	ug/m3			10/24/17 20:08	19.93
Ethylbenzene	17	U	17	17	ug/m3			10/24/17 20:08	19.93
Freon TF	31	U	31	31	ug/m3			10/24/17 20:08	19.93
Hexachlorobutadiene	43	U	43	43	ug/m3			10/24/17 20:08	19.93
Isopropyl alcohol	240	U	240	240	ug/m3			10/24/17 20:08	19.93
m,p-Xylene	43	U	43	43	ug/m3			10/24/17 20:08	19.93
Methyl Butyl Ketone (2-Hexanone)	41	U	41	41	ug/m3			10/24/17 20:08	19.93
Methyl Ethyl Ketone	29	U	29	29	ug/m3			10/24/17 20:08	19.93
methyl isobutyl ketone	41	U	41	41	ug/m3			10/24/17 20:08	19.93
Methyl tert-butyl ether	14	U	14	14	ug/m3			10/24/17 20:08	19.93
Methylene Chloride	35	U	35	35	ug/m3			10/24/17 20:08	19.93
n-Heptane	16	U	16	16	ug/m3			10/24/17 20:08	19.93
n-Hexane	14	U	14	14	ug/m3			10/24/17 20:08	19.93
Styrene	17	U	17	17	ug/m3			10/24/17 20:08	19.93
tert-Butyl alcohol	300	U	300	300	ug/m3			10/24/17 20:08	19.93
Tetrachloroethene	27	U	27	27	ug/m3			10/24/17 20:08	19.93
Tetrahydrofuran	290	U	290	290	ug/m3			10/24/17 20:08	19.93
Toluene	15	U	15	15	ug/m3			10/24/17 20:08	19.93
trans-1,2-Dichloroethene	16	U	16	16	ug/m3			10/24/17 20:08	19.93
trans-1,3-Dichloropropene	18	U	18	18	ug/m3			10/24/17 20:08	19.93
Trichloroethene	**46**		21	21	ug/m3			10/24/17 20:08	19.93
Trichlorofluoromethane	22	U	22	22	ug/m3			10/24/17 20:08	19.93
Vinyl chloride	**1300**		10	10	ug/m3			10/24/17 20:08	19.93
Xylene (total)	61	U	61	61	ug/m3			10/24/17 20:08	19.93
Xylene, o-	17	U	17	17	ug/m3			10/24/17 20:08	19.93

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 200-40516-1

Client Sample ID: 4Q17-AS
Lab Sample ID: 200-40516-1
Date Collected: 10/16/17 16:22
Matrix: Air
Date Received: 10/19/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	122476	10/24/17 19:17	A1B	TAL BUR

Client Sample ID: 4Q17-LRP
Lab Sample ID: 200-40516-2
Date Collected: 10/16/17 16:25
Matrix: Air
Date Received: 10/19/17 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		19.93	122476	10/24/17 20:08	A1B	TAL BUR

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 200-40516-1

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Identification Number	Expiration Date
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-02-18
Florida	NELAP	4	E87467	06-30-18
L-A-B	DoD ELAP		L2336	02-25-20
Maine	State Program	1	VT00008	04-17-19
Minnesota	NELAP	5	050-999-436	12-31-17
New Hampshire	NELAP	1	2006	12-18-17
New Jersey	NELAP	2	VT972	06-30-18
New York	NELAP	2	10391	04-01-18
Pennsylvania	NELAP	3	68-00489	04-30-18
Rhode Island	State Program	1	LAO00298	12-30-17
US Fish & Wildlife	Federal		LE-058448-0	07-31-18
USDA	Federal		P330-11-00093	12-05-19
Vermont	State Program	1	VT-4000	12-31-17
Virginia	NELAP	3	460209	12-14-17

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Method Summary

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 200-40516-1

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 Figgie West of Plant 2

TestAmerica Job ID: 200-40516-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-40516-1	4Q17-AS	Air	10/16/17 16:22	10/19/17 10:15
200-40516-2	4Q17-LRP	Air	10/16/17 16:25	10/19/17 10:15

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact Information	**Client Project Manager:** Dino Zack	**Samples Collected By:** Emily Au	COC No:
Company Name: AECOM	Phone:		1 of 1 COCs
Address: 257 W. Genesee St.	Email: Dino.Zack@aecom.com		
City/State/Zip Buffalo NY 14202			**For Lab Use Only:**
Phone:	Site Contact: Dino Zack		Walk-in Client:
FAX:	Tel/Fax		Lab Sampling:
Project Name: Scott Aviation W. of Plant 2	**Anaylsis Turnaround Time**		Job / SDG No.:
Site/Location: Lancaster NY	X Standard (Specific):		(See below for Add'l Items)
P O #	Rush (Specifiy):		

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-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes sectio	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
4Q17-AS	10/16/17	1622	—	-29.4	—	—	5649	X														
4Q17-LRP	10/16/17	1625	—	-29.4	—	—	3551	X														

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		

Pressure (inches of Hg)		
	Interior	Ambient
Start		
Stop		

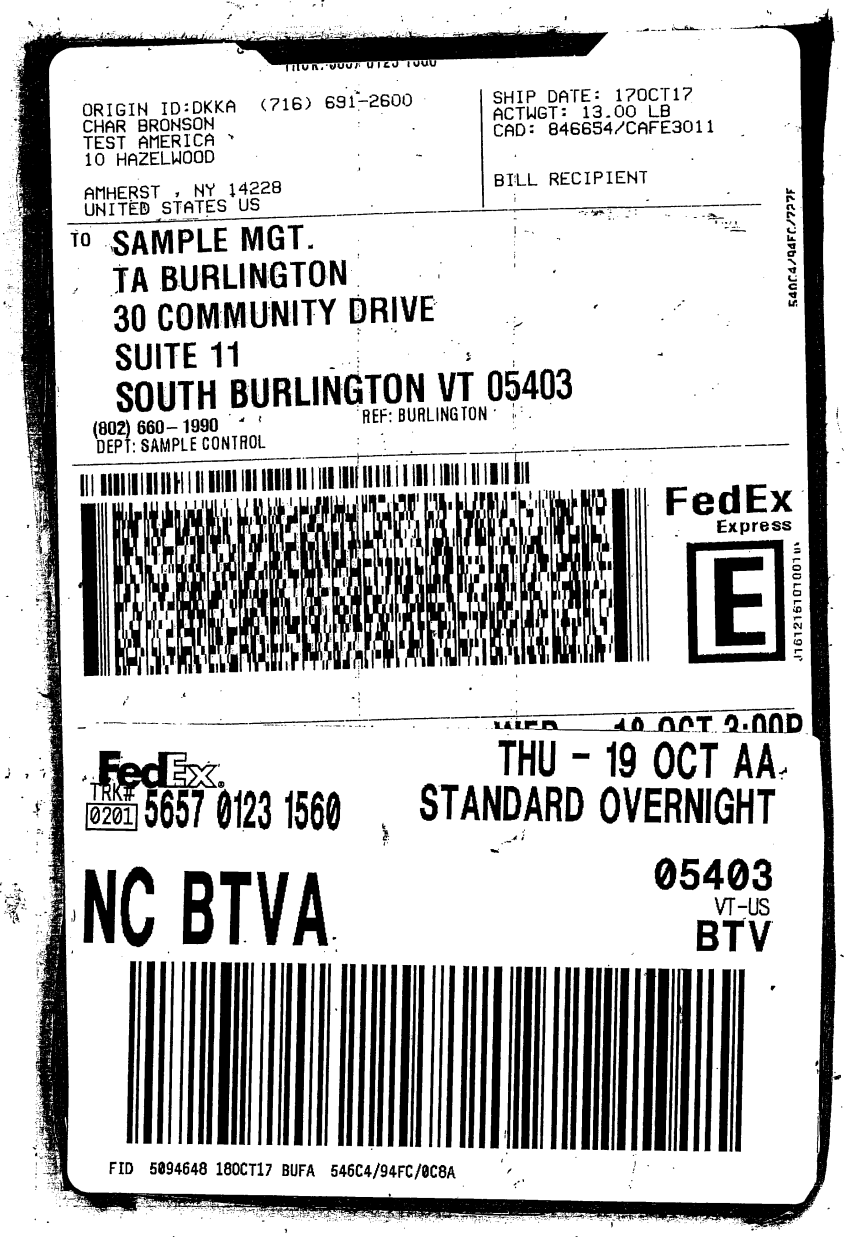
200-40516 COC

Special Instructions/QC Requirements & Comments: TO-15

Samples Shipped by:	**Date / Time:**	**Samples Received by:**
Samples Relinquished by: Emily Au	**Date / Time:** 10/16/17 EA 1630 1700	**Received by:** VAB 10/16/17 1700
Relinquished by:	**Date / Time:** 10/19/17 1600	**Received by:** 10/19/17 TABurn 1015
Lab Use Only: **Shipper Name:** QB	**Opened by:** VLH	**Condition:** Intact

Form No. CA-C-WI-003, Rev. 2.5, dated 9/22/2017

10/27/2017



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

AMHERST , NY 14228
UNITED STATES US

SHIP DATE: 17OCT17
ACTWGT: 13.00 LB
CAD: 846654/CAFE3011

BILL RECIPIENT

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

FedEx Express

FedEx
TRK# 0201 5657 0123 1560

THU - 19 OCT AA
STANDARD OVERNIGHT

NC BTVA

05403
VT-US
BTV

FID 5094648 18OCT17 BUFA 546C4/94FC/0C8A

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 200-40516-1

Login Number: 40516
List Number: 1
Creator: Hahl, Victoria L

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	True	010567, 010568
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Emily Au
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 200-40516-1

Login Number: 40516
List Number: 2
Creator: Hahl, Victoria L

List Source: TestAmerica Burlington

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

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: 480-126348-1
Client Project/Site: Scott Figgie West of Plant 2

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

Attn: Mr. Dino Zack

Authorized for release by:
10/31/2017 9:00:41 AM

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

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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: 480-126348-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-126348-1

Comments
No additional comments.

Receipt
The samples were received on 10/20/2017 5:20 PM and 10/24/2017 4:24 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.1º C and 3.1º C.

GC/MS VOA
Method(s) 8260C: The following sample(s) 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: DPT-5 (480-126348-1) and DPT-1 (480-126348-2).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 490-470575 recovered outside control limits for the following analytes: Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

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

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-5
Date Collected: 10/19/17 15:10
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 21:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/24/17 21:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/24/17 21:55	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 21:55	1
1,1-Dichloroethane	**100**		1.0	0.24	ug/L			10/24/17 21:55	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/24/17 21:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/24/17 21:55	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/24/17 21:55	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/24/17 21:55	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/24/17 21:55	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/24/17 21:55	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/24/17 21:55	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/24/17 21:55	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/24/17 21:55	1
2-Butanone (MEK)	**240**		50	2.6	ug/L			10/24/17 21:55	1
2-Hexanone	ND		10	1.3	ug/L			10/24/17 21:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/24/17 21:55	1
Acetone	ND		25	2.7	ug/L			10/24/17 21:55	1
Benzene	**0.52**	**J**	1.0	0.20	ug/L			10/24/17 21:55	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/24/17 21:55	1
Bromoform	ND		1.0	0.29	ug/L			10/24/17 21:55	1
Bromomethane	ND		1.0	0.35	ug/L			10/24/17 21:55	1
Carbon disulfide	**3.0**		1.0	0.22	ug/L			10/24/17 21:55	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/24/17 21:55	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/24/17 21:55	1
Chloroethane	**84**		1.0	0.36	ug/L			10/24/17 21:55	1
Chloroform	ND		1.0	0.23	ug/L			10/24/17 21:55	1
Chloromethane	ND		1.0	0.36	ug/L			10/24/17 21:55	1
cis-1,2-Dichloroethene	**1400**		25	5.3	ug/L			10/25/17 17:33	25
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 21:55	1
Cyclohexane	ND		5.0	0.13	ug/L			10/24/17 21:55	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/24/17 21:55	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/24/17 21:55	1
Ethylbenzene	**1.8**		1.0	0.19	ug/L			10/24/17 21:55	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/24/17 21:55	1
Methyl acetate	ND		10	0.58	ug/L			10/24/17 21:55	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/24/17 21:55	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/24/17 21:55	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/24/17 21:55	1
Styrene	ND		1.0	0.28	ug/L			10/24/17 21:55	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/24/17 21:55	1
Toluene	**5.7**		1.0	0.17	ug/L			10/24/17 21:55	1
trans-1,2-Dichloroethene	**22**		1.0	0.23	ug/L			10/24/17 21:55	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 21:55	1
Trichloroethene	ND		1.0	0.20	ug/L			10/24/17 21:55	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/24/17 21:55	1
Vinyl chloride	**1600**		25	4.5	ug/L			10/25/17 17:33	25
Xylenes, Total	**2.3**	**J**	3.0	0.58	ug/L			10/24/17 21:55	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-5
Date Collected: 10/19/17 15:10
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		70 - 130		10/24/17 21:55	1
1,2-Dichloroethane-d4 (Surr)	119		70 - 130		10/25/17 17:33	25
4-Bromofluorobenzene (Surr)	118		70 - 130		10/24/17 21:55	1
4-Bromofluorobenzene (Surr)	106		70 - 130		10/25/17 17:33	25
Toluene-d8 (Surr)	102		70 - 130		10/24/17 21:55	1
Toluene-d8 (Surr)	105		70 - 130		10/25/17 17:33	25
Dibromofluoromethane (Surr)	102		70 - 130		10/24/17 21:55	1
Dibromofluoromethane (Surr)	93		70 - 130		10/25/17 17:33	25

Client Sample ID: DPT-1

Date Collected: 10/19/17 14:15
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 19:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/24/17 19:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.1**		1.0	0.15	ug/L			10/24/17 19:41	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 19:41	1
1,1-Dichloroethane	**2.4**		1.0	0.24	ug/L			10/24/17 19:41	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/24/17 19:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/24/17 19:41	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/24/17 19:41	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/24/17 19:41	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/24/17 19:41	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/24/17 19:41	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/24/17 19:41	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/24/17 19:41	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/24/17 19:41	1
2-Butanone (MEK)	**33**	**J**	50	2.6	ug/L			10/24/17 19:41	1
2-Hexanone	ND		10	1.3	ug/L			10/24/17 19:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/24/17 19:41	1
Acetone	**84**		25	2.7	ug/L			10/24/17 19:41	1
Benzene	ND		1.0	0.20	ug/L			10/24/17 19:41	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/24/17 19:41	1
Bromoform	ND		1.0	0.29	ug/L			10/24/17 19:41	1
Bromomethane	ND		1.0	0.35	ug/L			10/24/17 19:41	1
Carbon disulfide	**5.7**		1.0	0.22	ug/L			10/24/17 19:41	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/24/17 19:41	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/24/17 19:41	1
Chloroethane	**7.6**		1.0	0.36	ug/L			10/24/17 19:41	1
Chloroform	ND		1.0	0.23	ug/L			10/24/17 19:41	1
Chloromethane	ND		1.0	0.36	ug/L			10/24/17 19:41	1
cis-1,2-Dichloroethene	**5.3**		1.0	0.21	ug/L			10/24/17 19:41	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 19:41	1
Cyclohexane	ND		5.0	0.13	ug/L			10/24/17 19:41	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/24/17 19:41	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/24/17 19:41	1
Ethylbenzene	**0.51**	**J**	1.0	0.19	ug/L			10/24/17 19:41	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/24/17 19:41	1
Methyl acetate	ND		10	0.58	ug/L			10/24/17 19:41	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/24/17 19:41	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/24/17 19:41	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/24/17 19:41	1
Styrene	ND		1.0	0.28	ug/L			10/24/17 19:41	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/24/17 19:41	1
Toluene	**3.6**		1.0	0.17	ug/L			10/24/17 19:41	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/24/17 19:41	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 19:41	1
Trichloroethene	ND		1.0	0.20	ug/L			10/24/17 19:41	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/24/17 19:41	1
Vinyl chloride	**1.1**		1.0	0.18	ug/L			10/24/17 19:41	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/24/17 19:41	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-1
Date Collected: 10/19/17 14:15
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		70 - 130		10/24/17 19:41	1
4-Bromofluorobenzene (Surr)	109		70 - 130		10/24/17 19:41	1
Toluene-d8 (Surr)	101		70 - 130		10/24/17 19:41	1
Dibromofluoromethane (Surr)	96		70 - 130		10/24/17 19:41	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-11
Date Collected: 10/20/17 11:15
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 20:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/24/17 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/24/17 20:08	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 20:08	1
1,1-Dichloroethane	**0.79**	**J**	1.0	0.24	ug/L			10/24/17 20:08	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/24/17 20:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/24/17 20:08	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/24/17 20:08	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/24/17 20:08	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/24/17 20:08	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/24/17 20:08	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/24/17 20:08	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/24/17 20:08	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/24/17 20:08	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/24/17 20:08	1
2-Hexanone	ND		10	1.3	ug/L			10/24/17 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/24/17 20:08	1
Acetone	**6.0**	**J**	25	2.7	ug/L			10/24/17 20:08	1
Benzene	ND		1.0	0.20	ug/L			10/24/17 20:08	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/24/17 20:08	1
Bromoform	ND		1.0	0.29	ug/L			10/24/17 20:08	1
Bromomethane	ND		1.0	0.35	ug/L			10/24/17 20:08	1
Carbon disulfide	**0.80**	**J**	1.0	0.22	ug/L			10/24/17 20:08	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/24/17 20:08	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/24/17 20:08	1
Chloroethane	ND		1.0	0.36	ug/L			10/24/17 20:08	1
Chloroform	ND		1.0	0.23	ug/L			10/24/17 20:08	1
Chloromethane	ND		1.0	0.36	ug/L			10/24/17 20:08	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.21	ug/L			10/24/17 20:08	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 20:08	1
Cyclohexane	ND		5.0	0.13	ug/L			10/24/17 20:08	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/24/17 20:08	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/24/17 20:08	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/24/17 20:08	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/24/17 20:08	1
Methyl acetate	ND		10	0.58	ug/L			10/24/17 20:08	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/24/17 20:08	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/24/17 20:08	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/24/17 20:08	1
Styrene	ND		1.0	0.28	ug/L			10/24/17 20:08	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/24/17 20:08	1
Toluene	ND		1.0	0.17	ug/L			10/24/17 20:08	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/24/17 20:08	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 20:08	1
Trichloroethene	ND		1.0	0.20	ug/L			10/24/17 20:08	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/24/17 20:08	1
Vinyl chloride	**2.2**		1.0	0.18	ug/L			10/24/17 20:08	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/24/17 20:08	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-11
Date Collected: 10/20/17 11:15
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		70 - 130		10/24/17 20:08	1
4-Bromofluorobenzene (Surr)	111		70 - 130		10/24/17 20:08	1
Toluene-d8 (Surr)	102		70 - 130		10/24/17 20:08	1
Dibromofluoromethane (Surr)	99		70 - 130		10/24/17 20:08	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-10
Date Collected: 10/20/17 13:55
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 20:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/24/17 20:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/24/17 20:35	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 20:35	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/24/17 20:35	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/24/17 20:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/24/17 20:35	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/24/17 20:35	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/24/17 20:35	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/24/17 20:35	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/24/17 20:35	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/24/17 20:35	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/24/17 20:35	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/24/17 20:35	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/24/17 20:35	1
2-Hexanone	ND		10	1.3	ug/L			10/24/17 20:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/24/17 20:35	1
Acetone	**14**	**J**	25	2.7	ug/L			10/24/17 20:35	1
Benzene	ND		1.0	0.20	ug/L			10/24/17 20:35	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/24/17 20:35	1
Bromoform	ND		1.0	0.29	ug/L			10/24/17 20:35	1
Bromomethane	ND		1.0	0.35	ug/L			10/24/17 20:35	1
Carbon disulfide	**0.67**	**J**	1.0	0.22	ug/L			10/24/17 20:35	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/24/17 20:35	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/24/17 20:35	1
Chloroethane	ND		1.0	0.36	ug/L			10/24/17 20:35	1
Chloroform	ND		1.0	0.23	ug/L			10/24/17 20:35	1
Chloromethane	ND		1.0	0.36	ug/L			10/24/17 20:35	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/24/17 20:35	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 20:35	1
Cyclohexane	ND		5.0	0.13	ug/L			10/24/17 20:35	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/24/17 20:35	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/24/17 20:35	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/24/17 20:35	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/24/17 20:35	1
Methyl acetate	ND		10	0.58	ug/L			10/24/17 20:35	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/24/17 20:35	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/24/17 20:35	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/24/17 20:35	1
Styrene	ND		1.0	0.28	ug/L			10/24/17 20:35	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/24/17 20:35	1
Toluene	ND		1.0	0.17	ug/L			10/24/17 20:35	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/24/17 20:35	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 20:35	1
Trichloroethene	ND		1.0	0.20	ug/L			10/24/17 20:35	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/24/17 20:35	1
Vinyl chloride	ND		1.0	0.18	ug/L			10/24/17 20:35	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/24/17 20:35	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-10
Date Collected: 10/20/17 13:55
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		70 - 130		10/24/17 20:35	1
4-Bromofluorobenzene (Surr)	101		70 - 130		10/24/17 20:35	1
Toluene-d8 (Surr)	103		70 - 130		10/24/17 20:35	1
Dibromofluoromethane (Surr)	99		70 - 130		10/24/17 20:35	1

