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

**Subject: Fiscal Fourth Quarter 2018 Groundwater Monitoring Report (7/13/18 – 10/25/18)
October 2018 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 2018 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 20, 2017 through April 18, 2018), dated May 31, 2018, and the wells sampled during this groundwater monitoring event reflect this schedule (with the deletion of monitoring wells MW-6, MW-10, and MW-12 which were decommissioned on September 18, 2018 per the NYSDEC-approved work plan dated September 13, 2018). Additionally, two vapor samples were collected from the air stripper and liquid ring pump discharge sampling ports as part of the October 2018 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 currently responsible for the remediation of the subject site until the designated period ends. 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 is to include four quarters of groundwater sampling based on the attached **Table 1**. **Table 1** is updated quarterly; the attached **Table 1** presents the groundwater monitoring schedule for the site from October 2018 through July 2019. 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. The twelfth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 7, 2016 through April 20, 2017) and submitted to NYSDEC on May 30, 2017. During the past year, the thirteenth PRR (April 20, 2017 through April 18, 2018) was completed and submitted to NYSDEC on May 31, 2018. An IC/EC certification was included with each PRR with the exception of the four most recent PRRs; NYSDEC informed AECOM via email that an IC/EC certification form was not auto-generated by the NYSDEC and therefore to submit the PRRs without an IC/EC certification.

Quarterly Groundwater Monitoring Activities – October 2018

AECOM personnel collected quarterly groundwater samples on October 22-25, 2018 (vapor samples were collected on October 22, 2018), in accordance with the procedures outlined in the NYSDEC-approved November 2003 RDWP and the August 2010 letter. October 2018 groundwater samples were collected from monitoring wells MW-2, MW-3, MW-4, MW-8R, MW-11, MW-13S, MW-13D, MW-16S, MW-16D, the GWCT, and the DPE wells (**Figure 2**). Note: MW-6, MW-10, and MW12 were decommissioned on September 18, 2018. 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 22, 2018. 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 well MW-2 is screened across the shallow overburden groundwater zone and MW-3, MW-4, MW-8R, MW-9, and MW-11 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, DPE-6, 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 2018 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 22, 2018 ranged from 686.73 feet above mean sea level (AMSL) at MW-15S to 667.69 feet AMSL at MW-8R. The average groundwater surface elevation across the site was 1.09 feet higher when compared to the prior round of groundwater elevation measurements collected in July 2018. The increase in groundwater elevations may be attributable to seasonal fluctuations. Based on the October 2018

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 2018

Tables 3, 4 and 5 summarize VOC data for groundwater samples collected in October 2018 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 2018

VOCs Detected in Groundwater	Concentration Range (micrograms per liter)	Number of Detections	RAO/NYCRR Exceedances
Chloroethane	2.4 – 1,500	7	4
Vinyl Chloride	17 – 59,000	4	4
1,1-Dichloroethane	1.2 – 700	4	3
Methylene Chloride	0.5 – 11	5	2
cis-1,2-Dichloroethene	1.1 – 73,000	4	2
Acetone	3.4 – 31	4	0
Toluene	17 – 28	2	2
2-Butanone	20 – 49	2	0
1,1-Dichloroethene	400	1	1

Nine VOCs were detected in groundwater from monitoring wells and piezometers sampled above their associated detection limit during the monitoring period. Seven of the nine VOCs detected exceeded either the site-specific RAOs for groundwater or the NYCRR criteria; note that two laboratory cleaning compounds, acetone and 2-butanone, were detected in four and two of the nine samples, respectively. 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 2018 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) degradation products cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC), and of 1,1,1-trichloroethane (1,1,1-TCA) degradation products 1,1-dichloroethane (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 degradation 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 the injection treatment 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 seven of the nine monitoring wells and piezometers sampled in October 2018 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 2018 groundwater data, there were no detections of TCE at the monitoring wells. 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 2018

AECOM personnel collected vapor effluent samples from the combined groundwater remediation system vapor discharge stacks on October 22, 2018. 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 2018

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**. Six VOCs were detected in the AS unit effluent and five VOCs were detected in the DPE vacuum pump effluent. The total VOCs discharged were 9,635 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 0.00333 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.