Client Sample ID: Duplicate
Date Collected: 10/20/17 08:15
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 21:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/24/17 21:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/24/17 21:28	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 21:28	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/24/17 21:28	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/24/17 21:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/24/17 21:28	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/24/17 21:28	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/24/17 21:28	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/24/17 21:28	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/24/17 21:28	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/24/17 21:28	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/24/17 21:28	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/24/17 21:28	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/24/17 21:28	1
2-Hexanone	ND		10	1.3	ug/L			10/24/17 21:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/24/17 21:28	1
Acetone	**2.7**	**J**	25	2.7	ug/L			10/24/17 21:28	1
Benzene	ND		1.0	0.20	ug/L			10/24/17 21:28	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/24/17 21:28	1
Bromoform	ND		1.0	0.29	ug/L			10/24/17 21:28	1
Bromomethane	ND		1.0	0.35	ug/L			10/24/17 21:28	1
Carbon disulfide	**0.36**	**J**	1.0	0.22	ug/L			10/24/17 21:28	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/24/17 21:28	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/24/17 21:28	1
Chloroethane	ND		1.0	0.36	ug/L			10/24/17 21:28	1
Chloroform	ND		1.0	0.23	ug/L			10/24/17 21:28	1
Chloromethane	ND		1.0	0.36	ug/L			10/24/17 21:28	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/24/17 21:28	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 21:28	1
Cyclohexane	ND		5.0	0.13	ug/L			10/24/17 21:28	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/24/17 21:28	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/24/17 21:28	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/24/17 21:28	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/24/17 21:28	1
Methyl acetate	ND		10	0.58	ug/L			10/24/17 21:28	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/24/17 21:28	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/24/17 21:28	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/24/17 21:28	1
Styrene	ND		1.0	0.28	ug/L			10/24/17 21:28	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/24/17 21:28	1
Toluene	ND		1.0	0.17	ug/L			10/24/17 21:28	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/24/17 21:28	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 21:28	1
Trichloroethene	ND		1.0	0.20	ug/L			10/24/17 21:28	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/24/17 21:28	1
Vinyl chloride	ND		1.0	0.18	ug/L			10/24/17 21:28	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/24/17 21:28	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: Duplicate
Date Collected: 10/20/17 08:15
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		70 - 130		10/24/17 21:28	1
4-Bromofluorobenzene (Surr)	108		70 - 130		10/24/17 21:28	1
Toluene-d8 (Surr)	106		70 - 130		10/24/17 21:28	1
Dibromofluoromethane (Surr)	99		70 - 130		10/24/17 21:28	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-6
Date Collected: 10/20/17 14:20
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 21:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/24/17 21:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/24/17 21:02	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 21:02	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/24/17 21:02	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/24/17 21:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/24/17 21:02	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/24/17 21:02	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/24/17 21:02	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/24/17 21:02	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/24/17 21:02	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/24/17 21:02	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/24/17 21:02	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/24/17 21:02	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/24/17 21:02	1
2-Hexanone	ND		10	1.3	ug/L			10/24/17 21:02	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/24/17 21:02	1
Acetone	**2.9**	**J**	25	2.7	ug/L			10/24/17 21:02	1
Benzene	ND		1.0	0.20	ug/L			10/24/17 21:02	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/24/17 21:02	1
Bromoform	ND		1.0	0.29	ug/L			10/24/17 21:02	1
Bromomethane	ND		1.0	0.35	ug/L			10/24/17 21:02	1
Carbon disulfide	**0.49**	**J**	1.0	0.22	ug/L			10/24/17 21:02	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/24/17 21:02	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/24/17 21:02	1
Chloroethane	ND		1.0	0.36	ug/L			10/24/17 21:02	1
Chloroform	ND		1.0	0.23	ug/L			10/24/17 21:02	1
Chloromethane	ND		1.0	0.36	ug/L			10/24/17 21:02	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/24/17 21:02	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 21:02	1
Cyclohexane	ND		5.0	0.13	ug/L			10/24/17 21:02	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/24/17 21:02	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/24/17 21:02	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/24/17 21:02	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/24/17 21:02	1
Methyl acetate	ND		10	0.58	ug/L			10/24/17 21:02	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/24/17 21:02	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/24/17 21:02	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/24/17 21:02	1
Styrene	ND		1.0	0.28	ug/L			10/24/17 21:02	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/24/17 21:02	1
Toluene	ND		1.0	0.17	ug/L			10/24/17 21:02	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/24/17 21:02	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 21:02	1
Trichloroethene	ND		1.0	0.20	ug/L			10/24/17 21:02	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/24/17 21:02	1
Vinyl chloride	**0.44**	**J**	1.0	0.18	ug/L			10/24/17 21:02	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/24/17 21:02	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-6
Date Collected: 10/20/17 14:20
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		70 - 130		10/24/17 21:02	1
4-Bromofluorobenzene (Surr)	112		70 - 130		10/24/17 21:02	1
Toluene-d8 (Surr)	102		70 - 130		10/24/17 21:02	1
Dibromofluoromethane (Surr)	100		70 - 130		10/24/17 21:02	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: Trip Blank
Date Collected: 10/20/17 14:00
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 17:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/24/17 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/24/17 17:00	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 17:00	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/24/17 17:00	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/24/17 17:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/24/17 17:00	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/24/17 17:00	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/24/17 17:00	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/24/17 17:00	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/24/17 17:00	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/24/17 17:00	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/24/17 17:00	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/24/17 17:00	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/24/17 17:00	1
2-Hexanone	ND		10	1.3	ug/L			10/24/17 17:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/24/17 17:00	1
Acetone	ND		25	2.7	ug/L			10/24/17 17:00	1
Benzene	ND		1.0	0.20	ug/L			10/24/17 17:00	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/24/17 17:00	1
Bromoform	ND		1.0	0.29	ug/L			10/24/17 17:00	1
Bromomethane	ND		1.0	0.35	ug/L			10/24/17 17:00	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/24/17 17:00	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/24/17 17:00	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/24/17 17:00	1
Chloroethane	ND		1.0	0.36	ug/L			10/24/17 17:00	1
Chloroform	ND		1.0	0.23	ug/L			10/24/17 17:00	1
Chloromethane	ND		1.0	0.36	ug/L			10/24/17 17:00	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/24/17 17:00	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 17:00	1
Cyclohexane	ND		5.0	0.13	ug/L			10/24/17 17:00	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/24/17 17:00	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/24/17 17:00	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/24/17 17:00	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/24/17 17:00	1
Methyl acetate	ND		10	0.58	ug/L			10/24/17 17:00	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/24/17 17:00	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/24/17 17:00	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/24/17 17:00	1
Styrene	ND		1.0	0.28	ug/L			10/24/17 17:00	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/24/17 17:00	1
Toluene	ND		1.0	0.17	ug/L			10/24/17 17:00	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/24/17 17:00	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 17:00	1
Trichloroethene	ND		1.0	0.20	ug/L			10/24/17 17:00	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/24/17 17:00	1
Vinyl chloride	ND		1.0	0.18	ug/L			10/24/17 17:00	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/24/17 17:00	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: Trip Blank
Date Collected: 10/20/17 14:00
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		70 - 130		10/24/17 17:00	1
4-Bromofluorobenzene (Surr)	112		70 - 130		10/24/17 17:00	1
Toluene-d8 (Surr)	102		70 - 130		10/24/17 17:00	1
Dibromofluoromethane (Surr)	96		70 - 130		10/24/17 17:00	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: Rinse Blank
Date Collected: 10/20/17 15:40
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 17:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/24/17 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/24/17 17:27	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/24/17 17:27	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/24/17 17:27	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/24/17 17:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/24/17 17:27	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/24/17 17:27	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/24/17 17:27	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/24/17 17:27	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/24/17 17:27	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/24/17 17:27	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/24/17 17:27	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/24/17 17:27	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/24/17 17:27	1
2-Hexanone	ND		10	1.3	ug/L			10/24/17 17:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/24/17 17:27	1
Acetone	ND		25	2.7	ug/L			10/24/17 17:27	1
Benzene	ND		1.0	0.20	ug/L			10/24/17 17:27	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/24/17 17:27	1
Bromoform	ND		1.0	0.29	ug/L			10/24/17 17:27	1
Bromomethane	ND		1.0	0.35	ug/L			10/24/17 17:27	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/24/17 17:27	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/24/17 17:27	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/24/17 17:27	1
Chloroethane	ND		1.0	0.36	ug/L			10/24/17 17:27	1
Chloroform	ND		1.0	0.23	ug/L			10/24/17 17:27	1
Chloromethane	ND		1.0	0.36	ug/L			10/24/17 17:27	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/24/17 17:27	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 17:27	1
Cyclohexane	ND		5.0	0.13	ug/L			10/24/17 17:27	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/24/17 17:27	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/24/17 17:27	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/24/17 17:27	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/24/17 17:27	1
Methyl acetate	ND		10	0.58	ug/L			10/24/17 17:27	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/24/17 17:27	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/24/17 17:27	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/24/17 17:27	1
Styrene	ND		1.0	0.28	ug/L			10/24/17 17:27	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/24/17 17:27	1
Toluene	ND		1.0	0.17	ug/L			10/24/17 17:27	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/24/17 17:27	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/24/17 17:27	1
Trichloroethene	ND		1.0	0.20	ug/L			10/24/17 17:27	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/24/17 17:27	1
Vinyl chloride	ND		1.0	0.18	ug/L			10/24/17 17:27	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/24/17 17:27	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: Rinse Blank
Date Collected: 10/20/17 15:40
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130		10/24/17 17:27	1
4-Bromofluorobenzene (Surr)	107		70 - 130		10/24/17 17:27	1
Toluene-d8 (Surr)	105		70 - 130		10/24/17 17:27	1
Dibromofluoromethane (Surr)	96		70 - 130		10/24/17 17:27	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: GWCT
Date Collected: 10/23/17 08:40
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 19:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/26/17 19:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/26/17 19:35	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 19:35	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/26/17 19:35	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/26/17 19:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/26/17 19:35	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/26/17 19:35	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/26/17 19:35	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/26/17 19:35	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/26/17 19:35	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/26/17 19:35	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/26/17 19:35	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/26/17 19:35	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/26/17 19:35	1
2-Hexanone	ND		10	1.3	ug/L			10/26/17 19:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/26/17 19:35	1
Acetone	ND	*	25	2.7	ug/L			10/26/17 19:35	1
Benzene	ND		1.0	0.20	ug/L			10/26/17 19:35	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/26/17 19:35	1
Bromoform	ND		1.0	0.29	ug/L			10/26/17 19:35	1
Bromomethane	ND		1.0	0.35	ug/L			10/26/17 19:35	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/26/17 19:35	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/26/17 19:35	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/26/17 19:35	1
Chloroethane	**45**		1.0	0.36	ug/L			10/26/17 19:35	1
Chloroform	ND		1.0	0.23	ug/L			10/26/17 19:35	1
Chloromethane	ND		1.0	0.36	ug/L			10/26/17 19:35	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/26/17 19:35	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 19:35	1
Cyclohexane	ND		5.0	0.13	ug/L			10/26/17 19:35	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/26/17 19:35	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/26/17 19:35	1
Ethylbenzene	**0.19**	**J**	1.0	0.19	ug/L			10/26/17 19:35	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/26/17 19:35	1
Methyl acetate	ND		10	0.58	ug/L			10/26/17 19:35	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/26/17 19:35	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/26/17 19:35	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/26/17 19:35	1
Styrene	ND		1.0	0.28	ug/L			10/26/17 19:35	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/26/17 19:35	1
Toluene	**0.25**	**J**	1.0	0.17	ug/L			10/26/17 19:35	1
trans-1,2-Dichloroethene	**0.34**	**J**	1.0	0.23	ug/L			10/26/17 19:35	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 19:35	1
Trichloroethene	ND		1.0	0.20	ug/L			10/26/17 19:35	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/26/17 19:35	1
Vinyl chloride	ND		1.0	0.18	ug/L			10/26/17 19:35	1
Xylenes, Total	**0.67**	**J**	3.0	0.58	ug/L			10/26/17 19:35	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: GWCT
Date Collected: 10/23/17 08:40
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130		10/26/17 19:35	1
4-Bromofluorobenzene (Surr)	103		70 - 130		10/26/17 19:35	1
Toluene-d8 (Surr)	130		70 - 130		10/26/17 19:35	1
Dibromofluoromethane (Surr)	80		70 - 130		10/26/17 19:35	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-2
Date Collected: 10/23/17 09:58
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 20:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/26/17 20:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/26/17 20:01	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 20:01	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/26/17 20:01	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/26/17 20:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/26/17 20:01	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/26/17 20:01	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/26/17 20:01	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/26/17 20:01	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/26/17 20:01	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/26/17 20:01	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/26/17 20:01	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/26/17 20:01	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/26/17 20:01	1
2-Hexanone	ND		10	1.3	ug/L			10/26/17 20:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/26/17 20:01	1
Acetone	**2.9**	**J ***	25	2.7	ug/L			10/26/17 20:01	1
Benzene	ND		1.0	0.20	ug/L			10/26/17 20:01	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/26/17 20:01	1
Bromoform	ND		1.0	0.29	ug/L			10/26/17 20:01	1
Bromomethane	ND		1.0	0.35	ug/L			10/26/17 20:01	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/26/17 20:01	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/26/17 20:01	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/26/17 20:01	1
Chloroethane	**3.5**		1.0	0.36	ug/L			10/26/17 20:01	1
Chloroform	ND		1.0	0.23	ug/L			10/26/17 20:01	1
Chloromethane	ND		1.0	0.36	ug/L			10/26/17 20:01	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/26/17 20:01	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 20:01	1
Cyclohexane	ND		5.0	0.13	ug/L			10/26/17 20:01	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/26/17 20:01	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/26/17 20:01	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/26/17 20:01	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/26/17 20:01	1
Methyl acetate	ND		10	0.58	ug/L			10/26/17 20:01	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/26/17 20:01	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/26/17 20:01	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/26/17 20:01	1
Styrene	ND		1.0	0.28	ug/L			10/26/17 20:01	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/26/17 20:01	1
Toluene	ND		1.0	0.17	ug/L			10/26/17 20:01	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/26/17 20:01	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 20:01	1
Trichloroethene	ND		1.0	0.20	ug/L			10/26/17 20:01	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/26/17 20:01	1
Vinyl chloride	ND		1.0	0.18	ug/L			10/26/17 20:01	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/26/17 20:01	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-2
Date Collected: 10/23/17 09:58
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 130		10/26/17 20:01	1
4-Bromofluorobenzene (Surr)	105		70 - 130		10/26/17 20:01	1
Toluene-d8 (Surr)	107		70 - 130		10/26/17 20:01	1
Dibromofluoromethane (Surr)	92		70 - 130		10/26/17 20:01	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-12
Date Collected: 10/23/17 11:15
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 20:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/26/17 20:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/26/17 20:26	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 20:26	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/26/17 20:26	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/26/17 20:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/26/17 20:26	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/26/17 20:26	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/26/17 20:26	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/26/17 20:26	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/26/17 20:26	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/26/17 20:26	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/26/17 20:26	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/26/17 20:26	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/26/17 20:26	1
2-Hexanone	ND		10	1.3	ug/L			10/26/17 20:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/26/17 20:26	1
Acetone	**5.4**	**J ***	25	2.7	ug/L			10/26/17 20:26	1
Benzene	**0.59**	**J**	1.0	0.20	ug/L			10/26/17 20:26	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/26/17 20:26	1
Bromoform	ND		1.0	0.29	ug/L			10/26/17 20:26	1
Bromomethane	ND		1.0	0.35	ug/L			10/26/17 20:26	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/26/17 20:26	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/26/17 20:26	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/26/17 20:26	1
Chloroethane	**6.8**		1.0	0.36	ug/L			10/26/17 20:26	1
Chloroform	ND		1.0	0.23	ug/L			10/26/17 20:26	1
Chloromethane	ND		1.0	0.36	ug/L			10/26/17 20:26	1
cis-1,2-Dichloroethene	**0.24**	**J**	1.0	0.21	ug/L			10/26/17 20:26	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 20:26	1
Cyclohexane	ND		5.0	0.13	ug/L			10/26/17 20:26	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/26/17 20:26	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/26/17 20:26	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/26/17 20:26	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/26/17 20:26	1
Methyl acetate	ND		10	0.58	ug/L			10/26/17 20:26	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/26/17 20:26	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/26/17 20:26	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/26/17 20:26	1
Styrene	ND		1.0	0.28	ug/L			10/26/17 20:26	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/26/17 20:26	1
Toluene	ND		1.0	0.17	ug/L			10/26/17 20:26	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/26/17 20:26	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 20:26	1
Trichloroethene	ND		1.0	0.20	ug/L			10/26/17 20:26	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/26/17 20:26	1
Vinyl chloride	**2.9**		1.0	0.18	ug/L			10/26/17 20:26	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/26/17 20:26	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-12
Date Collected: 10/23/17 11:15
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 130		10/26/17 20:26	1
4-Bromofluorobenzene (Surr)	102		70 - 130		10/26/17 20:26	1
Toluene-d8 (Surr)	106		70 - 130		10/26/17 20:26	1
Dibromofluoromethane (Surr)	82		70 - 130		10/26/17 20:26	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-3
Date Collected: 10/23/17 12:45
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/26/17 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/26/17 20:52	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 20:52	1
1,1-Dichloroethane	**7.8**		1.0	0.24	ug/L			10/26/17 20:52	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/26/17 20:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/26/17 20:52	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/26/17 20:52	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/26/17 20:52	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/26/17 20:52	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/26/17 20:52	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/26/17 20:52	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/26/17 20:52	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/26/17 20:52	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/26/17 20:52	1
2-Hexanone	ND		10	1.3	ug/L			10/26/17 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/26/17 20:52	1
Acetone	**4.0**	**J ***	25	2.7	ug/L			10/26/17 20:52	1
Benzene	ND		1.0	0.20	ug/L			10/26/17 20:52	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/26/17 20:52	1
Bromoform	ND		1.0	0.29	ug/L			10/26/17 20:52	1
Bromomethane	ND		1.0	0.35	ug/L			10/26/17 20:52	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/26/17 20:52	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/26/17 20:52	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/26/17 20:52	1
Chloroethane	**1.4**		1.0	0.36	ug/L			10/26/17 20:52	1
Chloroform	ND		1.0	0.23	ug/L			10/26/17 20:52	1
Chloromethane	ND		1.0	0.36	ug/L			10/26/17 20:52	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.21	ug/L			10/26/17 20:52	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 20:52	1
Cyclohexane	ND		5.0	0.13	ug/L			10/26/17 20:52	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/26/17 20:52	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/26/17 20:52	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/26/17 20:52	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/26/17 20:52	1
Methyl acetate	ND		10	0.58	ug/L			10/26/17 20:52	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/26/17 20:52	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/26/17 20:52	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/26/17 20:52	1
Styrene	ND		1.0	0.28	ug/L			10/26/17 20:52	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/26/17 20:52	1
Toluene	ND		1.0	0.17	ug/L			10/26/17 20:52	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/26/17 20:52	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 20:52	1
Trichloroethene	ND		1.0	0.20	ug/L			10/26/17 20:52	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/26/17 20:52	1
Vinyl chloride	**11**		1.0	0.18	ug/L			10/26/17 20:52	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/26/17 20:52	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-3
Date Collected: 10/23/17 12:45
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		10/26/17 20:52	1
4-Bromofluorobenzene (Surr)	105		70 - 130		10/26/17 20:52	1
Toluene-d8 (Surr)	124		70 - 130		10/26/17 20:52	1
Dibromofluoromethane (Surr)	91		70 - 130		10/26/17 20:52	1

Client Sample ID: DPT-7

Date Collected: 10/23/17 13:50
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/28/17 08:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/28/17 08:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/28/17 08:55	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/28/17 08:55	1
1,1-Dichloroethane	**67**		1.0	0.24	ug/L			10/28/17 08:55	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/28/17 08:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/28/17 08:55	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/28/17 08:55	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/28/17 08:55	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/28/17 08:55	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/28/17 08:55	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/28/17 08:55	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/28/17 08:55	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/28/17 08:55	1
2-Butanone (MEK)	**67**		50	2.6	ug/L			10/28/17 08:55	1
2-Hexanone	ND		10	1.3	ug/L			10/28/17 08:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/28/17 08:55	1
Acetone	**30**		25	2.7	ug/L			10/28/17 08:55	1
Benzene	**0.66**	**J**	1.0	0.20	ug/L			10/28/17 08:55	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/28/17 08:55	1
Bromoform	ND		1.0	0.29	ug/L			10/28/17 08:55	1
Bromomethane	ND		1.0	0.35	ug/L			10/28/17 08:55	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/28/17 08:55	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/28/17 08:55	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/28/17 08:55	1
Chloroethane	**340**		1.0	0.36	ug/L			10/28/17 08:55	1
Chloroform	ND		1.0	0.23	ug/L			10/28/17 08:55	1
Chloromethane	ND		1.0	0.36	ug/L			10/28/17 08:55	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.21	ug/L			10/28/17 08:55	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/28/17 08:55	1
Cyclohexane	ND		5.0	0.13	ug/L			10/28/17 08:55	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/28/17 08:55	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/28/17 08:55	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/28/17 08:55	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/28/17 08:55	1
Methyl acetate	ND		10	0.58	ug/L			10/28/17 08:55	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/28/17 08:55	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/28/17 08:55	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/28/17 08:55	1
Styrene	ND		1.0	0.28	ug/L			10/28/17 08:55	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/28/17 08:55	1
Toluene	**2.0**		1.0	0.17	ug/L			10/28/17 08:55	1
trans-1,2-Dichloroethene	**1.3**		1.0	0.23	ug/L			10/28/17 08:55	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/28/17 08:55	1
Trichloroethene	**0.46**	**J**	1.0	0.20	ug/L			10/28/17 08:55	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			10/28/17 08:55	1
Vinyl chloride	**25**		1.0	0.18	ug/L			10/28/17 08:55	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/28/17 08:55	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-7
Date Collected: 10/23/17 13:50
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 130		10/28/17 08:55	1
4-Bromofluorobenzene (Surr)	106		70 - 130		10/28/17 08:55	1
Toluene-d8 (Surr)	106		70 - 130		10/28/17 08:55	1
Dibromofluoromethane (Surr)	109		70 - 130		10/28/17 08:55	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-8
Date Collected: 10/23/17 14:15
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.8**		1.0	0.19	ug/L			10/28/17 05:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/28/17 05:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/28/17 05:52	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/28/17 05:52	1
1,1-Dichloroethane	**4.4**		1.0	0.24	ug/L			10/28/17 05:52	1
1,1-Dichloroethene	**1.6**		1.0	0.25	ug/L			10/28/17 05:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/28/17 05:52	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/28/17 05:52	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/28/17 05:52	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/28/17 05:52	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/28/17 05:52	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/28/17 05:52	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/28/17 05:52	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/28/17 05:52	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/28/17 05:52	1
2-Hexanone	ND		10	1.3	ug/L			10/28/17 05:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/28/17 05:52	1
Acetone	ND		25	2.7	ug/L			10/28/17 05:52	1
Benzene	ND		1.0	0.20	ug/L			10/28/17 05:52	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/28/17 05:52	1
Bromoform	ND		1.0	0.29	ug/L			10/28/17 05:52	1
Bromomethane	ND		1.0	0.35	ug/L			10/28/17 05:52	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/28/17 05:52	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/28/17 05:52	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/28/17 05:52	1
Chloroethane	**1.8**		1.0	0.36	ug/L			10/28/17 05:52	1
Chloroform	ND		1.0	0.23	ug/L			10/28/17 05:52	1
Chloromethane	ND		1.0	0.36	ug/L			10/28/17 05:52	1
cis-1,2-Dichloroethene	**110**		1.0	0.21	ug/L			10/28/17 05:52	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/28/17 05:52	1
Cyclohexane	ND		5.0	0.13	ug/L			10/28/17 05:52	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/28/17 05:52	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/28/17 05:52	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/28/17 05:52	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/28/17 05:52	1
Methyl acetate	ND		10	0.58	ug/L			10/28/17 05:52	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/28/17 05:52	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/28/17 05:52	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/28/17 05:52	1
Styrene	ND		1.0	0.28	ug/L			10/28/17 05:52	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/28/17 05:52	1
Toluene	ND		1.0	0.17	ug/L			10/28/17 05:52	1
trans-1,2-Dichloroethene	**0.99**	**J**	1.0	0.23	ug/L			10/28/17 05:52	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/28/17 05:52	1
Trichloroethene	**6.6**		1.0	0.20	ug/L			10/28/17 05:52	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			10/28/17 05:52	1
Vinyl chloride	ND		1.0	0.18	ug/L			10/28/17 05:52	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/28/17 05:52	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-8
Date Collected: 10/23/17 14:15
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		10/28/17 05:52	1
4-Bromofluorobenzene (Surr)	105		70 - 130		10/28/17 05:52	1
Toluene-d8 (Surr)	104		70 - 130		10/28/17 05:52	1
Dibromofluoromethane (Surr)	107		70 - 130		10/28/17 05:52	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-2
Date Collected: 10/23/17 13:20
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 21:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/26/17 21:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/26/17 21:17	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/26/17 21:17	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/26/17 21:17	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/26/17 21:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/26/17 21:17	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/26/17 21:17	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/26/17 21:17	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/26/17 21:17	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/26/17 21:17	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/26/17 21:17	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/26/17 21:17	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/26/17 21:17	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/26/17 21:17	1
2-Hexanone	ND		10	1.3	ug/L			10/26/17 21:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/26/17 21:17	1
Acetone	**3.4**	**J ***	25	2.7	ug/L			10/26/17 21:17	1
Benzene	ND		1.0	0.20	ug/L			10/26/17 21:17	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/26/17 21:17	1
Bromoform	ND		1.0	0.29	ug/L			10/26/17 21:17	1
Bromomethane	ND		1.0	0.35	ug/L			10/26/17 21:17	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/26/17 21:17	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/26/17 21:17	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/26/17 21:17	1
Chloroethane	**3.2**		1.0	0.36	ug/L			10/26/17 21:17	1
Chloroform	ND		1.0	0.23	ug/L			10/26/17 21:17	1
Chloromethane	ND		1.0	0.36	ug/L			10/26/17 21:17	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/26/17 21:17	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 21:17	1
Cyclohexane	ND		5.0	0.13	ug/L			10/26/17 21:17	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/26/17 21:17	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/26/17 21:17	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/26/17 21:17	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/26/17 21:17	1
Methyl acetate	ND		10	0.58	ug/L			10/26/17 21:17	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/26/17 21:17	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/26/17 21:17	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/26/17 21:17	1
Styrene	ND		1.0	0.28	ug/L			10/26/17 21:17	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/26/17 21:17	1
Toluene	ND		1.0	0.17	ug/L			10/26/17 21:17	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/26/17 21:17	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/26/17 21:17	1
Trichloroethene	ND		1.0	0.20	ug/L			10/26/17 21:17	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/26/17 21:17	1
Vinyl chloride	**0.85**	**J**	1.0	0.18	ug/L			10/26/17 21:17	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/26/17 21:17	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-2
Date Collected: 10/23/17 13:20
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		10/26/17 21:17	1
4-Bromofluorobenzene (Surr)	94		70 - 130		10/26/17 21:17	1
Toluene-d8 (Surr)	104		70 - 130		10/26/17 21:17	1
Dibromofluoromethane (Surr)	103		70 - 130		10/26/17 21:17	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-4
Date Collected: 10/23/17 14:45
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	9.5	ug/L			10/28/17 08:02	50
1,1,2,2-Tetrachloroethane	ND		50	9.5	ug/L			10/28/17 08:02	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	7.5	ug/L			10/28/17 08:02	50
1,1,2-Trichloroethane	ND		50	9.5	ug/L			10/28/17 08:02	50
1,1-Dichloroethane	**22**	**J**	50	12	ug/L			10/28/17 08:02	50
1,1-Dichloroethene	**34**	**J**	50	13	ug/L			10/28/17 08:02	50
1,2,4-Trichlorobenzene	ND		50	10	ug/L			10/28/17 08:02	50
1,2-Dibromo-3-Chloropropane	ND		500	47	ug/L			10/28/17 08:02	50
1,2-Dibromoethane	ND		50	11	ug/L			10/28/17 08:02	50
1,2-Dichlorobenzene	ND		50	9.5	ug/L			10/28/17 08:02	50
1,2-Dichloroethane	ND		50	10	ug/L			10/28/17 08:02	50
1,2-Dichloropropane	ND		50	13	ug/L			10/28/17 08:02	50
1,3-Dichlorobenzene	ND		50	9.0	ug/L			10/28/17 08:02	50
1,4-Dichlorobenzene	ND		50	8.5	ug/L			10/28/17 08:02	50
2-Butanone (MEK)	ND		2500	130	ug/L			10/28/17 08:02	50
2-Hexanone	ND		500	64	ug/L			10/28/17 08:02	50
4-Methyl-2-pentanone (MIBK)	ND		500	41	ug/L			10/28/17 08:02	50
Acetone	ND		1300	130	ug/L			10/28/17 08:02	50
Benzene	ND		50	10	ug/L			10/28/17 08:02	50
Bromodichloromethane	ND		50	8.5	ug/L			10/28/17 08:02	50
Bromoform	ND		50	15	ug/L			10/28/17 08:02	50
Bromomethane	ND		50	18	ug/L			10/28/17 08:02	50
Carbon disulfide	ND		50	11	ug/L			10/28/17 08:02	50
Carbon tetrachloride	ND		50	9.0	ug/L			10/28/17 08:02	50
Chlorobenzene	ND		50	9.0	ug/L			10/28/17 08:02	50
Chloroethane	ND		50	18	ug/L			10/28/17 08:02	50
Chloroform	ND		50	12	ug/L			10/28/17 08:02	50
Chloromethane	ND		50	18	ug/L			10/28/17 08:02	50
cis-1,2-Dichloroethene	**6000**		50	11	ug/L			10/28/17 08:02	50
cis-1,3-Dichloropropene	ND		50	8.5	ug/L			10/28/17 08:02	50
Cyclohexane	ND		250	6.5	ug/L			10/28/17 08:02	50
Dibromochloromethane	ND		50	13	ug/L			10/28/17 08:02	50
Dichlorodifluoromethane	ND		50	8.5	ug/L			10/28/17 08:02	50
Ethylbenzene	ND		50	9.5	ug/L			10/28/17 08:02	50
Isopropylbenzene	ND		50	17	ug/L			10/28/17 08:02	50
Methyl acetate	ND		500	29	ug/L			10/28/17 08:02	50
Methyl tert-butyl ether	ND		50	8.5	ug/L			10/28/17 08:02	50
Methylcyclohexane	ND		250	4.5	ug/L			10/28/17 08:02	50
Methylene Chloride	ND		250	50	ug/L			10/28/17 08:02	50
Styrene	ND		50	14	ug/L			10/28/17 08:02	50
Tetrachloroethene	ND		50	7.0	ug/L			10/28/17 08:02	50
Toluene	ND		50	8.5	ug/L			10/28/17 08:02	50
trans-1,2-Dichloroethene	ND		50	12	ug/L			10/28/17 08:02	50
trans-1,3-Dichloropropene	ND		50	8.5	ug/L			10/28/17 08:02	50
Trichloroethene	**13**	**J**	50	10	ug/L			10/28/17 08:02	50
Trichlorofluoromethane	ND	*	50	11	ug/L			10/28/17 08:02	50
Vinyl chloride	**3700**		50	9.0	ug/L			10/28/17 08:02	50
Xylenes, Total	ND		150	29	ug/L			10/28/17 08:02	50

Client Sample Results

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-4
Date Collected: 10/23/17 14:45
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*10/28/17 08:02*	*50*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*10/28/17 08:02*	*50*
Toluene-d8 (Surr)	*104*		*70 - 130*		*10/28/17 08:02*	*50*
Dibromofluoromethane (Surr)	*116*		*70 - 130*		*10/28/17 08:02*	*50*

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-4
Date Collected: 10/23/17 16:40
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.95	ug/L			10/28/17 06:44	5
1,1,2,2-Tetrachloroethane	ND		5.0	0.95	ug/L			10/28/17 06:44	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.75	ug/L			10/28/17 06:44	5
1,1,2-Trichloroethane	ND		5.0	0.95	ug/L			10/28/17 06:44	5
1,1-Dichloroethane	**31**		5.0	1.2	ug/L			10/28/17 06:44	5
1,1-Dichloroethene	ND		5.0	1.3	ug/L			10/28/17 06:44	5
1,2,4-Trichlorobenzene	ND		5.0	1.0	ug/L			10/28/17 06:44	5
1,2-Dibromo-3-Chloropropane	ND		50	4.7	ug/L			10/28/17 06:44	5
1,2-Dibromoethane	ND		5.0	1.1	ug/L			10/28/17 06:44	5
1,2-Dichlorobenzene	ND		5.0	0.95	ug/L			10/28/17 06:44	5
1,2-Dichloroethane	ND		5.0	1.0	ug/L			10/28/17 06:44	5
1,2-Dichloropropane	ND		5.0	1.3	ug/L			10/28/17 06:44	5
1,3-Dichlorobenzene	ND		5.0	0.90	ug/L			10/28/17 06:44	5
1,4-Dichlorobenzene	ND		5.0	0.85	ug/L			10/28/17 06:44	5
2-Butanone (MEK)	**240**	**J**	250	13	ug/L			10/28/17 06:44	5
2-Hexanone	ND		50	6.4	ug/L			10/28/17 06:44	5
4-Methyl-2-pentanone (MIBK)	ND		50	4.1	ug/L			10/28/17 06:44	5
Acetone	**130**		130	13	ug/L			10/28/17 06:44	5
Benzene	**3.4**	**J**	5.0	1.0	ug/L			10/28/17 06:44	5
Bromodichloromethane	ND		5.0	0.85	ug/L			10/28/17 06:44	5
Bromoform	ND		5.0	1.5	ug/L			10/28/17 06:44	5
Bromomethane	ND		5.0	1.8	ug/L			10/28/17 06:44	5
Carbon disulfide	ND		5.0	1.1	ug/L			10/28/17 06:44	5
Carbon tetrachloride	ND		5.0	0.90	ug/L			10/28/17 06:44	5
Chlorobenzene	ND		5.0	0.90	ug/L			10/28/17 06:44	5
Chloroethane	**600**		5.0	1.8	ug/L			10/28/17 06:44	5
Chloroform	ND		5.0	1.2	ug/L			10/28/17 06:44	5
Chloromethane	ND		5.0	1.8	ug/L			10/28/17 06:44	5
cis-1,2-Dichloroethene	**6.8**		5.0	1.1	ug/L			10/28/17 06:44	5
cis-1,3-Dichloropropene	ND		5.0	0.85	ug/L			10/28/17 06:44	5
Cyclohexane	ND		25	0.65	ug/L			10/28/17 06:44	5
Dibromochloromethane	ND		5.0	1.3	ug/L			10/28/17 06:44	5
Dichlorodifluoromethane	ND		5.0	0.85	ug/L			10/28/17 06:44	5
Ethylbenzene	ND		5.0	0.95	ug/L			10/28/17 06:44	5
Isopropylbenzene	ND		5.0	1.7	ug/L			10/28/17 06:44	5
Methyl acetate	ND		50	2.9	ug/L			10/28/17 06:44	5
Methyl tert-butyl ether	ND		5.0	0.85	ug/L			10/28/17 06:44	5
Methylcyclohexane	ND		25	0.45	ug/L			10/28/17 06:44	5
Methylene Chloride	ND		25	5.0	ug/L			10/28/17 06:44	5
Styrene	ND		5.0	1.4	ug/L			10/28/17 06:44	5
Tetrachloroethene	ND		5.0	0.70	ug/L			10/28/17 06:44	5
Toluene	**13**		5.0	0.85	ug/L			10/28/17 06:44	5
trans-1,2-Dichloroethene	**19**		5.0	1.2	ug/L			10/28/17 06:44	5
trans-1,3-Dichloropropene	ND		5.0	0.85	ug/L			10/28/17 06:44	5
Trichloroethene	ND		5.0	1.0	ug/L			10/28/17 06:44	5
Trichlorofluoromethane	ND	*	5.0	1.1	ug/L			10/28/17 06:44	5
Vinyl chloride	**18**		5.0	0.90	ug/L			10/28/17 06:44	5
Xylenes, Total	ND		15	2.9	ug/L			10/28/17 06:44	5

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-4
Date Collected: 10/23/17 16:40
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 130		10/28/17 06:44	5
4-Bromofluorobenzene (Surr)	105		70 - 130		10/28/17 06:44	5
Toluene-d8 (Surr)	104		70 - 130		10/28/17 06:44	5
Dibromofluoromethane (Surr)	111		70 - 130		10/28/17 06:44	5

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-8R
Date Collected: 10/24/17 09:35
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-10
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		10	1.9	ug/L			10/28/17 07:36	10
1,1,2,2-Tetrachloroethane	ND		10	1.9	ug/L			10/28/17 07:36	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	1.5	ug/L			10/28/17 07:36	10
1,1,2-Trichloroethane	ND		10	1.9	ug/L			10/28/17 07:36	10
1,1-Dichloroethane	**54**		10	2.4	ug/L			10/28/17 07:36	10
1,1-Dichloroethene	**2.7**	**J**	10	2.5	ug/L			10/28/17 07:36	10
1,2,4-Trichlorobenzene	ND		10	2.0	ug/L			10/28/17 07:36	10
1,2-Dibromo-3-Chloropropane	ND		100	9.4	ug/L			10/28/17 07:36	10
1,2-Dibromoethane	ND		10	2.1	ug/L			10/28/17 07:36	10
1,2-Dichlorobenzene	ND		10	1.9	ug/L			10/28/17 07:36	10
1,2-Dichloroethane	ND		10	2.0	ug/L			10/28/17 07:36	10
1,2-Dichloropropane	ND		10	2.5	ug/L			10/28/17 07:36	10
1,3-Dichlorobenzene	ND		10	1.8	ug/L			10/28/17 07:36	10
1,4-Dichlorobenzene	ND		10	1.7	ug/L			10/28/17 07:36	10
2-Butanone (MEK)	ND		500	26	ug/L			10/28/17 07:36	10
2-Hexanone	ND		100	13	ug/L			10/28/17 07:36	10
4-Methyl-2-pentanone (MIBK)	ND		100	8.1	ug/L			10/28/17 07:36	10
Acetone	ND		250	27	ug/L			10/28/17 07:36	10
Benzene	ND		10	2.0	ug/L			10/28/17 07:36	10
Bromodichloromethane	ND		10	1.7	ug/L			10/28/17 07:36	10
Bromoform	ND		10	2.9	ug/L			10/28/17 07:36	10
Bromomethane	ND		10	3.5	ug/L			10/28/17 07:36	10
Carbon disulfide	ND		10	2.2	ug/L			10/28/17 07:36	10
Carbon tetrachloride	ND		10	1.8	ug/L			10/28/17 07:36	10
Chlorobenzene	ND		10	1.8	ug/L			10/28/17 07:36	10
Chloroethane	**19**		10	3.6	ug/L			10/28/17 07:36	10
Chloroform	ND		10	2.3	ug/L			10/28/17 07:36	10
Chloromethane	ND		10	3.6	ug/L			10/28/17 07:36	10
cis-1,2-Dichloroethene	**500**		10	2.1	ug/L			10/28/17 07:36	10
cis-1,3-Dichloropropene	ND		10	1.7	ug/L			10/28/17 07:36	10
Cyclohexane	ND		50	1.3	ug/L			10/28/17 07:36	10
Dibromochloromethane	ND		10	2.5	ug/L			10/28/17 07:36	10
Dichlorodifluoromethane	ND		10	1.7	ug/L			10/28/17 07:36	10
Ethylbenzene	ND		10	1.9	ug/L			10/28/17 07:36	10
Isopropylbenzene	ND		10	3.3	ug/L			10/28/17 07:36	10
Methyl acetate	ND		100	5.8	ug/L			10/28/17 07:36	10
Methyl tert-butyl ether	ND		10	1.7	ug/L			10/28/17 07:36	10
Methylcyclohexane	ND		50	0.90	ug/L			10/28/17 07:36	10
Methylene Chloride	ND		50	10	ug/L			10/28/17 07:36	10
Styrene	ND		10	2.8	ug/L			10/28/17 07:36	10
Tetrachloroethene	ND		10	1.4	ug/L			10/28/17 07:36	10
Toluene	**23**		10	1.7	ug/L			10/28/17 07:36	10
trans-1,2-Dichloroethene	**5.5**	**J**	10	2.3	ug/L			10/28/17 07:36	10
trans-1,3-Dichloropropene	ND		10	1.7	ug/L			10/28/17 07:36	10
Trichloroethene	**7.7**	**J**	10	2.0	ug/L			10/28/17 07:36	10
Trichlorofluoromethane	ND	*	10	2.1	ug/L			10/28/17 07:36	10
Vinyl chloride	**1200**		10	1.8	ug/L			10/28/17 07:36	10
Xylenes, Total	ND		30	5.8	ug/L			10/28/17 07:36	10

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-8R
Date Collected: 10/24/17 09:35
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 130		10/28/17 07:36	10
4-Bromofluorobenzene (Surr)	105		70 - 130		10/28/17 07:36	10
Toluene-d8 (Surr)	103		70 - 130		10/28/17 07:36	10
Dibromofluoromethane (Surr)	109		70 - 130		10/28/17 07:36	10

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-13S
Date Collected: 10/24/17 10:55
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-11
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		5.0	0.95	ug/L			10/28/17 07:10	5
1,1,2,2-Tetrachloroethane	ND		5.0	0.95	ug/L			10/28/17 07:10	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	0.75	ug/L			10/28/17 07:10	5
1,1,2-Trichloroethane	ND		5.0	0.95	ug/L			10/28/17 07:10	5
1,1-Dichloroethane	**5.1**		5.0	1.2	ug/L			10/28/17 07:10	5
1,1-Dichloroethene	**3.5**	**J**	5.0	1.3	ug/L			10/28/17 07:10	5
1,2,4-Trichlorobenzene	ND		5.0	1.0	ug/L			10/28/17 07:10	5
1,2-Dibromo-3-Chloropropane	ND		50	4.7	ug/L			10/28/17 07:10	5
1,2-Dibromoethane	ND		5.0	1.1	ug/L			10/28/17 07:10	5
1,2-Dichlorobenzene	ND		5.0	0.95	ug/L			10/28/17 07:10	5
1,2-Dichloroethane	ND		5.0	1.0	ug/L			10/28/17 07:10	5
1,2-Dichloropropane	ND		5.0	1.3	ug/L			10/28/17 07:10	5
1,3-Dichlorobenzene	ND		5.0	0.90	ug/L			10/28/17 07:10	5
1,4-Dichlorobenzene	ND		5.0	0.85	ug/L			10/28/17 07:10	5
2-Butanone (MEK)	ND		250	13	ug/L			10/28/17 07:10	5
2-Hexanone	ND		50	6.4	ug/L			10/28/17 07:10	5
4-Methyl-2-pentanone (MIBK)	ND		50	4.1	ug/L			10/28/17 07:10	5
Acetone	ND		130	13	ug/L			10/28/17 07:10	5
Benzene	ND		5.0	1.0	ug/L			10/28/17 07:10	5
Bromodichloromethane	ND		5.0	0.85	ug/L			10/28/17 07:10	5
Bromoform	ND		5.0	1.5	ug/L			10/28/17 07:10	5
Bromomethane	ND		5.0	1.8	ug/L			10/28/17 07:10	5
Carbon disulfide	ND		5.0	1.1	ug/L			10/28/17 07:10	5
Carbon tetrachloride	ND		5.0	0.90	ug/L			10/28/17 07:10	5
Chlorobenzene	ND		5.0	0.90	ug/L			10/28/17 07:10	5
Chloroethane	**10**		5.0	1.8	ug/L			10/28/17 07:10	5
Chloroform	ND		5.0	1.2	ug/L			10/28/17 07:10	5
Chloromethane	ND		5.0	1.8	ug/L			10/28/17 07:10	5
cis-1,2-Dichloroethene	**630**		5.0	1.1	ug/L			10/28/17 07:10	5
cis-1,3-Dichloropropene	ND		5.0	0.85	ug/L			10/28/17 07:10	5
Cyclohexane	ND		25	0.65	ug/L			10/28/17 07:10	5
Dibromochloromethane	ND		5.0	1.3	ug/L			10/28/17 07:10	5
Dichlorodifluoromethane	ND		5.0	0.85	ug/L			10/28/17 07:10	5
Ethylbenzene	ND		5.0	0.95	ug/L			10/28/17 07:10	5
Isopropylbenzene	ND		5.0	1.7	ug/L			10/28/17 07:10	5
Methyl acetate	ND		50	2.9	ug/L			10/28/17 07:10	5
Methyl tert-butyl ether	ND		5.0	0.85	ug/L			10/28/17 07:10	5
Methylcyclohexane	ND		25	0.45	ug/L			10/28/17 07:10	5
Methylene Chloride	ND		25	5.0	ug/L			10/28/17 07:10	5
Styrene	ND		5.0	1.4	ug/L			10/28/17 07:10	5
Tetrachloroethene	ND		5.0	0.70	ug/L			10/28/17 07:10	5
Toluene	ND		5.0	0.85	ug/L			10/28/17 07:10	5
trans-1,2-Dichloroethene	ND		5.0	1.2	ug/L			10/28/17 07:10	5
trans-1,3-Dichloropropene	ND		5.0	0.85	ug/L			10/28/17 07:10	5
Trichloroethene	ND		5.0	1.0	ug/L			10/28/17 07:10	5
Trichlorofluoromethane	ND	*	5.0	1.1	ug/L			10/28/17 07:10	5
Vinyl chloride	**240**		5.0	0.90	ug/L			10/28/17 07:10	5
Xylenes, Total	ND		15	2.9	ug/L			10/28/17 07:10	5

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-13S
Date Collected: 10/24/17 10:55
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130		10/28/17 07:10	5
4-Bromofluorobenzene (Surr)	105		70 - 130		10/28/17 07:10	5
Toluene-d8 (Surr)	104		70 - 130		10/28/17 07:10	5
Dibromofluoromethane (Surr)	109		70 - 130		10/28/17 07:10	5

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-13D
Date Collected: 10/24/17 12:00
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-12
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	0.19	ug/L			10/27/17 14:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/27/17 14:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/27/17 14:18	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/27/17 14:18	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/27/17 14:18	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/27/17 14:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/27/17 14:18	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/27/17 14:18	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/27/17 14:18	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/27/17 14:18	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/27/17 14:18	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/27/17 14:18	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/27/17 14:18	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/27/17 14:18	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/27/17 14:18	1
2-Hexanone	ND		10	1.3	ug/L			10/27/17 14:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/27/17 14:18	1
Acetone	ND		25	2.7	ug/L			10/27/17 14:18	1
Benzene	ND		1.0	0.20	ug/L			10/27/17 14:18	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/27/17 14:18	1
Bromoform	ND		1.0	0.29	ug/L			10/27/17 14:18	1
Bromomethane	ND		1.0	0.35	ug/L			10/27/17 14:18	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/27/17 14:18	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/27/17 14:18	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/27/17 14:18	1
Chloroethane	**6.9**		1.0	0.36	ug/L			10/27/17 14:18	1
Chloroform	ND		1.0	0.23	ug/L			10/27/17 14:18	1
Chloromethane	ND		1.0	0.36	ug/L			10/27/17 14:18	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/27/17 14:18	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/27/17 14:18	1
Cyclohexane	ND		5.0	0.13	ug/L			10/27/17 14:18	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/27/17 14:18	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/27/17 14:18	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/27/17 14:18	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/27/17 14:18	1
Methyl acetate	ND		10	0.58	ug/L			10/27/17 14:18	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/27/17 14:18	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/27/17 14:18	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/27/17 14:18	1
Styrene	ND		1.0	0.28	ug/L			10/27/17 14:18	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/27/17 14:18	1
Toluene	ND		1.0	0.17	ug/L			10/27/17 14:18	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/27/17 14:18	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/27/17 14:18	1
Trichloroethene	ND		1.0	0.20	ug/L			10/27/17 14:18	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/27/17 14:18	1
Vinyl chloride	ND		1.0	0.18	ug/L			10/27/17 14:18	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/27/17 14:18	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-13D
Date Collected: 10/24/17 12:00
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		10/27/17 14:18	1
4-Bromofluorobenzene (Surr)	102		70 - 130		10/27/17 14:18	1
Toluene-d8 (Surr)	105		70 - 130		10/27/17 14:18	1
Dibromofluoromethane (Surr)	105		70 - 130		10/27/17 14:18	1

Client Sample ID: MW-16S
Date Collected: 10/24/17 12:45
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500	95	ug/L			10/28/17 08:28	500
1,1,2,2-Tetrachloroethane	ND		500	95	ug/L			10/28/17 08:28	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	75	ug/L			10/28/17 08:28	500
1,1,2-Trichloroethane	ND		500	95	ug/L			10/28/17 08:28	500
1,1-Dichloroethane	**430**	**J**	500	120	ug/L			10/28/17 08:28	500
1,1-Dichloroethene	ND		500	130	ug/L			10/28/17 08:28	500
1,2,4-Trichlorobenzene	ND		500	100	ug/L			10/28/17 08:28	500
1,2-Dibromo-3-Chloropropane	ND		5000	470	ug/L			10/28/17 08:28	500
1,2-Dibromoethane	ND		500	110	ug/L			10/28/17 08:28	500
1,2-Dichlorobenzene	ND		500	95	ug/L			10/28/17 08:28	500
1,2-Dichloroethane	ND		500	100	ug/L			10/28/17 08:28	500
1,2-Dichloropropane	ND		500	130	ug/L			10/28/17 08:28	500
1,3-Dichlorobenzene	ND		500	90	ug/L			10/28/17 08:28	500
1,4-Dichlorobenzene	ND		500	85	ug/L			10/28/17 08:28	500
2-Butanone (MEK)	ND		25000	1300	ug/L			10/28/17 08:28	500
2-Hexanone	ND		5000	640	ug/L			10/28/17 08:28	500
4-Methyl-2-pentanone (MIBK)	ND		5000	410	ug/L			10/28/17 08:28	500
Acetone	ND		13000	1300	ug/L			10/28/17 08:28	500
Benzene	ND		500	100	ug/L			10/28/17 08:28	500
Bromodichloromethane	ND		500	85	ug/L			10/28/17 08:28	500
Bromoform	ND		500	150	ug/L			10/28/17 08:28	500
Bromomethane	ND		500	180	ug/L			10/28/17 08:28	500
Carbon disulfide	ND		500	110	ug/L			10/28/17 08:28	500
Carbon tetrachloride	ND		500	90	ug/L			10/28/17 08:28	500
Chlorobenzene	ND		500	90	ug/L			10/28/17 08:28	500
Chloroethane	**1800**		500	180	ug/L			10/28/17 08:28	500
Chloroform	ND		500	120	ug/L			10/28/17 08:28	500
Chloromethane	ND		500	180	ug/L			10/28/17 08:28	500
cis-1,2-Dichloroethene	**14000**		500	110	ug/L			10/28/17 08:28	500
cis-1,3-Dichloropropene	ND		500	85	ug/L			10/28/17 08:28	500
Cyclohexane	ND		2500	65	ug/L			10/28/17 08:28	500
Dibromochloromethane	ND		500	130	ug/L			10/28/17 08:28	500
Dichlorodifluoromethane	ND		500	85	ug/L			10/28/17 08:28	500
Ethylbenzene	ND		500	95	ug/L			10/28/17 08:28	500
Isopropylbenzene	ND		500	170	ug/L			10/28/17 08:28	500
Methyl acetate	ND		5000	290	ug/L			10/28/17 08:28	500
Methyl tert-butyl ether	ND		500	85	ug/L			10/28/17 08:28	500
Methylcyclohexane	ND		2500	45	ug/L			10/28/17 08:28	500
Methylene Chloride	ND		2500	500	ug/L			10/28/17 08:28	500
Styrene	ND		500	140	ug/L			10/28/17 08:28	500
Tetrachloroethene	ND		500	70	ug/L			10/28/17 08:28	500
Toluene	**740**		500	85	ug/L			10/28/17 08:28	500
trans-1,2-Dichloroethene	ND		500	120	ug/L			10/28/17 08:28	500
trans-1,3-Dichloropropene	ND		500	85	ug/L			10/28/17 08:28	500
Trichloroethene	ND		500	100	ug/L			10/28/17 08:28	500
Trichlorofluoromethane	ND	*	500	110	ug/L			10/28/17 08:28	500
Vinyl chloride	**73000**		500	90	ug/L			10/28/17 08:28	500
Xylenes, Total	ND		1500	290	ug/L			10/28/17 08:28	500

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-16S
Date Collected: 10/24/17 12:45
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130		10/26/17 23:25	2000
1,2-Dichloroethane-d4 (Surr)	108		70 - 130		10/28/17 08:28	500
4-Bromofluorobenzene (Surr)	94		70 - 130		10/26/17 23:25	2000
4-Bromofluorobenzene (Surr)	104		70 - 130		10/28/17 08:28	500
Toluene-d8 (Surr)	95		70 - 130		10/26/17 23:25	2000
Toluene-d8 (Surr)	107		70 - 130		10/28/17 08:28	500
Dibromofluoromethane (Surr)	98		70 - 130		10/26/17 23:25	2000
Dibromofluoromethane (Surr)	113		70 - 130		10/28/17 08:28	500

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-16D
Date Collected: 10/24/17 13:50
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.19	ug/L			10/28/17 06:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/28/17 06:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/28/17 06:18	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/28/17 06:18	1
1,1-Dichloroethane	**6.0**		1.0	0.24	ug/L			10/28/17 06:18	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/28/17 06:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/28/17 06:18	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/28/17 06:18	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/28/17 06:18	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/28/17 06:18	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/28/17 06:18	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/28/17 06:18	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/28/17 06:18	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/28/17 06:18	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/28/17 06:18	1
2-Hexanone	ND		10	1.3	ug/L			10/28/17 06:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/28/17 06:18	1
Acetone	ND		25	2.7	ug/L			10/28/17 06:18	1
Benzene	ND		1.0	0.20	ug/L			10/28/17 06:18	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/28/17 06:18	1
Bromoform	ND		1.0	0.29	ug/L			10/28/17 06:18	1
Bromomethane	ND		1.0	0.35	ug/L			10/28/17 06:18	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/28/17 06:18	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/28/17 06:18	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/28/17 06:18	1
Chloroethane	**98**		1.0	0.36	ug/L			10/28/17 06:18	1
Chloroform	ND		1.0	0.23	ug/L			10/28/17 06:18	1
Chloromethane	ND		1.0	0.36	ug/L			10/28/17 06:18	1
cis-1,2-Dichloroethene	**9.6**		1.0	0.21	ug/L			10/28/17 06:18	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/28/17 06:18	1
Cyclohexane	ND		5.0	0.13	ug/L			10/28/17 06:18	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/28/17 06:18	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/28/17 06:18	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/28/17 06:18	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/28/17 06:18	1
Methyl acetate	ND		10	0.58	ug/L			10/28/17 06:18	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/28/17 06:18	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/28/17 06:18	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/28/17 06:18	1
Styrene	ND		1.0	0.28	ug/L			10/28/17 06:18	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/28/17 06:18	1
Toluene	**0.56**	**J**	1.0	0.17	ug/L			10/28/17 06:18	1
trans-1,2-Dichloroethene	**0.54**	**J**	1.0	0.23	ug/L			10/28/17 06:18	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/28/17 06:18	1
Trichloroethene	**0.74**	**J**	1.0	0.20	ug/L			10/28/17 06:18	1
Trichlorofluoromethane	ND	*	1.0	0.21	ug/L			10/28/17 06:18	1
Vinyl chloride	**24**		1.0	0.18	ug/L			10/28/17 06:18	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/28/17 06:18	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-16D
Date Collected: 10/24/17 13:50
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 130		10/28/17 06:18	1
4-Bromofluorobenzene (Surr)	106		70 - 130		10/28/17 06:18	1
Toluene-d8 (Surr)	104		70 - 130		10/28/17 06:18	1
Dibromofluoromethane (Surr)	113		70 - 130		10/28/17 06:18	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-3
Date Collected: 10/24/17 14:30
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	3.8	ug/L			10/26/17 22:09	20
1,1,2,2-Tetrachloroethane	ND		20	3.8	ug/L			10/26/17 22:09	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	3.0	ug/L			10/26/17 22:09	20
1,1,2-Trichloroethane	ND		20	3.8	ug/L			10/26/17 22:09	20
1,1-Dichloroethane	**34**		20	4.8	ug/L			10/26/17 22:09	20
1,1-Dichloroethene	**11**	**J**	20	5.0	ug/L			10/26/17 22:09	20
1,2,4-Trichlorobenzene	ND		20	4.0	ug/L			10/26/17 22:09	20
1,2-Dibromo-3-Chloropropane	ND		200	19	ug/L			10/26/17 22:09	20
1,2-Dibromoethane	ND		20	4.2	ug/L			10/26/17 22:09	20
1,2-Dichlorobenzene	ND		20	3.8	ug/L			10/26/17 22:09	20
1,2-Dichloroethane	ND		20	4.0	ug/L			10/26/17 22:09	20
1,2-Dichloropropane	ND		20	5.0	ug/L			10/26/17 22:09	20
1,3-Dichlorobenzene	ND		20	3.6	ug/L			10/26/17 22:09	20
1,4-Dichlorobenzene	ND		20	3.4	ug/L			10/26/17 22:09	20
2-Butanone (MEK)	ND		1000	53	ug/L			10/26/17 22:09	20
2-Hexanone	ND		200	26	ug/L			10/26/17 22:09	20
4-Methyl-2-pentanone (MIBK)	ND		200	16	ug/L			10/26/17 22:09	20
Acetone	ND	*	500	53	ug/L			10/26/17 22:09	20
Benzene	ND		20	4.0	ug/L			10/26/17 22:09	20
Bromodichloromethane	ND		20	3.4	ug/L			10/26/17 22:09	20
Bromoform	ND		20	5.8	ug/L			10/26/17 22:09	20
Bromomethane	ND		20	7.0	ug/L			10/26/17 22:09	20
Carbon disulfide	ND		20	4.4	ug/L			10/26/17 22:09	20
Carbon tetrachloride	ND		20	3.6	ug/L			10/26/17 22:09	20
Chlorobenzene	ND		20	3.6	ug/L			10/26/17 22:09	20
Chloroethane	**14**	**J**	20	7.2	ug/L			10/26/17 22:09	20
Chloroform	ND		20	4.6	ug/L			10/26/17 22:09	20
Chloromethane	ND		20	7.2	ug/L			10/26/17 22:09	20
cis-1,2-Dichloroethene	**1700**		20	4.2	ug/L			10/26/17 22:09	20
cis-1,3-Dichloropropene	ND		20	3.4	ug/L			10/26/17 22:09	20
Cyclohexane	ND		100	2.6	ug/L			10/26/17 22:09	20
Dibromochloromethane	ND		20	5.0	ug/L			10/26/17 22:09	20
Dichlorodifluoromethane	ND		20	3.4	ug/L			10/26/17 22:09	20
Ethylbenzene	ND		20	3.8	ug/L			10/26/17 22:09	20
Isopropylbenzene	ND		20	6.6	ug/L			10/26/17 22:09	20
Methyl acetate	ND		200	12	ug/L			10/26/17 22:09	20
Methyl tert-butyl ether	ND		20	3.4	ug/L			10/26/17 22:09	20
Methylcyclohexane	ND		100	1.8	ug/L			10/26/17 22:09	20
Methylene Chloride	ND		100	20	ug/L			10/26/17 22:09	20
Styrene	ND		20	5.6	ug/L			10/26/17 22:09	20
Tetrachloroethene	ND		20	2.8	ug/L			10/26/17 22:09	20
Toluene	ND		20	3.4	ug/L			10/26/17 22:09	20
trans-1,2-Dichloroethene	**19**	**J**	20	4.6	ug/L			10/26/17 22:09	20
trans-1,3-Dichloropropene	ND		20	3.4	ug/L			10/26/17 22:09	20
Trichloroethene	**430**		20	4.0	ug/L			10/26/17 22:09	20
Trichlorofluoromethane	ND		20	4.2	ug/L			10/26/17 22:09	20
Vinyl chloride	**430**		20	3.6	ug/L			10/26/17 22:09	20
Xylenes, Total	ND		60	12	ug/L			10/26/17 22:09	20

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-3
Date Collected: 10/24/17 14:30
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		70 - 130		10/26/17 22:09	20
4-Bromofluorobenzene (Surr)	121		70 - 130		10/26/17 22:09	20
Toluene-d8 (Surr)	105		70 - 130		10/26/17 22:09	20
Dibromofluoromethane (Surr)	108		70 - 130		10/26/17 22:09	20

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: Trip Blank
Date Collected: 10/24/17 14:30
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-16
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	0.19	ug/L			10/27/17 12:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/27/17 12:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.15	ug/L			10/27/17 12:59	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/L			10/27/17 12:59	1
1,1-Dichloroethane	ND		1.0	0.24	ug/L			10/27/17 12:59	1
1,1-Dichloroethene	ND		1.0	0.25	ug/L			10/27/17 12:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.20	ug/L			10/27/17 12:59	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			10/27/17 12:59	1
1,2-Dibromoethane	ND		1.0	0.21	ug/L			10/27/17 12:59	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			10/27/17 12:59	1
1,2-Dichloroethane	ND		1.0	0.20	ug/L			10/27/17 12:59	1
1,2-Dichloropropane	ND		1.0	0.25	ug/L			10/27/17 12:59	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/L			10/27/17 12:59	1
1,4-Dichlorobenzene	ND		1.0	0.17	ug/L			10/27/17 12:59	1
2-Butanone (MEK)	ND		50	2.6	ug/L			10/27/17 12:59	1
2-Hexanone	ND		10	1.3	ug/L			10/27/17 12:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.81	ug/L			10/27/17 12:59	1
Acetone	ND		25	2.7	ug/L			10/27/17 12:59	1
Benzene	ND		1.0	0.20	ug/L			10/27/17 12:59	1
Bromodichloromethane	ND		1.0	0.17	ug/L			10/27/17 12:59	1
Bromoform	ND		1.0	0.29	ug/L			10/27/17 12:59	1
Bromomethane	ND		1.0	0.35	ug/L			10/27/17 12:59	1
Carbon disulfide	ND		1.0	0.22	ug/L			10/27/17 12:59	1
Carbon tetrachloride	ND		1.0	0.18	ug/L			10/27/17 12:59	1
Chlorobenzene	ND		1.0	0.18	ug/L			10/27/17 12:59	1
Chloroethane	ND		1.0	0.36	ug/L			10/27/17 12:59	1
Chloroform	ND		1.0	0.23	ug/L			10/27/17 12:59	1
Chloromethane	ND		1.0	0.36	ug/L			10/27/17 12:59	1
cis-1,2-Dichloroethene	ND		1.0	0.21	ug/L			10/27/17 12:59	1
cis-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/27/17 12:59	1
Cyclohexane	ND		5.0	0.13	ug/L			10/27/17 12:59	1
Dibromochloromethane	ND		1.0	0.25	ug/L			10/27/17 12:59	1
Dichlorodifluoromethane	ND		1.0	0.17	ug/L			10/27/17 12:59	1
Ethylbenzene	ND		1.0	0.19	ug/L			10/27/17 12:59	1
Isopropylbenzene	ND		1.0	0.33	ug/L			10/27/17 12:59	1
Methyl acetate	ND		10	0.58	ug/L			10/27/17 12:59	1
Methyl tert-butyl ether	ND		1.0	0.17	ug/L			10/27/17 12:59	1
Methylcyclohexane	ND		5.0	0.090	ug/L			10/27/17 12:59	1
Methylene Chloride	ND		5.0	1.0	ug/L			10/27/17 12:59	1
Styrene	ND		1.0	0.28	ug/L			10/27/17 12:59	1
Tetrachloroethene	ND		1.0	0.14	ug/L			10/27/17 12:59	1
Toluene	ND		1.0	0.17	ug/L			10/27/17 12:59	1
trans-1,2-Dichloroethene	ND		1.0	0.23	ug/L			10/27/17 12:59	1
trans-1,3-Dichloropropene	ND		1.0	0.17	ug/L			10/27/17 12:59	1
Trichloroethene	ND		1.0	0.20	ug/L			10/27/17 12:59	1
Trichlorofluoromethane	ND		1.0	0.21	ug/L			10/27/17 12:59	1
Vinyl chloride	ND		1.0	0.18	ug/L			10/27/17 12:59	1
Xylenes, Total	ND		3.0	0.58	ug/L			10/27/17 12:59	1

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: Trip Blank
Date Collected: 10/24/17 14:30
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130		10/27/17 12:59	1
4-Bromofluorobenzene (Surr)	107		70 - 130		10/27/17 12:59	1
Toluene-d8 (Surr)	104		70 - 130		10/27/17 12:59	1
Dibromofluoromethane (Surr)	107		70 - 130		10/27/17 12:59	1

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-5
Date Collected: 10/19/17 15:10
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470265	10/24/17 21:55	SW1	TAL NSH
Total/NA	Analysis	8260C		25	470575	10/25/17 17:33	JJR	TAL NSH

Client Sample ID: DPT-1
Date Collected: 10/19/17 14:15
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470265	10/24/17 19:41	SW1	TAL NSH

Client Sample ID: MW-11
Date Collected: 10/20/17 11:15
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470265	10/24/17 20:08	SW1	TAL NSH

Client Sample ID: MW-10
Date Collected: 10/20/17 13:55
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470265	10/24/17 20:35	SW1	TAL NSH

Client Sample ID: Duplicate
Date Collected: 10/20/17 08:15
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470265	10/24/17 21:28	SW1	TAL NSH

Client Sample ID: MW-6
Date Collected: 10/20/17 14:20
Date Received: 10/20/17 17:20

Lab Sample ID: 480-126348-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470265	10/24/17 21:02	SW1	TAL NSH

Client Sample ID: Trip Blank
Lab Sample ID: 480-126348-7
Date Collected: 10/20/17 14:00
Matrix: Water
Date Received: 10/20/17 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470265	10/24/17 17:00	SW1	TAL NSH

Client Sample ID: Rinse Blank
Lab Sample ID: 480-126348-8
Date Collected: 10/20/17 15:40
Matrix: Water
Date Received: 10/20/17 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470265	10/24/17 17:27	SW1	TAL NSH

Client Sample ID: GWCT
Lab Sample ID: 480-126420-1
Date Collected: 10/23/17 08:40
Matrix: Water
Date Received: 10/24/17 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470926	10/26/17 19:35	RP	TAL NSH

Client Sample ID: MW-2
Lab Sample ID: 480-126420-2
Date Collected: 10/23/17 09:58
Matrix: Water
Date Received: 10/24/17 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470926	10/26/17 20:01	RP	TAL NSH

Client Sample ID: MW-12
Lab Sample ID: 480-126420-3
Date Collected: 10/23/17 11:15
Matrix: Water
Date Received: 10/24/17 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470926	10/26/17 20:26	RP	TAL NSH

Client Sample ID: MW-3
Lab Sample ID: 480-126420-4
Date Collected: 10/23/17 12:45
Matrix: Water
Date Received: 10/24/17 16:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470926	10/26/17 20:52	RP	TAL NSH

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: DPT-7
Date Collected: 10/23/17 13:50
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	471410	10/28/17 08:55	S1S	TAL NSH

Client Sample ID: DPT-8
Date Collected: 10/23/17 14:15
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	471410	10/28/17 05:52	S1S	TAL NSH

Client Sample ID: DPT-2
Date Collected: 10/23/17 13:20
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	470926	10/26/17 21:17	RP	TAL NSH

Client Sample ID: DPT-4
Date Collected: 10/23/17 14:45
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	471410	10/28/17 08:02	S1S	TAL NSH

Client Sample ID: MW-4
Date Collected: 10/23/17 16:40
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	471410	10/28/17 06:44	S1S	TAL NSH

Client Sample ID: MW-8R
Date Collected: 10/24/17 09:35
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	471410	10/28/17 07:36	S1S	TAL NSH

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Client Sample ID: MW-13S
Date Collected: 10/24/17 10:55
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	471410	10/28/17 07:10	S1S	TAL NSH

Client Sample ID: MW-13D
Date Collected: 10/24/17 12:00
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	471178	10/27/17 14:18	C1A	TAL NSH

Client Sample ID: MW-16S
Date Collected: 10/24/17 12:45
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2000	470926	10/26/17 23:25	RP	TAL NSH
Total/NA	Analysis	8260C		500	471410	10/28/17 08:28	S1S	TAL NSH

Client Sample ID: MW-16D
Date Collected: 10/24/17 13:50
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	471410	10/28/17 06:18	S1S	TAL NSH

Client Sample ID: DPT-3
Date Collected: 10/24/17 14:30
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	470926	10/26/17 22:09	RP	TAL NSH

Client Sample ID: Trip Blank
Date Collected: 10/24/17 14:30
Date Received: 10/24/17 16:24

Lab Sample ID: 480-126420-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	471178	10/27/17 12:59	C1A	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Accreditation/Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Laboratory: TestAmerica Nashville

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

Authority	Program	EPA Region	Identification Number	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	12-31-17
A2LA	ISO/IEC 17025		0453.07	12-31-17
Alaska (UST)	State Program	10	UST-087	01-01-18
Arizona	State Program	9	AZ0473	05-05-18
Arkansas DEQ	State Program	6	88-0737	04-25-18
California	State Program	9	2938	10-31-18
Connecticut	State Program	1	PH-0220	12-31-17
Florida	NELAP	4	E87358	06-30-18
Georgia	State Program	4	E87358(FL)/453.07(A2LA)	12-31-17
Illinois	NELAP	5	200010	12-09-17
Iowa	State Program	7	131	04-01-18
Kansas	NELAP	7	E-10229	10-31-17 *
Kentucky (UST)	State Program	4	19	06-30-18
Kentucky (WW)	State Program	4	90038	12-31-17
Louisiana	NELAP	6	30613	06-30-18
Maine	State Program	1	TN00032	11-03-17
Maryland	State Program	3	316	03-31-18
Massachusetts	State Program	1	M-TN032	06-30-18
Minnesota	NELAP	5	047-999-345	12-31-17
Mississippi	State Program	4	N/A	06-30-18
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-18
New Hampshire	NELAP	1	2963	10-09-17 *
New Jersey	NELAP	2	TN965	06-30-18
New York	NELAP	2	11342	03-31-18
North Carolina (WW/SW)	State Program	4	387	12-31-17
North Dakota	State Program	8	R-146	06-30-18
Ohio VAP	State Program	5	CL0033	07-06-19
Oklahoma	State Program	6	9412	08-31-18
Oregon	NELAP	10	TN200001	04-27-18
Pennsylvania	NELAP	3	68-00585	06-30-18
Rhode Island	State Program	1	LAO00268	12-30-17
South Carolina	State Program	4	84009 (001)	02-28-18
South Carolina (Do Not Use - DW)	State Program	4	84009 (002)	12-16-17
Tennessee	State Program	4	2008	02-23-20
Texas	NELAP	6	T104704077	08-31-18
USDA	Federal		P330-13-00306	12-01-19
Utah	NELAP	8	TN00032	07-31-18
Virginia	NELAP	3	460152	06-14-18
Washington	State Program	10	C789	07-19-18
West Virginia DEP	State Program	3	219	02-28-18
Wisconsin	State Program	5	998020430	08-31-18
Wyoming (UST)	A2LA	8	453.07	12-31-17

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

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

Protocol References:

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

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Sample Summary

Client: AECOM, Inc.
Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-126348-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-126348-1	DPT-5	Water	10/19/17 15:10	10/20/17 17:20
480-126348-2	DPT-1	Water	10/19/17 14:15	10/20/17 17:20
480-126348-3	MW-11	Water	10/20/17 11:15	10/20/17 17:20
480-126348-4	MW-10	Water	10/20/17 13:55	10/20/17 17:20
480-126348-5	Duplicate	Water	10/20/17 08:15	10/20/17 17:20
480-126348-6	MW-6	Water	10/20/17 14:20	10/20/17 17:20
480-126348-7	Trip Blank	Water	10/20/17 14:00	10/20/17 17:20
480-126348-8	Rinse Blank	Water	10/20/17 15:40	10/20/17 17:20
480-126420-1	GWCT	Water	10/23/17 08:40	10/24/17 16:24
480-126420-2	MW-2	Water	10/23/17 09:58	10/24/17 16:24
480-126420-3	MW-12	Water	10/23/17 11:15	10/24/17 16:24
480-126420-4	MW-3	Water	10/23/17 12:45	10/24/17 16:24
480-126420-5	DPT-7	Water	10/23/17 13:50	10/24/17 16:24
480-126420-6	DPT-8	Water	10/23/17 14:15	10/24/17 16:24
480-126420-7	DPT-2	Water	10/23/17 13:20	10/24/17 16:24
480-126420-8	DPT-4	Water	10/23/17 14:45	10/24/17 16:24
480-126420-9	MW-4	Water	10/23/17 16:40	10/24/17 16:24
480-126420-10	MW-8R	Water	10/24/17 09:35	10/24/17 16:24
480-126420-11	MW-13S	Water	10/24/17 10:55	10/24/17 16:24
480-126420-12	MW-13D	Water	10/24/17 12:00	10/24/17 16:24
480-126420-13	MW-16S	Water	10/24/17 12:45	10/24/17 16:24
480-126420-14	MW-16D	Water	10/24/17 13:50	10/24/17 16:24
480-126420-15	DPT-3	Water	10/24/17 14:30	10/24/17 16:24
480-126420-16	Trip Blank	Water	10/24/17 14:30	10/24/17 16:24

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-126348-1

Login Number: 126348
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

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

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-126348-1

Login Number: 126348
List Number: 2
Creator: Stewart, Eric S

List Source: TestAmerica Nashville
List Creation: 10/24/17 02:47 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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.	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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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: 480-126348-1

Login Number: 126420
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

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

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-126348-1

Login Number: 126420
List Number: 2
Creator: Stewart, Eric S

List Source: TestAmerica Nashville
List Creation: 10/26/17 04:27 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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.	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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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: 480-126348-1

Login Number: 126420
List Number: 3
Creator: Stewart, Eric S

List Source: TestAmerica Nashville
List Creation: 10/26/17 04:30 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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.	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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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: 480-126348-1

Login Number: 126420
List Number: 4
Creator: Stewart, Eric S

List Source: TestAmerica Nashville
List Creation: 10/26/17 04:34 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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.	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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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: 480-126348-1

Login Number: 126420
List Number: 5
Creator: Stewart, Eric S

List Source: TestAmerica Nashville
List Creation: 10/26/17 06:45 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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.	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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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	

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Sean P. Connelly	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-102257-3450.3
Client Contact: Mr. Dino Zack	Phone: (716) 393-0870	E-Mail: brian.fischer@testamericainc.com		Page: Page 3 of 3
Company: AECOM, Inc.				Job #:
Address: 257 West Genesee Street Suite 400	Due Date Requested:			
City: Buffalo	TAT Requested (days): STANDARD			
State, Zip: NY, 14202-2657				
Phone:	PO #: Purchase Order not requir			
Email: dino.zack@aecom.com	WO #:			
Project Name: Scott Aviation site	Project #: 48002539			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

480-126348 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions
			Preservation Code:				A		
~~DPT-8~~ DPT-5	10/19/17	1510	G	Water	N	N	3		
DPT-1	10/19/17	1415	G	H_2O	N	N	3		
MW-11	10/20/17	1115	G	H_2O	N	N	3		
MW-10	10/20/17	1355	G	H_2O	N	N	3		
Duplicate	10/20/17	815	G	H_2O	N	N	3		
MW-6	10/20/17	1420	G	H_2O	N	N	3		
Trip Blank	10/20/17	1400	G	H_2O	N	N	1		
Rinse Blank	10/20/17	1540	G	H_2O	N	N	3		

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Sean P. Connelly	10/20/17 520	AECOM	C Watts	10/20/17 1720	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1 #1

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Sean P. Connolly	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-102257-3450.3
Client Contact: Mr. Dino Zack	Phone: (716) 393 0870	E-Mail: brian.fischer@testamericainc.com		Page: Page 3 of 3
Company: AECOM, Inc.				Job #:
Address: 257 West Genesee Street Suite 400	Due Date Requested:			
City: Buffalo	TAT Requested (days): STANDARD			
State, Zip: NY, 14202-2657				
Phone:	PO #: Purchase Order not requir			
Email: dino.zack@aecom.com	WO #:			
Project Name: Scott Aviation site	Project #: 48002539			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
ate
480-126420 COC
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
~~SPT-8~~ DPT-8									
MW-13S	10/24/17	1055	G	Water	N	N	3		
MW-13D	10/24/17	1200	G	H_2O	N	N	3		
MW-16S	10/24/17	1245	G	H_2O	N	N	3		
MW-16D	10/24/17	1350	G	H_2O	N	N	3		
DPT-3	10/24/17	1430	G	H_2O	N	N	3		
TRIP Blank	10/24/17	1430	G	H_2O	N	N	3		

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Sean P. Connolly	10/24/17 4:23 PM	Aecom		10-24-17 16:24	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1 #1

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Sean P. Connaney	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-102257-3450.3
Client Contact: Mr. Dino Zack	Phone: 716 393 0870	E-Mail: brian.fischer@testamericainc.com		Page: Page 3 of 3
Company: AECOM, Inc.				Job #:
Address: 257 West Genesee Street Suite 400	Due Date Requested:			
City: Buffalo	TAT Requested (days): STANDARD			
State, Zip: NY, 14202-2657				
Phone:	PO #: Purchase Order not requir			
Email: dino.zack@aecom.com	WO #:			
Project Name: Scott Aviation site	Project #: 48002539			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
~~DPT-8~~ GWCT.	10/23/17	840	G	Water	N	N	3		
MW-2.	10/23/17	958	G	H_2O	N	N	3		
MW-12.	10/23/17	1115	G	H_2O	N	N	3		
MW-3.	10/23/17	1245	G	H_2O	N	N	3		
DPT-7.	10/23/17	1350	G	H_2O	N	N	3		
DPT-8.	10/23/17	1415	G	H_2O	N	N	3		
DPT-2.	10/23/17	1320	G	H_2O	N	N	3		
DPT-4.	10/23/17	1445	G	H_2O	N	N	3		
MW-4.	10/23/17	1640	G	H_2O	N	N	3		
~~SPK DP~~ MW-8R.	10/24/17	935	G	H_2O	N	N	3		

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Sean P. Connaney	10/24/17 432PM	Aecom		10/24/17 1632	FA.
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1 IR

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

480-126348 Chain of Custody

COOLER RECEIPT FORM

Cooler Received/Opened On 10/24/2017 @ 9:20

Time Samples Removed From Cooler_____ Time Samples Placed In Storage_____ (2 Hour Window)

1. Tracking # 2144 (last 4 digits, FedEx) Courier: FedEx

IR Gun ID 14740456 pH Strip Lot_____ Chlorine Strip Lot_____

2. Temperature of rep. sample or temp blank when opened: 4.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA ES 10/24/17

If yes, how many and where:_____

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

ES

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA ES 10/24/17

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA


Larger than this.

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) ES

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) ES

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) ES

I certify that I attached a label with the unique LIMS number to each container (intial) ES

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# ES

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 8/23/17

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

Chain of Custody Record

480-126348

America
R IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fischer, Brian J	.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: brian.fischer@testamericainc.com	New York
Company: TestAmerica Laboratories, Inc		Accreditations Required (See note): NELAP - New York	Page : of 1
Address: 2960 Foster Creighton Drive, ,	Due Date Requested: 11/1/2017		Job #: 480-126348-1
City: Nashville	TAT Requested (days):		
State, Zip: TN, 37204			
Phone: 615-726-0177(Tel) 615-726-3404(Fax)	PO #:		
Email:	WO #:		
Project Name: Scott Figgie West of Plant 2	Project #: 48002539		
Site: Scott Aviation Site	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/5030C TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
		Preservation Code:							
DPT-5 (480-126348-1)	10/19/17	15:10 Eastern		Water			X	3	
DPT-1 (480-126348-2)	10/19/17	14:15 Eastern		Water			X	3	
MW-11 (480-126348-3)	10/20/17	11:15 Eastern		Water			X	3	
MW-10 (480-126348-4)	10/20/17	13:55 Eastern		Water			X	3	
Duplicate (480-126348-5)	10/20/17	08:15 Eastern		Water			X	3	
MW-6 (480-126348-6)	10/20/17	14:20 Eastern		Water			X	3	
Trip Blank (480-126348-7)	10/20/17	14:00 Eastern		Water			X	1	
Rinse Blank (480-126348-8)	10/20/17	15:40 Eastern		Water			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by:	Date/Time: 10/23/17 1620	Company	Received by:	Date/Time: 10-24-17 9:20	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.3

Ver: 09/20/2016

AECOM

APPENDIX D

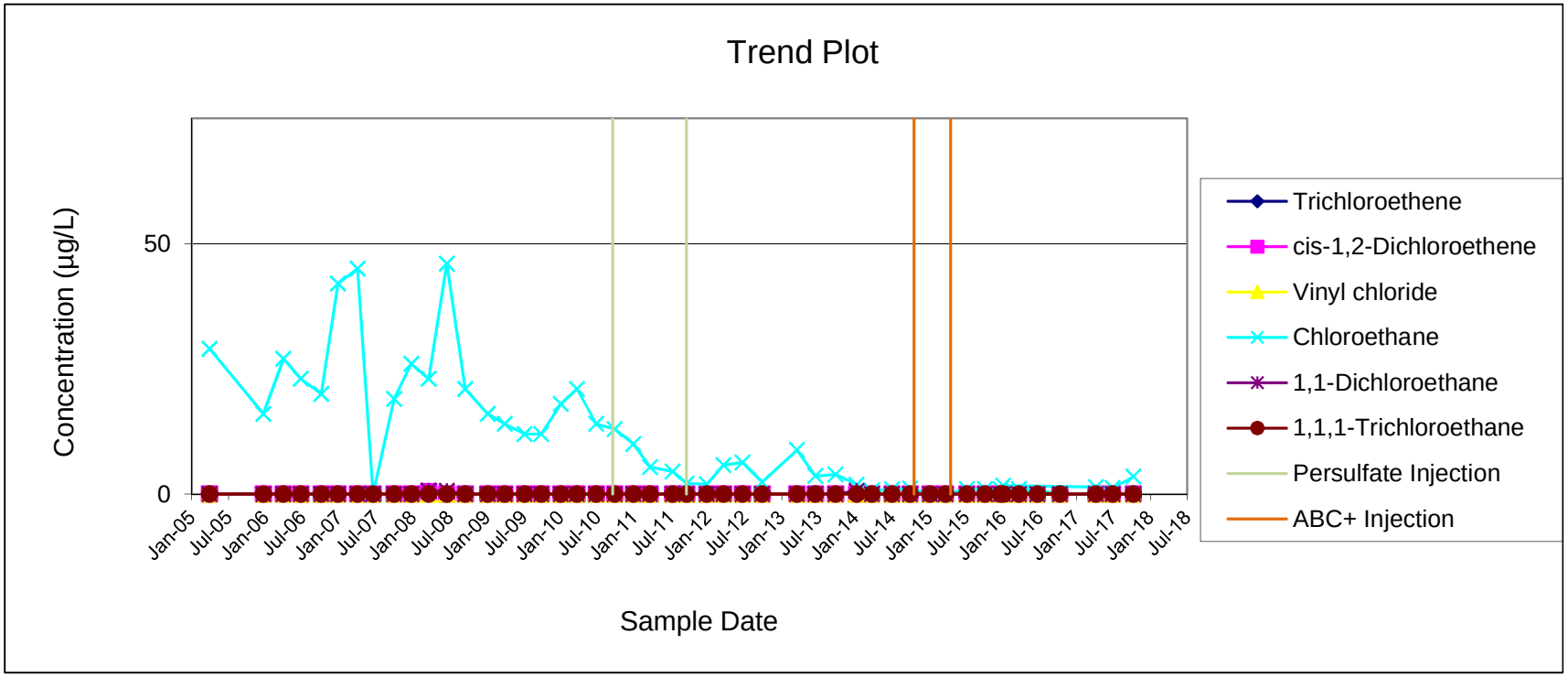
Historical and Current Summary of VOCs in Groundwater

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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	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	< 5	< 5	16	<5	< 5
4/15/2009	< 5	< 5	< 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	< 25	< 25	< 25	13	< 25	< 25
1/12/2011	<1	<1	<1	10	<1	<1
4/4/2011	<1	<1	<1	5.4	<1	<1
7/25/2011	<1	<1	<1	4.5	<1	<1
10/3/2011	<1	<1	<1	2.1	<1	<1
1/11/2012	<1	<1	<1	2	<1	<1
4/2/2012	<1	<1	<1	5.8	<1	<1
7/5/2012	<1	<1	<1	6.3	<1	<1
10/11/2012	<1	<1	<1	2.4	<1	<1
4/1/2013	<1	<1	<1	8.8	<1	<1
7/1/2013	<1	<1	<1	3.6	<1	<1
10/9/2013	<1	<1	<1	3.9	<1	<1
1/21/2014	<1	<1	<1	1.9	0.67	<1
4/7/2014	<1	<1	<1	0.68	<1	<1
7/16/2014	<1	<1	<1	0.94	<1	<1
10/14/2014	<1	<1	<1	1.1	<1	<1
1/20/2015	<5	<5	<5	<5	<5	<5
4/7/2015	<5	<5	<5	<5	<5	<5
7/22/2015	<1	<1	<1	1	<1	<1
10/19/2015	<1	<1	<1	1	<1	<1
1/5/2016	<1	<1	<1	1	<1	<1
4/4/2016	<1	<1	<1	1	<1	<1
7/5/2016	<1	<1	<1	<1	<1	<1
10/24/2016	<1	<1	<1	<1	<1	<1
1/17/2016	<1	<1	<1	1.7	<1	<1
4/20/2017	<1	<1	<1	1.4	<1	<1
7/12/2017	<1	<1	<1	1.2	<1	<1
10/23/2017	<1	<1	<1	3.5	<1	<1

Note TCE data from 10/11/10 was reported in error as 350 µg/L and cis-1,2-DCE was 25 µg/L.

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

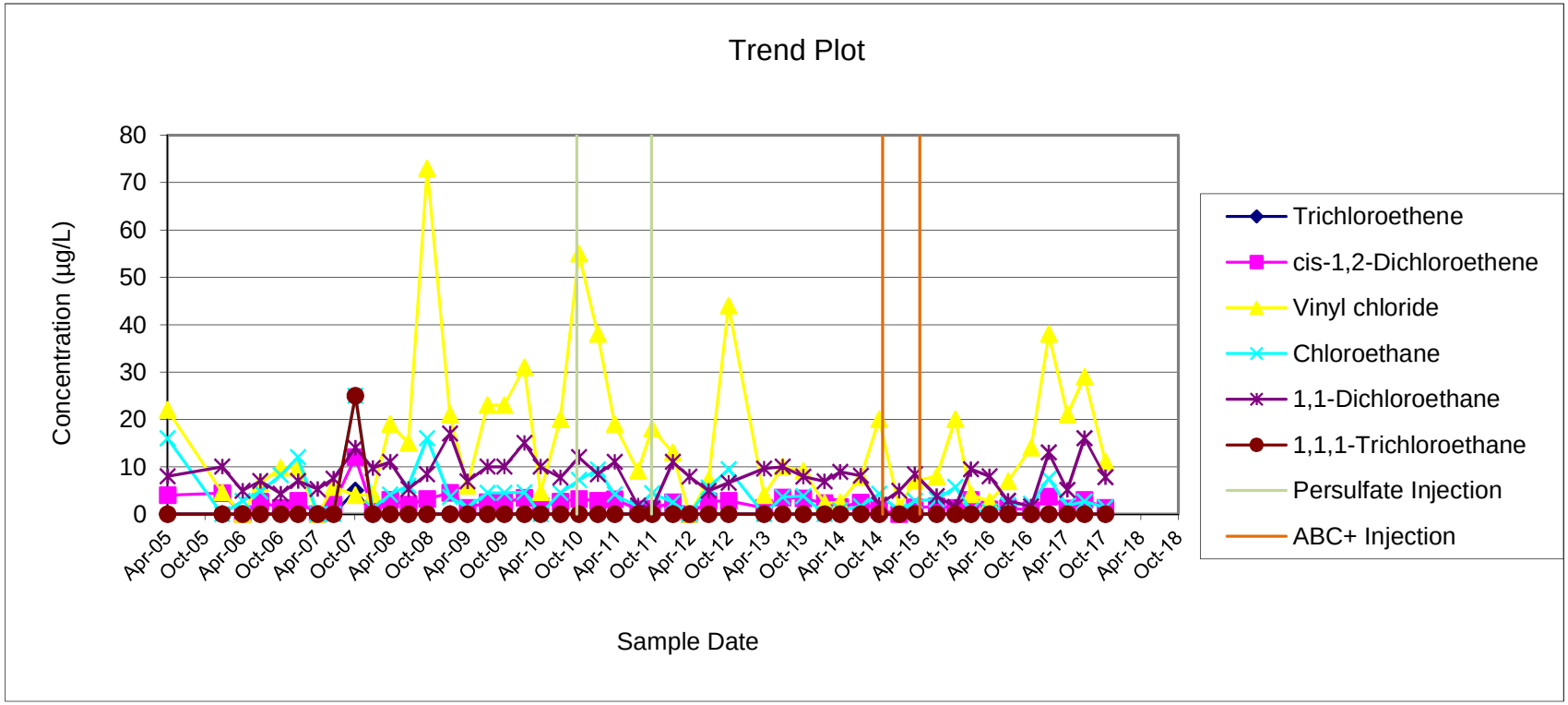


Note TCE data from 10/11/10 was reported in error as 350 µg/L and cis-1,2-DCE was reported as 25 µg/L.

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
4/7/2015	<1	1.4	7.1	2.8	8.4	<1
7/22/2015	<1	1.6	7.9	3.1	3.8	<1
10/21/2015	<1	1.3	20	5.7	1.5	<1
1/6/2016	<1	3	4.2	0.83	9.5	<1
4/5/2016	<1	0.98	2.6	0.58	8	<1
7/5/2016	<1	1.3	6.9	1.9	2.8	<1
10/25/2016	<1	0.81	14	2.2	1.6	<1
1/19/2017	<1	3.7	38	7.5	13	<1
4/20/2017	<1	1.2	21	1.8	5.1	<1
7/12/2017	<1	3	29	2.7	16	<1
10/23/2017	<1	1.3	11	1.4	7.8	<1

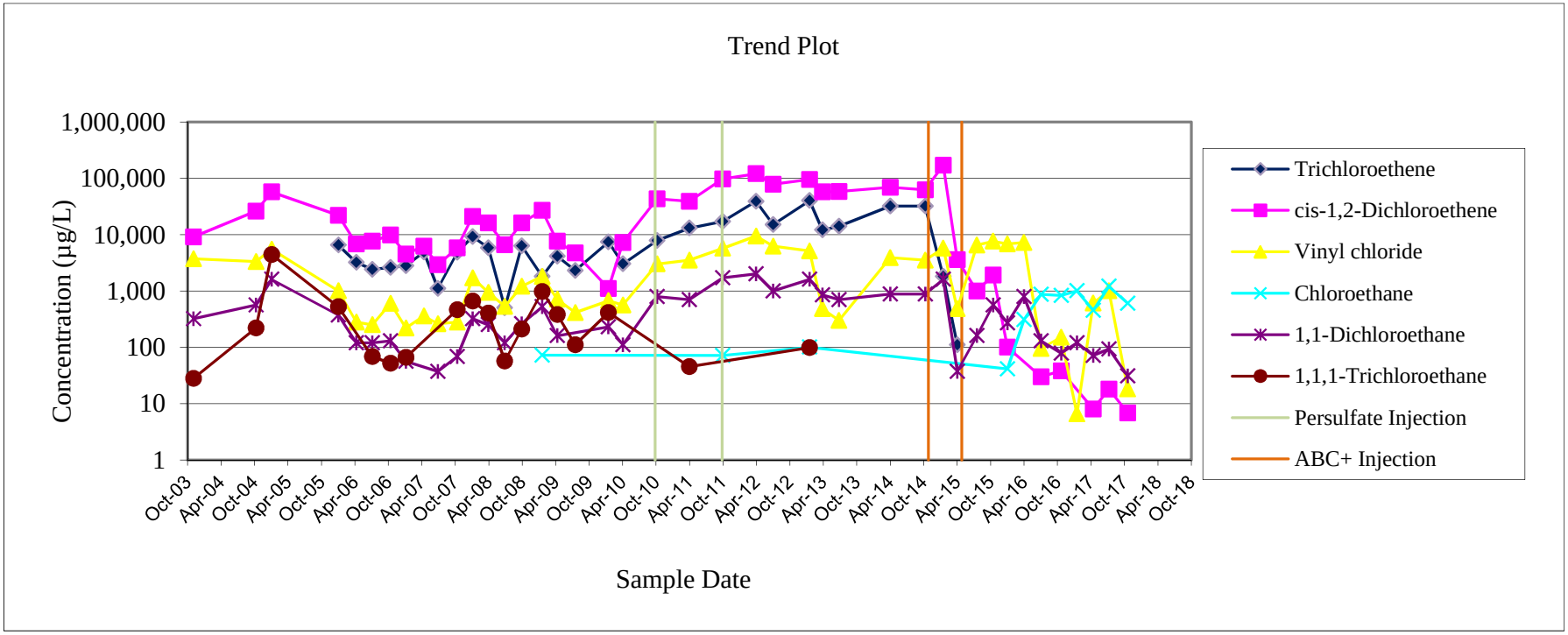
MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000	1,000	< 2000	370	520
4/14/2006	3,200	6,800	280	<500	120	<500
7/10/2006	2,400	7,600	250	<500	120	68
10/18/2006	2,600	9,800	600	<5	130	52
1/10/2007	2,800	4,500	220	<400	56	66
4/17/2007	4,900	6,200	360	<500	<500	<500
7/3/2007	1,100	2,900	260	<200	37	<200
10/17/2007	4,800	5,800	280	<500	68	460
1/9/2008	9,200	21,000	1,700	<500	320	660
4/3/2008	5,800	16,000	940	<1200	250	400
7/2/2008	500	6,600	530	<500	120	57
10/2/2008	6,300	16,000	1,200	<500	260	210
1/22/2009	1,800	27,000	1,800	72	520	970
4/15/2009	4,100	7,600	710	<200	160	380
7/22/2009	2,300	4,700	410	<250	<250	110
1/19/2010	7,400	1,100	670	<1000	230	410
4/8/2010	3,000	7,200	560	<500	110	<500
10/11/2010	7,800	43,000	3,000	<4,000	790	<4,000
4/6/2011	13,000	39,000	3,500	<40	700	45
10/4/2011	17,000	97,000	5,700	71	1700	<1
4/3/2012	39,000	120,000	9,400	<200	2000	<200
7/6/2012	15,000	78,000	6,200	<1000	990	<1000
1/21/2013	40,000	95,000	5,100	100	1600	98
4/2/2013	12,000	57,000	480	<40	850	<40
7/1/2013	14,000	58,000	300	<100	700	<100
4/7/2014	32,000	69,000	3,900	<1000	880	<1000
10/14/2014	32,000	62,000	3,500	<1000	880	<1000
1/21/2015	1,800	170,000	5,700	<1000	1,600	<1000
4/7/2015	110	3,600	480	<80	37	<80
7/23/2015	<100	990	6,500	<100	160	<100
10/20/2015	<100	1,900	7,600	<100	560	<100
1/6/2016	<100	100	6,800	41	270	<100
4/6/2016	<100	<100	7,200	310	790	<100
7/8/2016	<20	30	95	870	130	<20
10/25/2016	<20	38	150	830	78	<20
1/19/2017	<20	<20	7	1,000	120	<20
4/18/2017	<5	8	610	450	71	<5
7/13/2017	<20	18	1,000	1,200	93	<20
10/23/2017	<20	7	18	600	31	<20

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

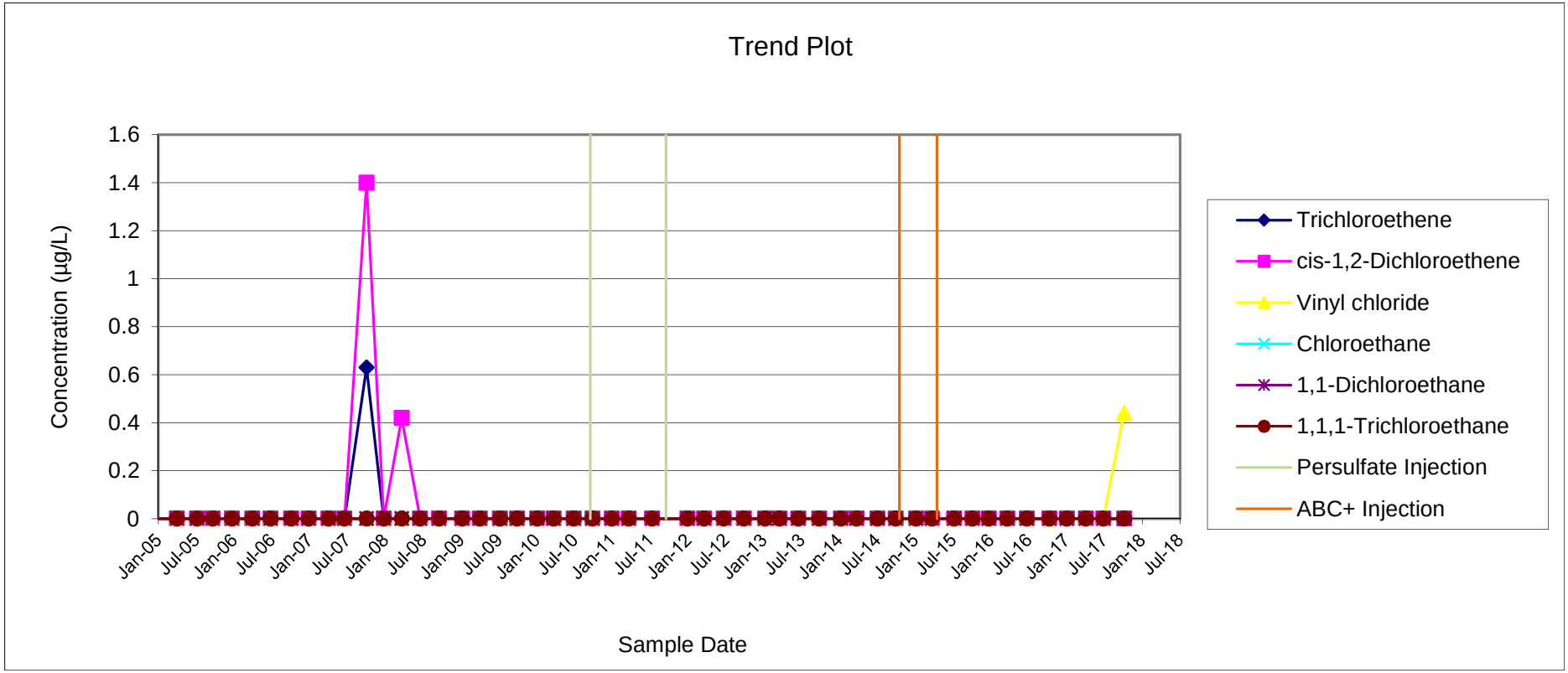


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	< 10	< 10	< 10	< 10	< 10	< 6
10/12/2004	< 10	< 10	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/14/2005	< 10	< 10	< 10	< 10	< 10	< 10
7/21/2005	< 5	< 5	< 5	< 5	< 5	< 5
10/4/2005	< 5	< 5	< 5	< 5	< 5	< 5
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/10/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	0.63	1.4	< 5	< 5	< 5	< 5
1/8/2008	<5	<5	<5	< 5	< 5	< 5
4/3/2008	<5	0.42	<5	<5	<5	<5
7/1/2008	<5	<5	<5	<5	<5	<5
10/1/2008	<5	<5	<5	<5	<5	<5
1/20/2009	<5	<5	<5	<5	<5	<5
4/15/2009	<5	<5	<5	<5	<5	<5
7/21/2009	<5	<5	<5	<5	<5	<5
10/13/2009	<5	<5	<5	<5	<5	<5
1/18/2010	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5
7/13/2010	<5	<5	<5	<5	<5	<5
10/11/2010	<5	<5	<5	<5	<5	<5
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1
10/11/2012	<1	<1	<1	<1	<1	<1
1/21/2013	<1	<1	<1	<1	<1	<1
4/1/2013	<1	<1	<1	<1	<1	<1
7/1/2013	<1	<1	<1	<1	<1	<1
10/10/2013	<1	<1	<1	<1	<1	<1
1/22/2014	<1	<1	<1	<1	<1	<1
4/7/2014	<1	<1	<1	<1	<1	<1
7/17/2014	<1	<1	<1	<1	<1	<1
10/14/2014	<1	<1	<1	<1	<1	<1
1/20/2015	<1	<1	<1	<1	<1	<1
4/6/2015	<1	<1	<1	<1	<1	<1
7/23/2015	<1	<1	<1	<1	<1	<1
10/19/2015	<1	<1	<1	<1	<1	<1
1/6/2016	<1	<1	<1	<1	<1	<1
4/4/2016	<1	<1	<1	<1	<1	<1
7/7/2016	<1	<1	<1	<1	<1	<1
10/24/2016	<1	<1	<1	<1	<1	<1
1/17/2017	<1	<1	<1	<1	<1	<1
4/19/2017	<1	<1	<1	<1	<1	<1
7/12/2017	<1	<1	<1	<1	<1	<1
10/20/2017	<1	<1	0.44	<1	<1	<1

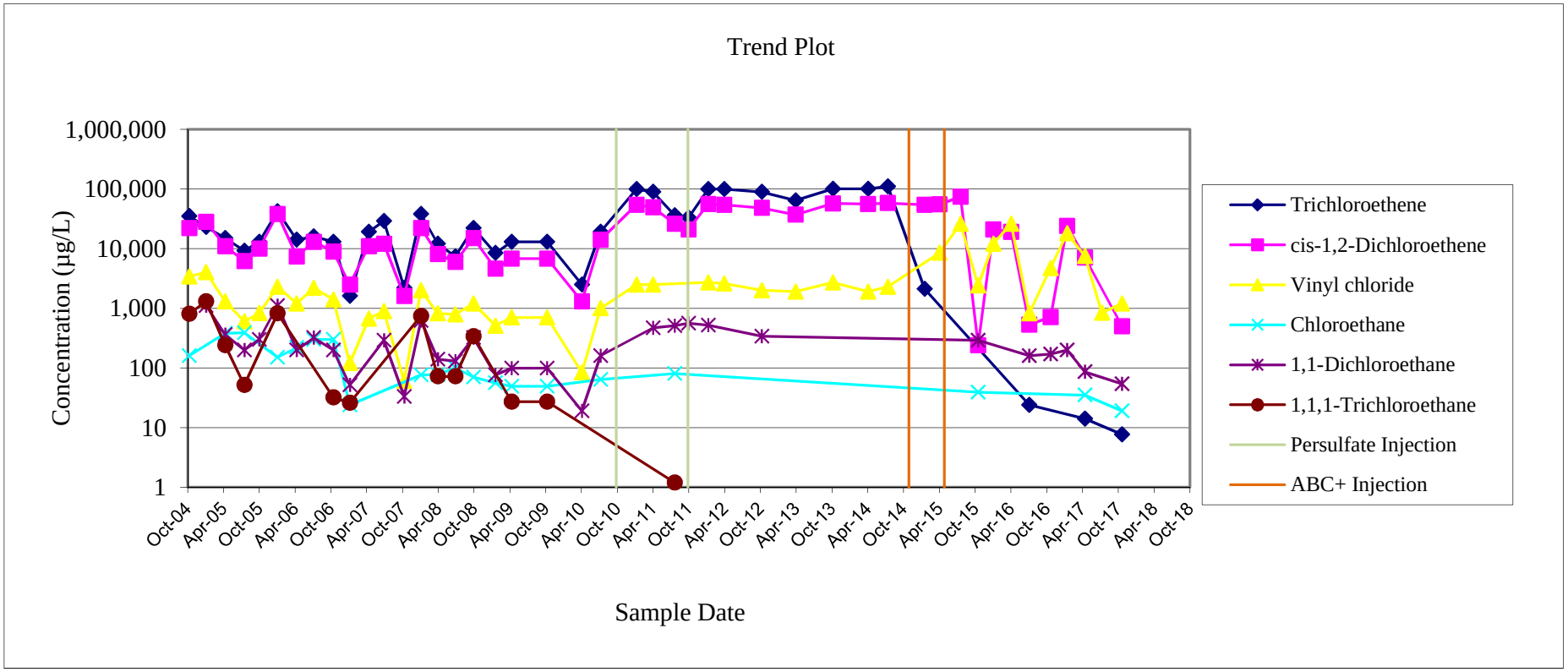
MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/13/2004	35,000	22,000	3,400	160	< 5,000	810
1/7/2005	23,000	28,000	4,000	< 2,000	1,100	1,300
4/14/2005	15,000	11,000	1,300	380	360	240
7/21/2005	9,200	6,200	600	390	200	52
10/5/2005	13,000	10,000	830	< 1,000	300	<1,000
1/6/2006	42,000	38,000	2,300	150	1100	820
4/14/2006	14,000	7,400	1,200	220	200	< 1,000
7/10/2006	16,000	13,000	2,200	300	320	< 1,000
10/18/2006	13,000	8,900	1,400	300	200	32
1/10/2007	1,600	2,500	120	24	52	26
4/17/2007	19,000	11,000	670	< 1,000	< 1,000	< 1,000
7/3/2007	29,000	12,000	890	< 1,000	290	< 1,000
10/15/2007	2,200	1,600	60	< 200	33	< 200
1/8/2008	38,000	22,000	2,000	76	620	740
4/3/2008	12,000	8,100	820	77	140	72
7/2/2008	7,400	6,000	790	100	130	72
10/2/2008	22,000	15,000	1,200	70	320	340
1/22/2009	8,400	4,600	510	56	76	<100
4/15/2009	13,000	6,800	700	49	99	27
10/13/2009	13,000	6,800	700	49	99	27
4/8/2010	2,500	1,300	84	<100	19	<100
7/12/2010	19,000	14,000	1,000	64	160	<100
1/12/2011	99,000	54,000	2,500	<2000	<2000	<2000
4/6/2011	89,000	49,000	2,500	<800	470	<800
7/26/2011	36,000	26,000	<800	80	510	1.2
10/4/2011	33,000	21,000	<400	<400	560	<400
1/13/2012	99,000	56,000	2,700	<800	520	<800
4/3/2012	99,000	54,000	2,600	<2000	<2000	<2000
10/12/2012	89,000	48,000	2,000	<800	340	<800
4/2/2013	64,000	37,000	1,900	<1000	<1000	<1000
10/10/2013	100,000	57,000	2,700	<1000	<1000	<1000
4/7/2014	100,000	56,000	1,900	<1000	<1000	<1000
7/17/2014	110,000	58,000	2,300	<1000	<1000	<1000
1/21/2015	2,100	54,000	<2000	<2000	<2000	<2000
4/6/2015	<2000	55,000	8,500	<2000	<2000	<2000
7/23/2015	<200	74,000	26,000	<200	<200	<200
10/21/2015	<25	240	2,400	39	290	<25
1/6/2016	<1,000	21,000	12,000	<1,000	<1,000	<1,000
4/6/2016	<1,000	19,000	26,000	<1,000	<1,000	<1,000
7/8/2016	24	530	820	<20	160	<20
10/25/2016	<100	710	4,700	<100	170	<100
1/17/2017	<100	24,000	18,000	<100	200	<100
4/18/2017	14	7,100	7,500	35	86	<50
7/13/2017	<400	<400	840	<400	<400	<400
10/24/2017	7.7	500	1,200	19	54	<10

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

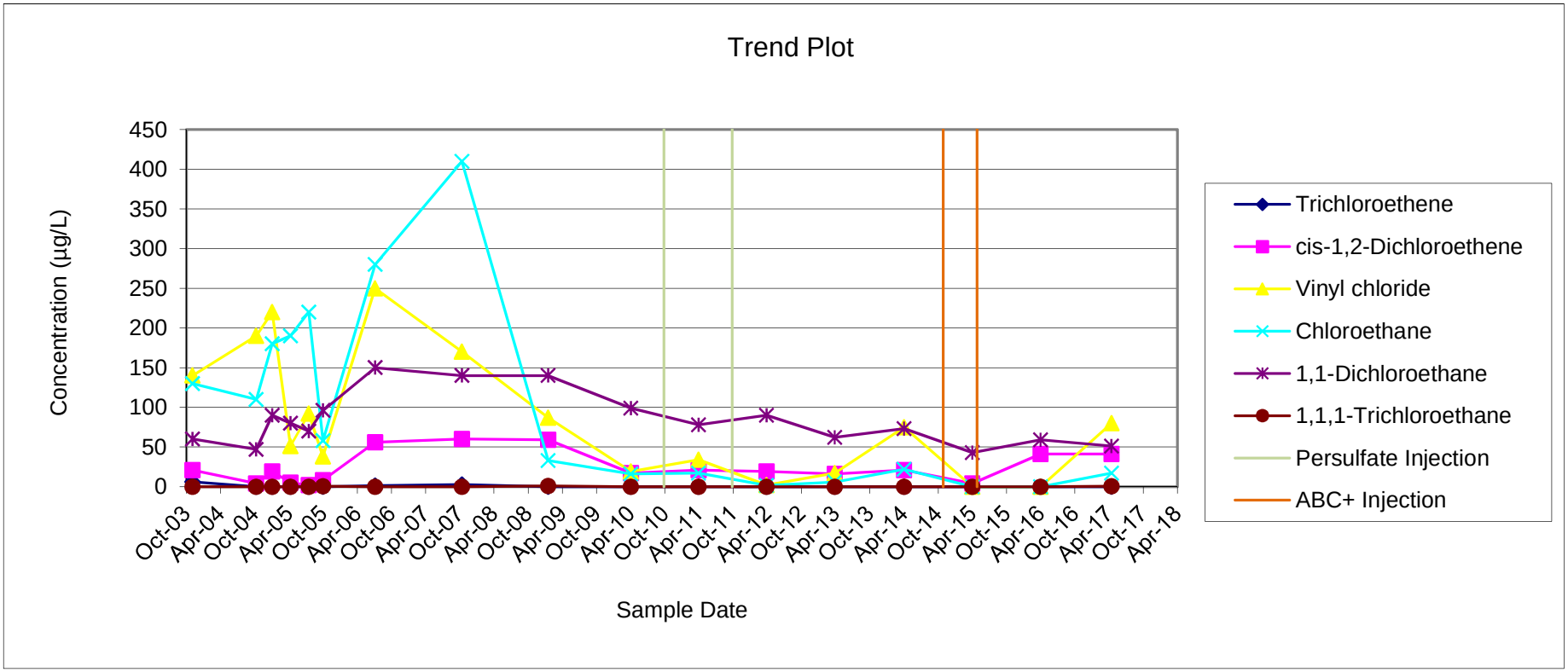


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	6	21	140	130	60	< 10
10/13/2004	< 10	4	190	110	47	< 10
1/6/2005	< 10	19	220	180	90	< 10
4/14/2005	< 10	5	51	190	80	< 10
7/21/2005	< 5	2	92	220	70	< 5
10/5/2005	< 5	8	38	58	96	0.68
7/10/2006	1.3	56	250	280	150	< 5
10/17/2007	2.6	60	170	410	140	< 25
1/21/2009	<5	59	87	33	140	0.81
4/7/2010	<5	17	19	16	99	< 5
4/4/2011	<1	21	34	17	78	<1
4/2/2012	<1	19	1.8	1.5	90	<1
4/1/2013	<1	16	17	5.9	62	<1
4/7/2014	<1	21	75	22	73	<1
4/7/2015	<1	4.1	<1	<1	43	<1
4/5/2016	<1	41	<1	<1	59	<1
4/20/2017	<1	41	80	17	51	0.6

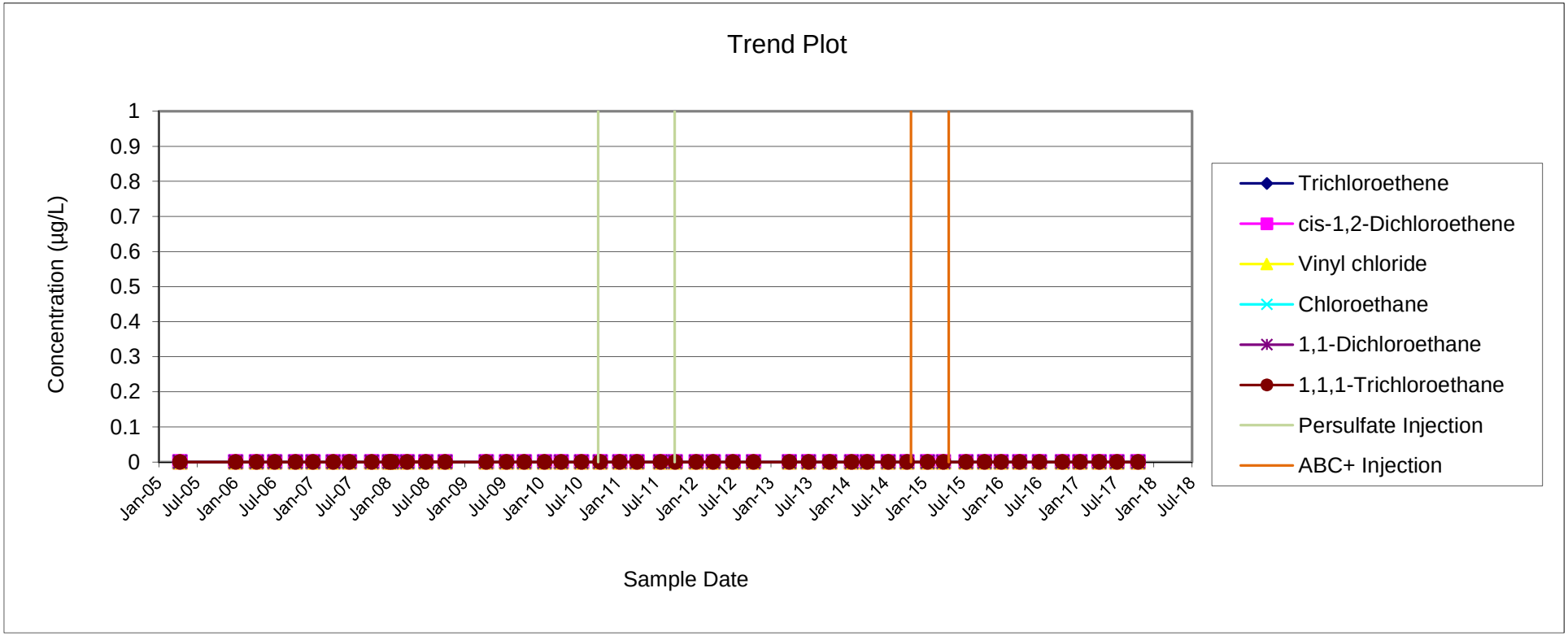
MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	< 10	< 10	<10
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/3/2008	< 5	< 5	< 5	< 5	< 5	< 5
7/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
10/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
1/20/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/15/2009	< 5	< 5	< 5	< 5	< 5	< 5
7/21/2009	< 5	< 5	< 5	< 5	< 5	< 5
10/13/2009	< 5	< 5	< 5	< 5	< 5	< 5
1/18/2010	< 5	< 5	< 5	< 5	< 5	< 5
4/7/2010	< 5	< 5	< 5	< 5	< 5	< 5
7/13/2010	< 5	< 5	< 5	< 5	< 5	< 5
10/11/2010	< 5	< 5	< 5	< 5	< 5	< 5
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
10/3/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1
10/11/2012	<1	<1	<1	<1	<1	<1
4/1/2013	<1	<1	<1	<1	<1	<1
7/1/2013	<1	<1	<1	<1	<1	<1
10/10/2013	<1	<1	<1	<1	<1	<1
1/22/2014	<1	<1	<1	<1	<1	<1
4/7/2014	<1	<1	<1	<1	<1	<1
7/17/2014	<1	<1	<1	<1	<1	<1
10/14/2014	<1	<1	<1	<1	<1	<1
1/20/2015	<1	<1	<1	<1	<1	<1
4/6/2015	<1	<1	<1	<1	<1	<1
7/23/2015	<1	<1	<1	<1	<1	<1
10/19/2015	<1	<1	<1	<1	<1	<1
1/6/2016	<1	<1	<1	<1	<1	<1
4/4/2016	<1	<1	<1	<1	<1	<1
7/7/2016	<1	<1	<1	<1	<1	<1
10/24/2016	<1	<1	<1	<1	<1	<1
1/17/2017	<1	<1	<1	<1	<1	<1
4/19/2017	<1	<1	<1	<1	<1	<1
7/12/2017	<1	<1	<1	<1	<1	<1
10/20/2017	<1	<1	<1	<1	<1	<1

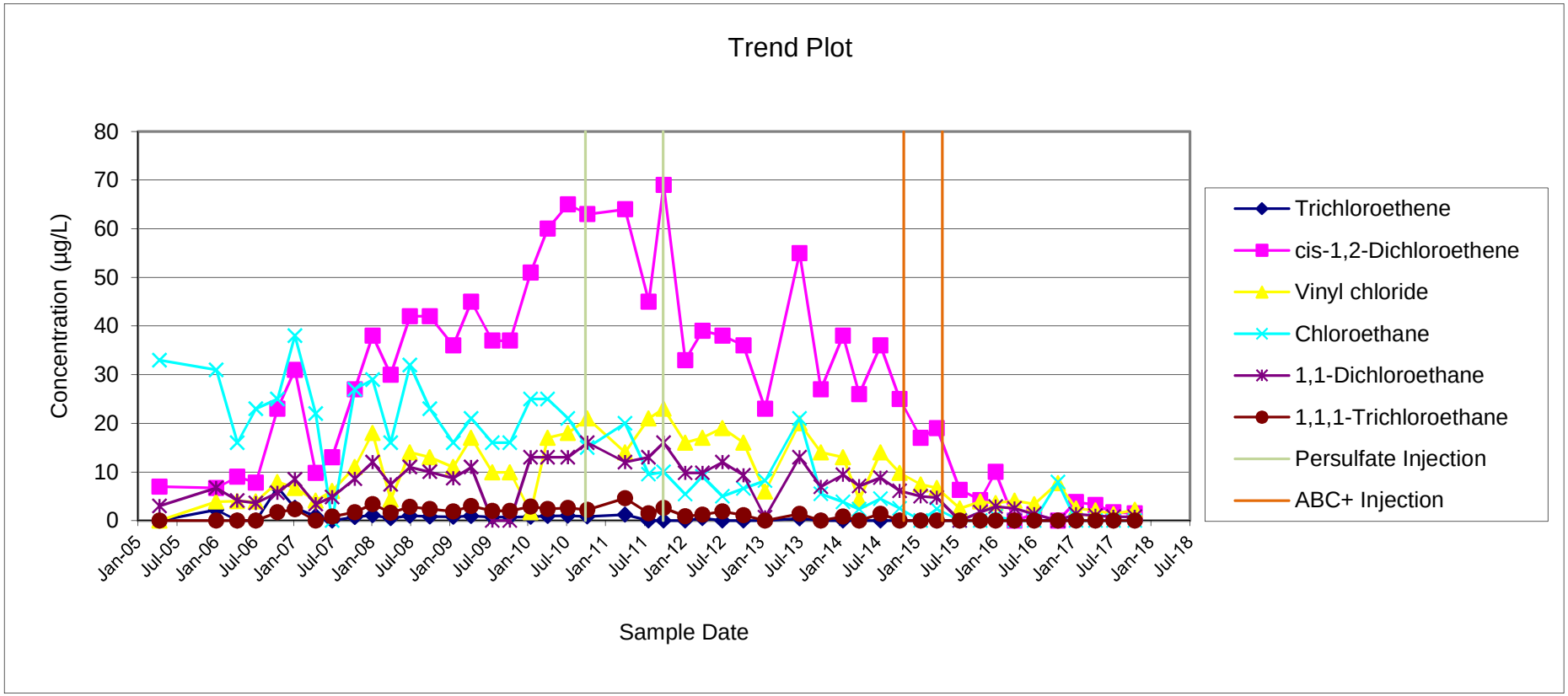
MONITORING WELL MW-10
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	7	< 10	33	3	< 10
1/5/2006	2.2	6.7	3.9	31	6.7	<20
4/14/2006	< 20	9	4	16	4.1	< 20
7/10/2006	< 20	7.8	3.9	23	3.6	< 20
10/19/2006	6.8	23	7.9	25	5.7	1.7
1/9/2007	2.6	31	6.7	38	8.5	2.3
4/16/2007	0.89	9.8	4.1	22	3.4	<5
7/2/2007	< 5	13	6.1	< 5	4.8	0.84
10/16/2007	0.71	27	11	27	8.6	1.7
1/8/2008	1.1	38	18	29	12	3.4
4/2/2008	0.49	30	4.3	16	7.4	1.6
7/1/2008	1	42	14	32	11	2.8
10/2/2008	0.81	42	13	23	10	2.4
1/20/2009	0.77	36	11	16	8.7	1.9
4/14/2009	0.95	45	17	21	11	3
7/22/2009	0.69	37	9.9	16	<5	2
10/13/2009	0.69	37	9.9	16	<5	2
1/18/2010	0.77	51	1.7	25	13	2.9
4/7/2010	0.95	60	17	25	13	2.4
7/12/2010	1	65	18	21	13	2.6
10/11/2010	0.8	63	21	15	16	2.2
4/5/2011	1.2	64	14	20	12	4.6
7/25/2011	<1	45	21	9.5	13	1.5
10/3/2011	<1	69	23	10	16	2.6
1/12/2012	<1	33	16	5.4	9.8	0.88
4/2/2012	0.51	39	17	9.1	9.8	1.2
7/5/2012	<1	38	19	5	12	1.9
10/11/2012	<1	36	16	6.6	9.3	1.1
1/21/2013	<1	23	6	8.2	0.64	<1
7/1/2013	0.46	55	20	21	13	1.4
10/9/2013	<1	27	14	5.5	6.9	<1
1/21/2014	<1	38	13	3.8	9.4	0.85
4/7/2014	<1	26	4.3	2.3	7.1	<1
7/16/2014	<1	36	14	4.5	8.8	1.4
10/14/2014	<1	25	9.8	2.5	6.1	<1
1/20/2015	<5	17	7.4	<5	5.0	<5
4/6/2015	<2	19	6.7	2.4	4.7	<2
7/22/2015	<1	6.3	2.5	<1	<1	<1
10/26/2015	<1	4.2	3.9	<1	1.7	<1
1/6/2016	<1	10	3.6	0.89	2.9	<1
4/4/2016	<1	<1	4.1	<1	2.5	<1
7/5/2016	<1	1.3	3.4	<1	1.3	<1
10/24/2016	<1	<1	7.7	7.9	<1	<1
1/17/2017	<1	3.8	2.5	<1	1.3	<1
4/18/2017	<1	3.2	2.1	<1	1	<1
7/12/2017	<1	1.7	1.3	<1	0.78	<1
10/20/2017	<1	1.5	2.2	<1	0.79	<1

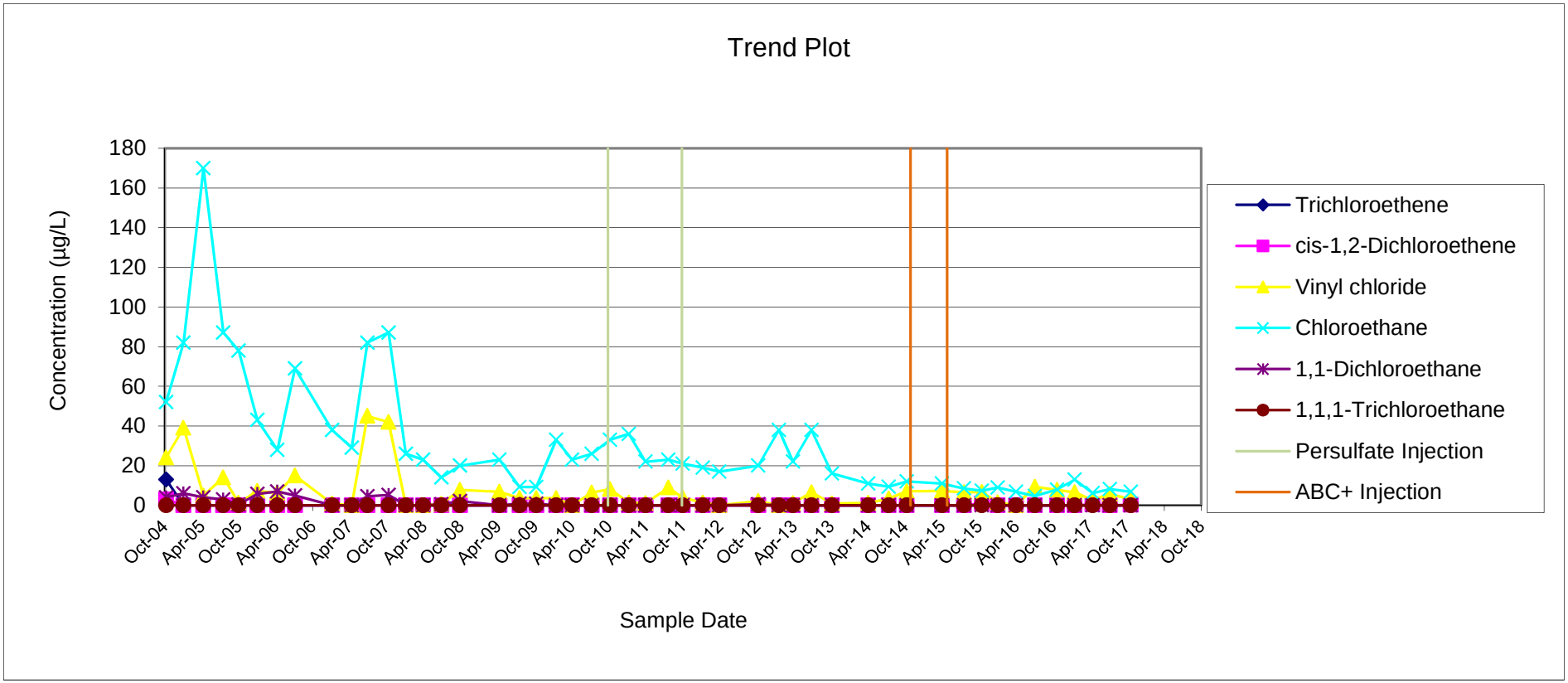
MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/12/2004	13	3	24	52	4	< 10
1/6/2005	< 10	< 10	39	82	6	< 10
4/14/2005	< 10	< 10	5	170	4	< 10
7/21/2005	< 5	< 5	14	87	3	<
10/5/2005	< 5	< 5	1.2	78	0.43	< 5
1/5/2006	< 25	< 25	7.2	43	5.8	< 25
4/14/2006	< 25	< 25	6.3	28	6.9	< 25
7/10/2006	< 25	< 25	15	69	5	< 25
1/9/2007	< 5	< 5	0.83	38	< 5	< 5
4/16/2007	< 20	< 20	< 20	29	< 20	< 20
7/2/2007	< 5	< 5	45	82	4.6	< 5
10/15/2007	< 5	< 5	42	87	5.2	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	< 5	< 5	23	< 5	< 5
7/1/2008	< 5	< 5	0.64	14	0.55	< 5
10/1/2008	< 5	< 5	7.8	20	2.1	< 5
4/14/2009	<5	<5	6.8	23	<5	<5
7/22/2009	<5	<5	3.6	9.2	0.79	<5
10/12/2009	<5	<5	3.6	9.2	0.79	<5
1/18/2010	<5	<5	3.6	33	<5	<5
4/7/2010	<5	<5	< 5	23	<5	<5
7/13/2010	<5	<5	6.4	26	<5	<5
10/11/2010	<5	<5	8.1	33	<5	<5
1/12/2011	<1	<1	1.3	36	<1	<1
4/4/2011	<1	<1	1.1	22	<1	<1
7/26/2011	<1	<1	8.9	23	<1	<1
10/4/2011	<1	<1	3.9	21	<1	<1
1/12/2012	<1	<1	1.4	19	<1	<1
4/2/2012	<1	<1	<1	17	<1	<1
10/11/2012	<1	<1	2.1	20	0.49	<1
1/21/2013	<1	<1	<1	38	<1	<1
4/1/2013	<1	<1	1.1	22	<1	<1
7/1/2013	<1	<1	6.6	38	<1	<1
10/10/2013	<1	<1	0.95	16	<1	<1
4/7/2014	<1	<1	1.2	11	<1	<1
7/17/2014	<1	<1	3.3	9.4	<1	<1
10/14/2014	<1	<1	7.1	12	<1	<1
4/6/2015	<1	<1	7.2	11	<1	<1
7/23/2015	<1	<1	6.6	8.5	<1	<1
10/19/2015	<1	0.88	6.7	7.4	<1	<1
1/6/2016	<1	<1	1.5	9	<1	<1
4/5/2016	<5	<5	< 5	6.8	<5	<5
7/6/2016	<5	<5	9.4	4.7	<5	<5
10/24/2016	<1	<1	7.7	7.9	<1	<1
1/19/2017	<1	<1	6.5	13	<1	<1
4/18/2017	<1	0.36	2.6	6.2	<1	<1
7/12/2017	<1	<1	5.8	8.1	<1	<1
10/23/2017	<1	0.24	2.9	6.8	<1	<1

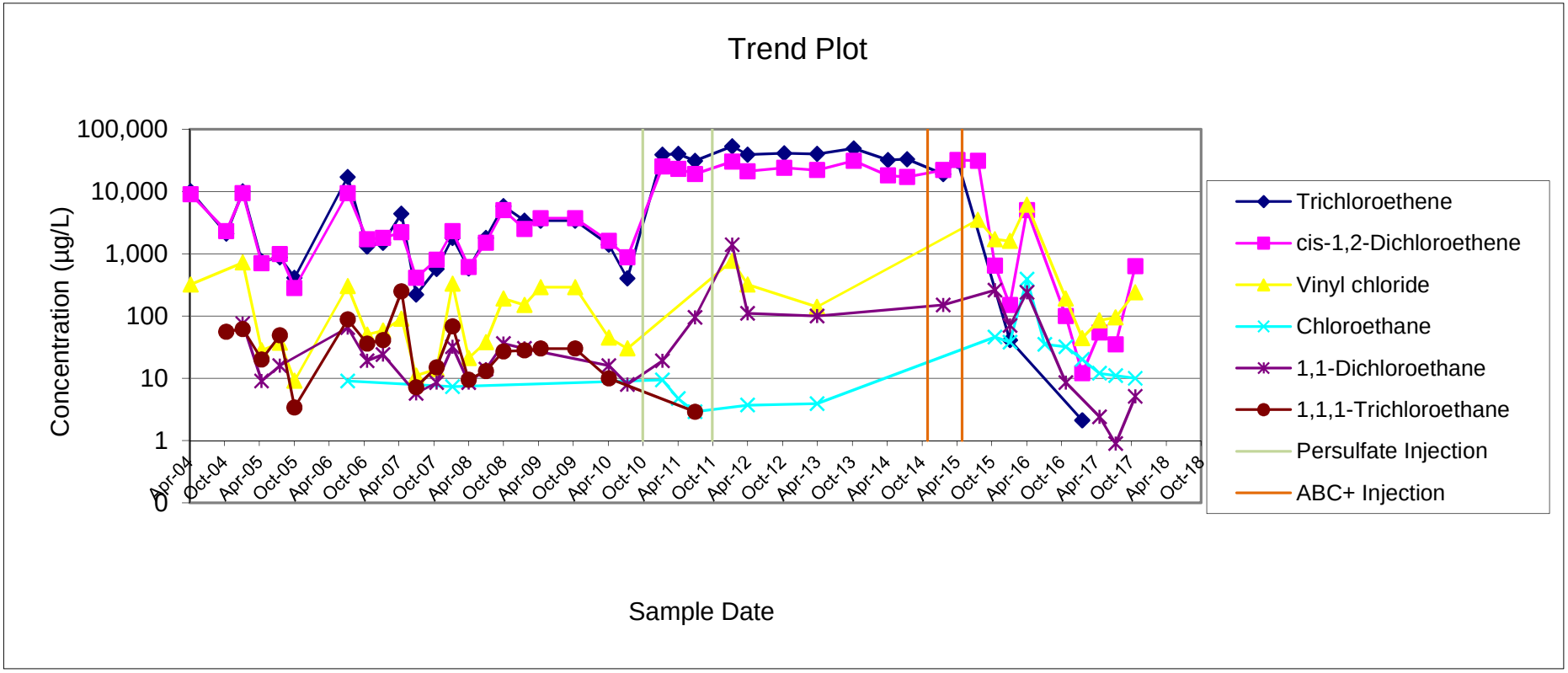
MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 50	9	20
7/20/2005	870	990	37	< 40	16	49
10/4/2005	410	280	9.1	< 40	< 40	3.4
7/10/2006	17,000	9,400	300	9	65	88
10/19/2006	1,300	1,700	50	<100	19	36
1/10/2007	1,500	1,800	58	<100	24	41
4/17/2007	4,400	2,200	90	< 250	< 250	250
7/3/2007	220	410	11	< 25	5.7	7.2
10/18/2007	570	800	14	< 25	8.5	15
1/9/2008	1800	2300	330	7.3	32	68
4/3/2008	580	610	21	<50	8.5	9.5
7/2/2008	1,800	1,500	38	<120	14	13
10/2/2008	5,800	5,000	190	<120	36	27
1/20/2009	3,400	2,500	150	<10	30	28
4/15/2009	3,400	3,700	290	<40	<40	30
10/13/2009	3,400	3,700	290	<40	<40	30
4/7/2010	1,400	1,600	45	<50	16	10
7/13/2010	400	870	30	<50	7.9	<50
1/12/2011	39,000	25,000	<500	9.4	19	<1
4/6/2011	40,000	23,000	<800	4.7	<800	<800
7/2/2011	31,000	19,000	<800	2.9	95	2.9
1/13/2012	53,000	30,000	770	<800	1400	<800
4/3/2012	39,000	21,000	320	3.7	110	<1
10/12/2012	41,000	24,000	<800	<800	<800	<800
4/2/2013	40,000	22,000	140	3.9	100	<1
10/10/2013	49,000	31,000	<1	<1	<1	<1
4/7/2014	32,000	18,000	<500	<500	<500	<500
7/17/2014	33,000	17,000	<500	<500	<500	<500
1/21/2015	19,000	22,000	<500	<500	150	<500
4/7/2015	31,000	32,000	<500	<500	<500	<500
7/23/2015	<500	31,000	3,500	<500	<500	<500
10/20/2015	<10	640	1,700	46	260	<10
1/6/2016	41	150	1,600	38	70	<25
4/5/2016	<100	5,000	6,100	390	240	<100
7/6/2016	<4	<4	<4	35	<4	<4
10/25/2016	<2	100	190	32	8.5	<2
1/19/2017	2.1	12	44	20	<2	<2
4/19/2017	<1	54	85	12	2.4	<1
7/13/2017	<2	35	95	11	0.89	<2
10/24/2017	<5	630	240	10	5.1	<5

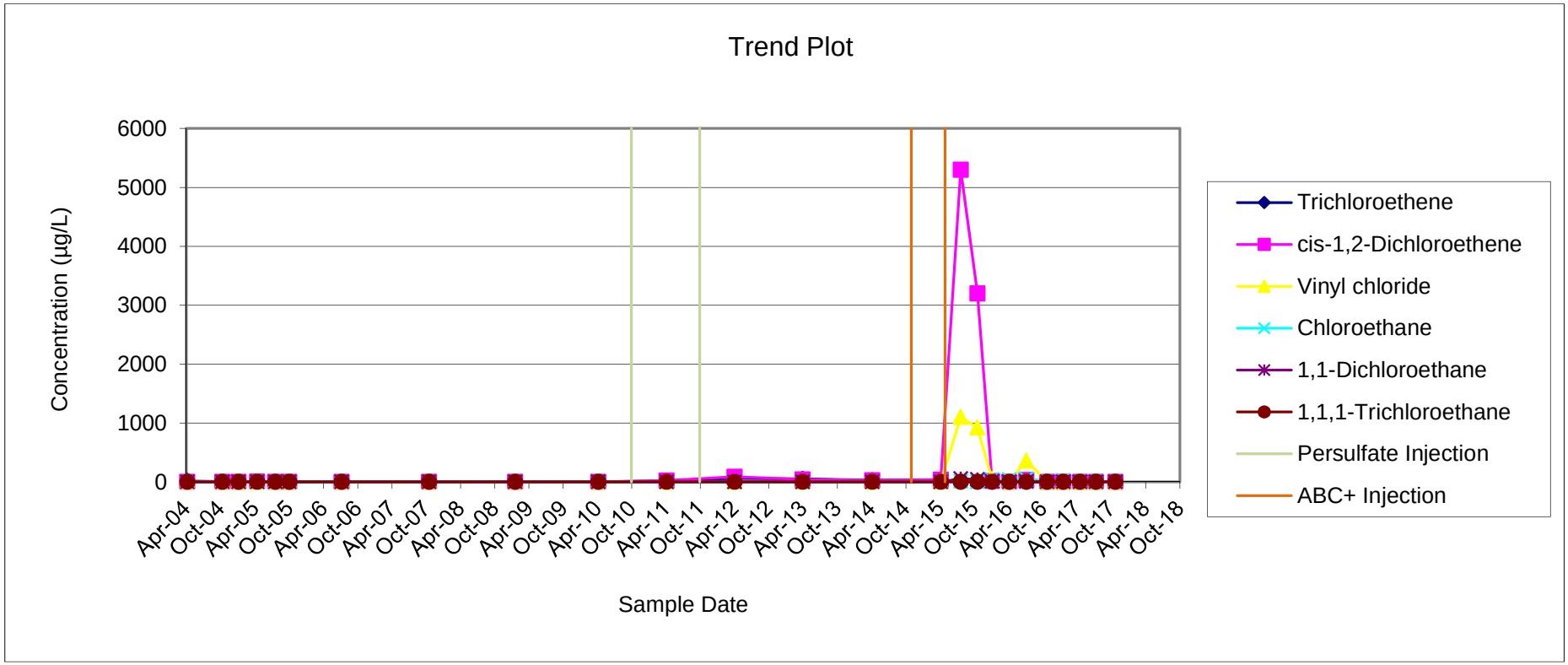
MONITORING WELL MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	17	2	< 10	< 10	< 10	< 10
10/12/2004	7	2	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/15/2005	8	4	< 10	< 10	< 10	< 10
7/20/2005	1	2	< 5	< 5	< 5	< 5
10/4/2005	1.4	1.5	< 5	< 5	< 5	<5
7/10/2006	2	1.6	2.6	< 5	< 5	< 5
10/18/2007	<5	0.55	1.1	< 5	< 5	< 5
1/20/2009	<5	<5	<5	<5	<5	<5
4/7/2010	<5	<5	<5	<5	<5	<5
4/6/2011	22	23	<1	<1	<1	<1
4/3/2012	62	89	2.3	<1	<1	<1
4/1/2013	53	44	2.9	<1	<1	<1
4/7/2014	30	28	1.9	<1	<1	<1
4/7/2015	40	37	<1	<1	<1	<1
7/23/2015	2	5,300	1,100	11	56	<1
10/20/2015	<100	3,200	920	<100	42	<100
1/6/2016	<10	15	47	38	12	<10
4/6/2016	<10	<10	<10	36	<10	<10
7/6/2016	<10	34	360	51	7.8	<10
10/25/2016	0.47	1	<1	12	<1	<1
1/19/2017	<1	<1	<1	25	<1	<1
4/19/2017	<1	0.87	<1	9	<1	<1
7/13/2017	<1	<1	<1	13	<1	<1
10/24/2017	<1	<1	<1	6.9	<1	<1

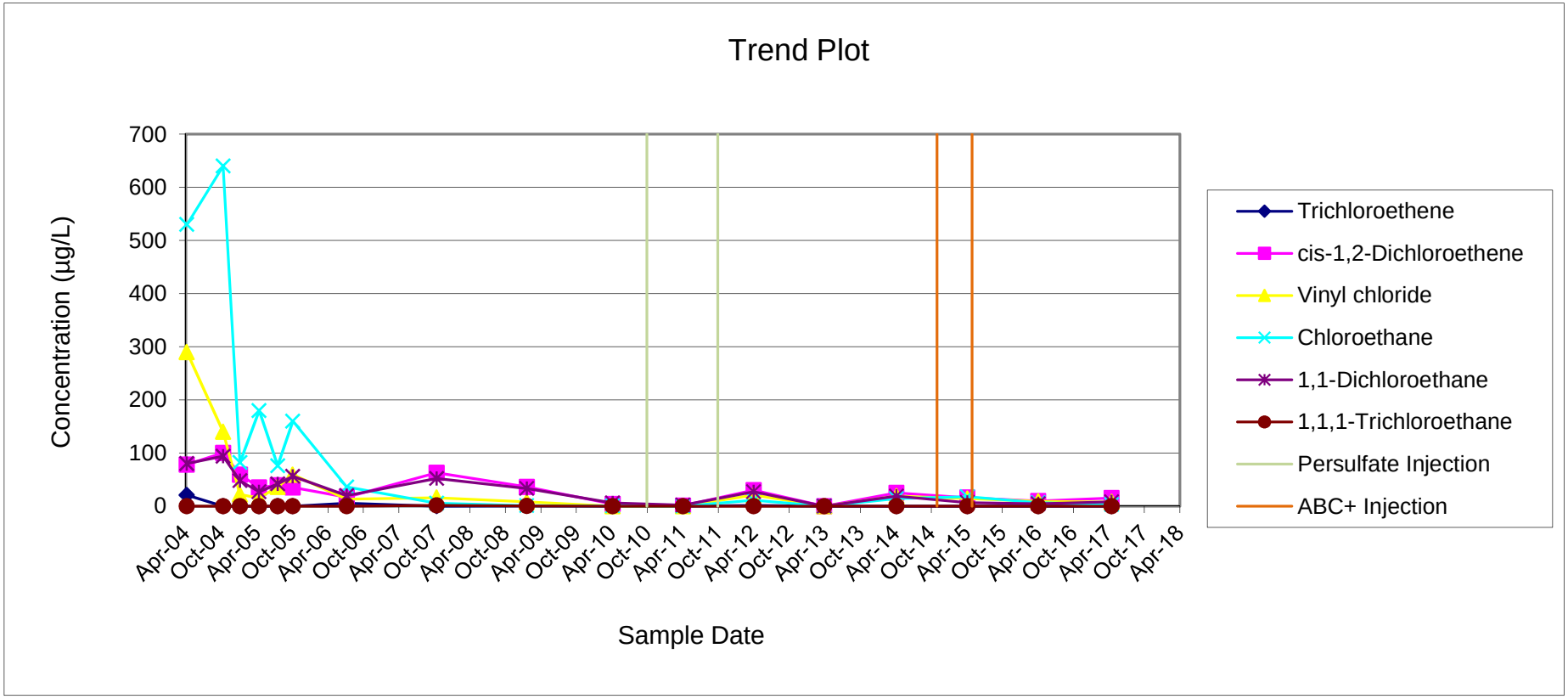
PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	78	290	530	80	< 20
10/12/2004	< 10	100	140	640	94	< 10
1/6/2005	< 10	59	22	82	48	< 10
4/15/2005	< 10	35	15	180	27	< 10
7/20/2005	< 5	39	36	76	42	< 5
10/5/2005	< 5	35	59	160	56	<5
7/10/2006	5.7	17	13	36	20	< 25
10/15/2007	< 5	63	16	5.7	52	1.3
1/21/2009	0.38	36	7.9	0.87	33	0.63
4/8/2010	< 5	4	< 5	0.62	5.9	<5
4/5/2011	< 1	1.1	<1	<1	1.9	<1
4/2/2012	1.3	30	21	11	27	<1
4/1/2013	<1	<1	<1	<1	<1	<1
4/7/2014	<1	25	19	14	19	<1
4/7/2015	<1	16	14	18	6.8	<1
4/5/2016	<1	9.6	8.9	6.3	4.4	<1
4/18/2017	<1	15	7.8	2.8	8.1	<1

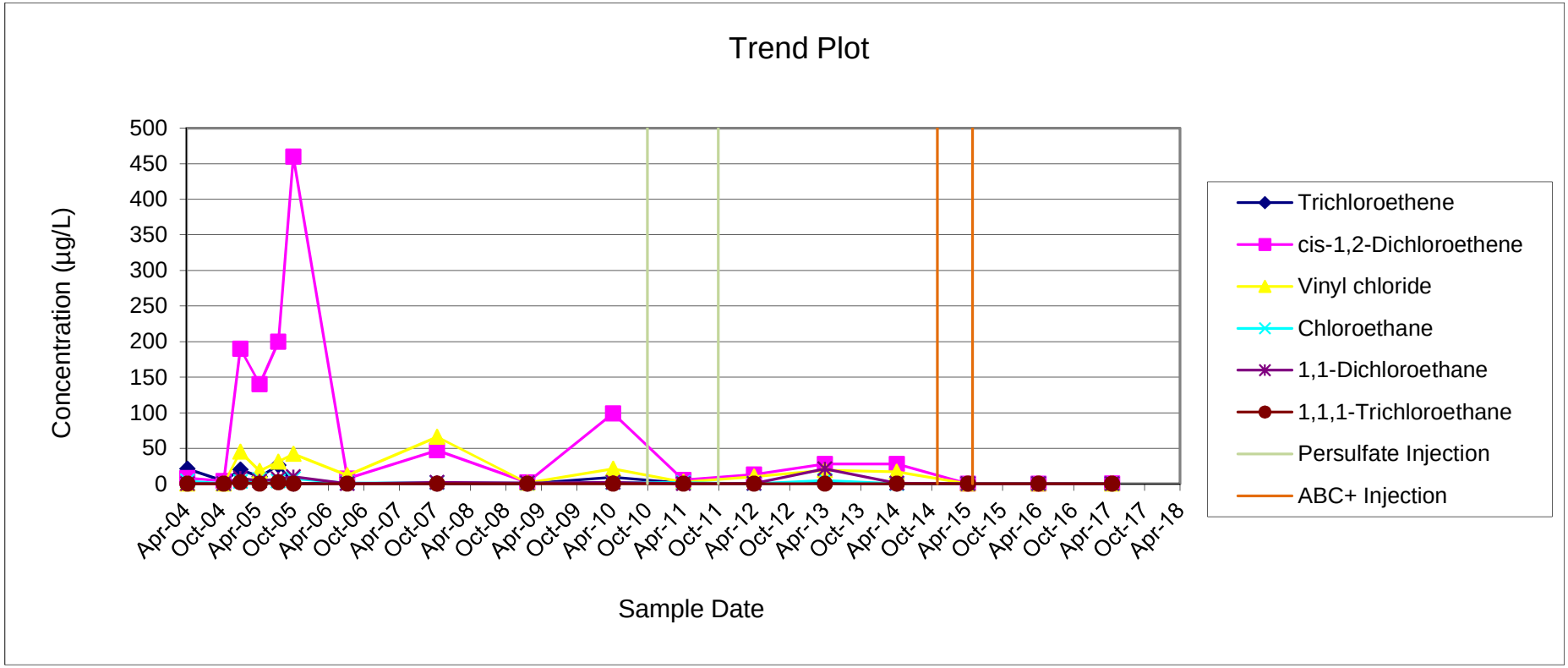
PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	8	< 10	4	< 10	< 10
10/12/2004	4	4	< 10	< 10	< 10	< 10
1/6/2005	20	190	45	3	8	2
4/15/2005	10	140	18	6	4	< 10
7/20/2005	26	200	31	4	7	2
10/5/2005	< 10	460	42	7.2	9.9	<10
7/10/2006	0.96	7.2	12	0.82	< 5	< 5
10/15/2007	< 5	47	66	1.8	2.2	< 5
1/21/2009	<5	2	1.4	0.91	1.3	<5
4/8/2010	9.4	99	21	1.5	2	<5
4/5/2011	0.97	5.6	2.6	1.5	<1	<1
4/2/2012	0.64	13	9.9	<1	0.44	<1
4/1/2013	0.99	28	19	4.6	21	<1
4/7/2014	<1	28	17	<1	0.82	<1
4/7/2015	<1	<1	<1	<1	<1	<1
4/5/2016	<1	<1	<1	<1	<1	<1
4/18/2017	<1	0.65	<1	<1	<1	<1

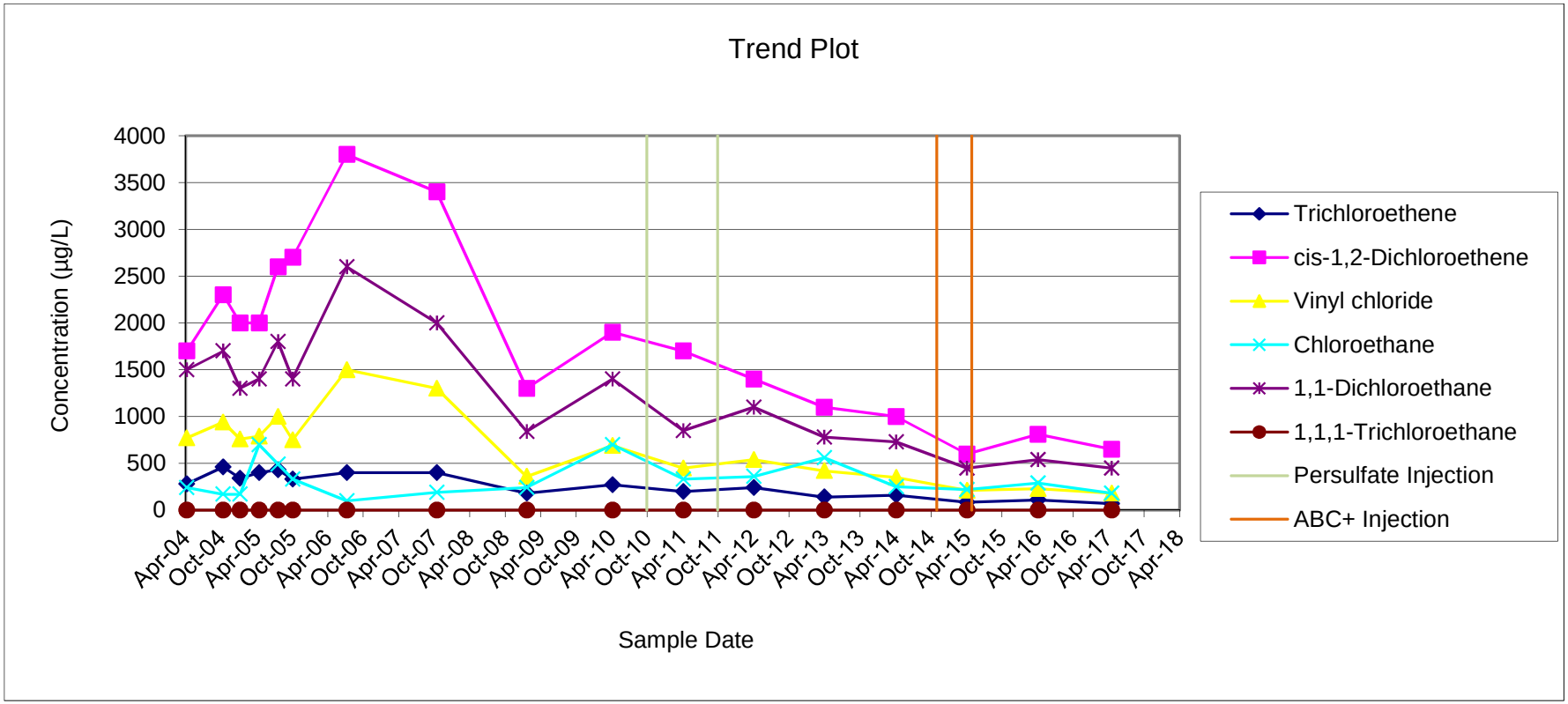
PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	280	1,700	770	240	1,500	< 250
10/12/2004	460	2,300	940	170	1,700	< 250
1/7/2005	340	2,000	760	170	1,300	< 250
4/15/2005	400	2,000	790	700	1,400	< 200
7/21/2005	430	2,600	1,000	490	1,800	< 120
10/5/2005	330	2,700	750	330	1,400	<100
7/10/2006	400	3,800	1,500	100	2,600	< 25
10/16/2007	400	3400	1300	190	2000	< 200
1/21/2009	180	1300	360	240	840	<5
4/8/2010	270	1900	690	700	1400	<10
4/7/2011	200	1700	450	330	850	<1
4/3/2012	240	1400	540	360	1100	<1
4/1/2013	140	1100	420	560	780	<20
4/7/2014	160	1000	350	250	730	<20
4/6/2015	85	600	210	220	450	<20
4/6/2016	110	810	230	290	540	<20
4/19/2017	70	650	180	180	450	<5

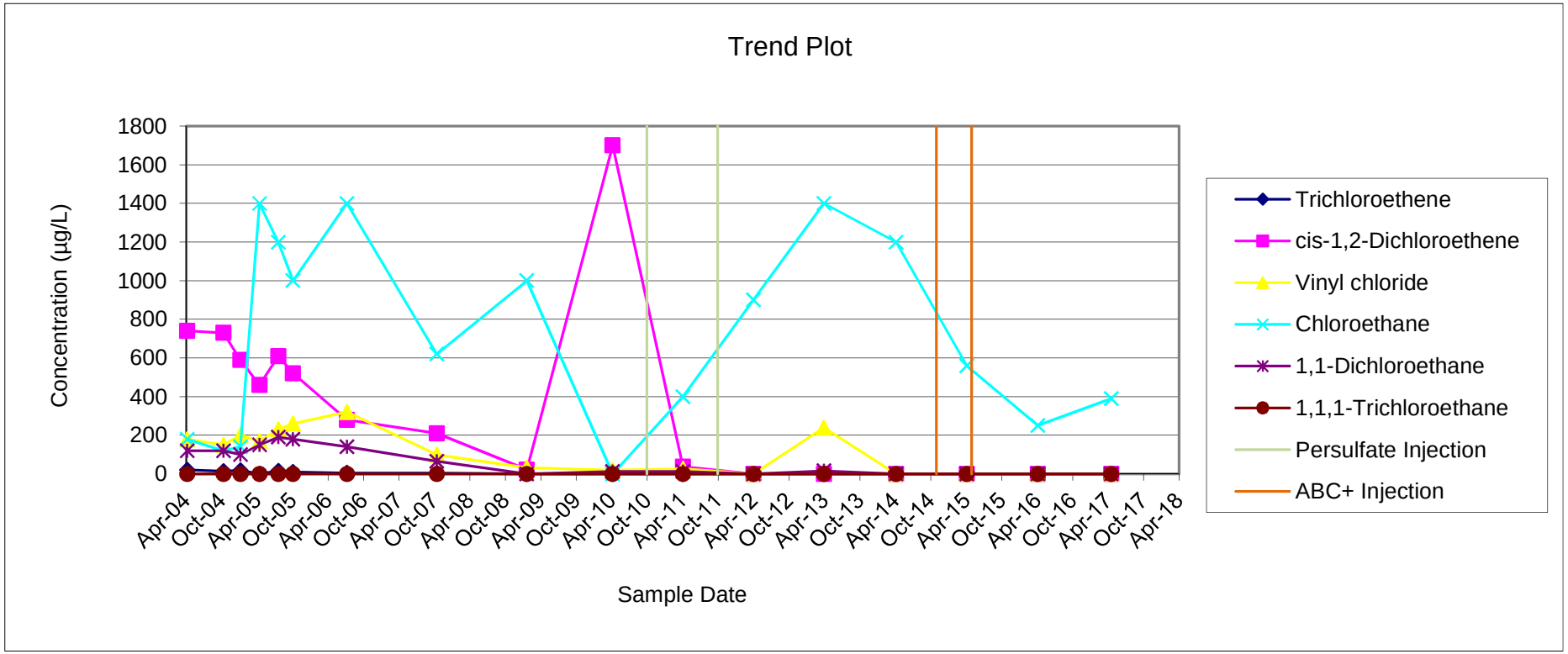
PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	740	180	180	120	< 10
10/12/2004	14	730	150	120	120	< 50
1/7/2005	18	590	200	140	100	< 50
4/15/2005	< 50	460	170	1,400	150	< 50
7/21/2005	15	610	230	1,200	190	< 25
10/5/2005	10	520	260	1,000	180	<50
7/10/2006	4.9	280	320	1,400	140	< 5
10/16/2007	3.6	210	99	620	66	< 5
1/21/2009	<25	22	32	1000	<25	<25
4/8/2010	<5	1700	19	<5	12	<5
4/5/2011	<8	38	26	400	13	<8
4/3/2012	<10	<10	<10	900	<10	<10
4/1/2013	<8	<8	240	1400	16	<8
4/7/2014	<20	<20	<20	1200	<20	<20
4/6/2015	<20	<20	<20	560	<20	<20
4/6/2016	<5	<5	<5	250	<5	<5
4/19/2017	<1	<1	<1	390	0.35	<1

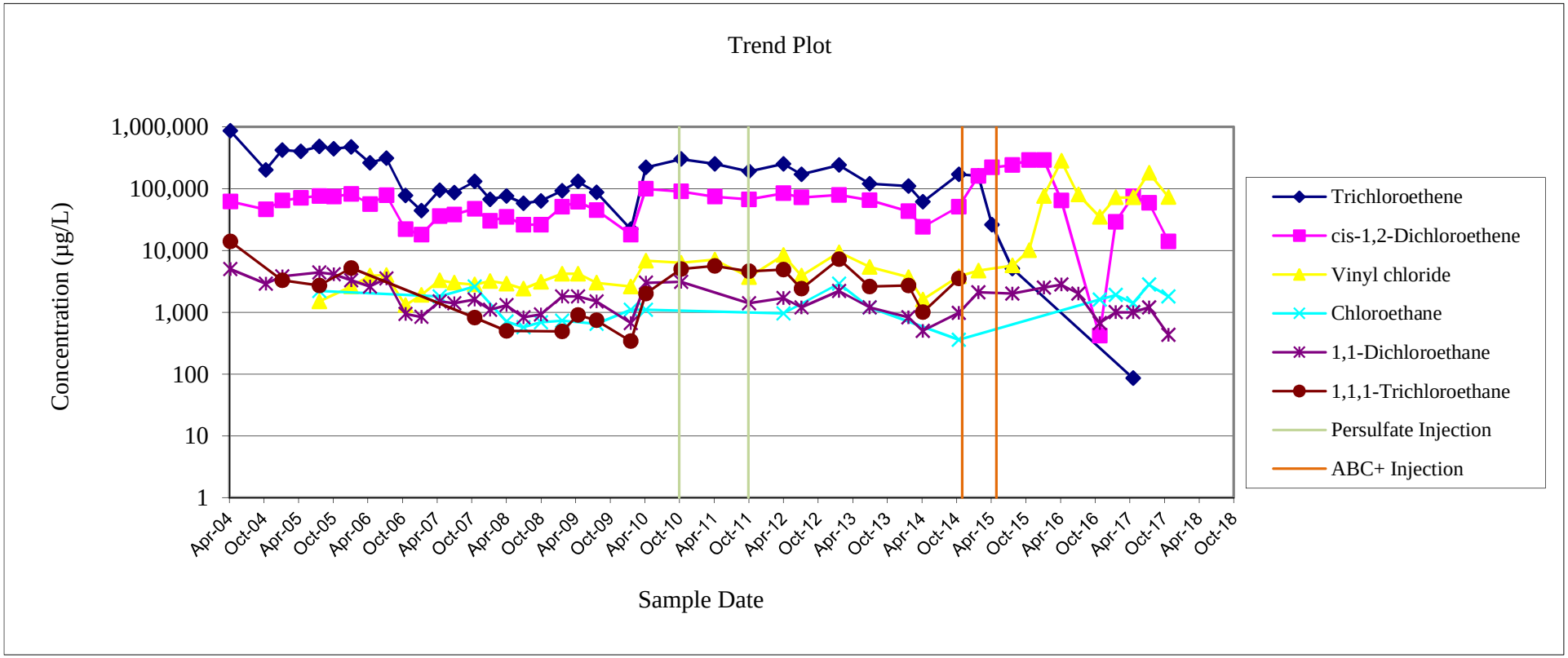
PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	< 20,000	< 20,000	5,000	14,000
10/12/2004	200,000	46,000	< 10,000	< 10,000	2,900	< 10,000
1/7/2005	420,000	64,000	< 10,000	< 10,000	3,800	3,300
4/15/2005	400,000	71,000	< 25,000	< 25,000	< 25,000	< 25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	< 25,000	< 25,000	4,100	< 25,000
1/6/2006	470,000	82,000	2,600	< 20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	< 20,000	2,600	< 20,000
7/10/2006	310,000	78,000	4,000	< 20,000	3,500	< 20,000
10/19/2006	77,000	22,000	1,300	< 5,000	940	< 5,000
1/10/2007	44,000	18,000	1,900	< 2,500	840	< 2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	< 5,000
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	<4,000	2,100	<4,000
4/7/2015	26,000	220,000	<4,000	<4,000	<4,000	<4,000
7/24/2015	5,100	240,000	5,700	<4,000	2,000	<4,000
10/20/2015	<4,000	290,000	10,000	<4,000	<4,000	<4,000
1/6/2016	<4,000	290,000	76,000	<4,000	2,500	<4,000
4/7/2016	<4,000	64,000	280,000	<4,000	2,800	<4,000
7/5/2016	<2,000	<2,000	80,000	<2,000	2,000	<2,000
10/26/2016	<500	420	35,000	1,600	670	<500
1/19/2017	<500	29,000	72,000	1,900	1,000	<500
4/20/2017	86	75,000	72,000	1,400	1,000	<200
7/13/2017	<1,000	59,000	180,000	2,800	1,200	<200
10/24/2017	<500	14,000	73,000	1,800	430	<500

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



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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	6,900	490	< 500	< 500	< 500	< 500
10/12/2004	12,000	1,000	< 500	< 500	91	< 500
1/6/2005	9	27	39	22	15	< 10
4/15/2005	32	36	17	100	10	< 10
7/21/2005	25	12	4	84	2	< 10
10/5/2005	1.3	16	10	41	5	<5
7/10/2006	6.1	27	21	1,000	9.7	< 5
10/18/2007	6	48	39	250	16	< 20
1/22/2009	52	92	39	90	21	1.9
4/8/2010	12	6.9	3.6	240	8.7	< 10
4/7/2011	22	59	33	59	27	1.2
4/3/2012	42	66	46	110	35	<1
4/1/2013	57	2900	1100	190	260	<1
4/7/2014	<25	1700	390	110	99	<25
4/7/2015	<25	650	380	170	94	<25
7/23/2015	<25	<25	41	340	56	<25
10/20/2015	<10	24	9.2	<10	15	<10
1/6/2016	<5	<5	9.2	140	2.9	<5
4/7/2016	<10	<10	50	370	<10	<10
7/5/2016	<10	<10	13	320	33	<10
10/26/2016	<10	31	13	310	16	<10
1/19/2017	<10	<10	23	290	<10	<10
4/20/2017	<1	24	27	350	37	<1
7/13/2017	<5	57	140	130	30	<5
10/24/2017	<1	9.6	24	98	6	<1

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