- AECOM completed the 180-day hazardous waste transport and disposal activities with AECOM subcontractor Heritage Environmental Services, LLC on July 25, 2018.
- During the week of August 20, 2018, AECOM replaced locks on all Site monitoring wells.
- On September 5, 2018, AVOX informed AECOM that the power to the AVOX facility (including remediation systems) would be temporarily turned off for repair of a utility pole; AECOM manually turned the remediation systems off on September 7, 2018 and restarted the remedial systems on September 10, 2018.
- On September 12, 2018, AECOM replaced a coupler on the hold tank transfer tank.
- Per NYSDEC approval on August 29, 2018, AECOM and subcontractor Matrix Environmental Technologies, Inc. completed the well decommissioning activity on September 18, 2018; well decommissioning logs will be included in the April 2019 Periodic Review Report.

Based on a system operational period from July 13, 2018 (Third Quarter groundwater sampling event) to October 25, 2018, the total combined DPE system runtime was approximately 89 percent. During this operational period, the estimated total volume of groundwater treated and discharged by the AS unit to the local sanitary sewer was 22,197 gallons, at an average flow rate of 0.15 gallons per minute.

Summary

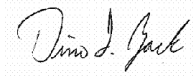
The DPE system and GWCT were fully operational during Fourth Quarter 2018 groundwater sampling and monitoring activities that occurred on October 22-25, 2018. TCE was not detected above its RAO in site perimeter monitoring wells MW-2, MW-3, and MW-11. Following the November 2014 injection pilot test and the April/May 2015 injection treatment, 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), the concentrations of degradation products continue to decrease; i.e., between the July 2018 sampling event and the October 2018 sampling event, the concentrations of cis-1,2-DCE and VC continued to decrease.

Based on the results of the October 2018 sampling event, the combined GWCT and DPE system continues to maintain hydraulic capture of the overburden groundwater. In addition, the system continues to make progress towards the reduction of the concentration of VOCs present in site soil and groundwater. Vapor emissions produced by the system during the Fourth Quarter 2018 were far less than the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event is planned for January 2019; a list of the monitoring wells and piezometers to be sampled is included in **Table 1**.

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

Yours sincerely,



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\Enclosures

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

Tables

Table 1

**Groundwater Monitoring Schedule - January 2019 through October 2019
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	Locations Scheduled for Sampling			
January 2019 (Quarterly)	18	MW-2 MW-11 MW-16D DPE-4 DPE-8	MW-3 MW-13S DPE-1 DPE-5 GWCT	MW-4 MW-13D DPE-2 DPE-6	MW-8R MW-16S DPE-3 DPE-7
April 2019 (Annual)	22	MW-2 MW-9 MW-14S MW-16S DPE-3 DPE-7	MW-3 MW-11 MW-14D MW-16D DPE-4 DPE-8	MW-4 MW-13S MW-15S DPE-1 DPE-5	MW-8R MW-13D MW-15D DPE-2 DPE-6
July 2019 (Quarterly)	18	MW-2 MW-11 MW-16D DPE-4 DPE-8	MW-3 MW-13S DPE-1 DPE-5 GWCT	MW-4 MW-13D DPE-2 DPE-6	MW-8R MW-16S DPE-3 DPE-7
October 2019 (Quarterly)	18	MW-2 MW-11 MW-16D DPE-4 DPE-8	MW-3 MW-13S DPE-1 DPE-5 GWCT	MW-4 MW-13D DPE-2 DPE-6	MW-8R MW-16S DPE-3 DPE-7

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 22, 2018
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	6.44	680.56
MW-3	687.05	13.40	673.65
MW-4	686.50	13.45	673.05
MW-8R	686.29	18.60	667.69
MW-9	689.57	14.21	675.36
MW-11	688.61	12.40	676.21
Nested Piezometers			
MW-13S	686.65	15.86	670.79
MW-13D	686.78	10.86	675.92
MW-14S	685.74	6.89	678.85
MW-14D	685.88	15.69	670.19
MW-15S	687.17	0.44	686.73
MW-15D	687.87	13.83	674.04
MW-16S	688.15	10.42	677.73
MW-16D	688.16	14.32	673.84
Remedial System			
GWCT Manhole (rim)	687.22	19.92	667.30
DPE Wells			
DPE-1	687.17	14.00	673.17
DPE-2	685.32	13.30	672.02
DPE-3	685.98	7.90	678.08
DPE-4	686.00	16.50	669.50
DPE-5	686.00	15.70	670.30
DPE-6	687.53	3.18	684.35
DPE-7	685.92	9.89	676.03
DPE-8	686.03	14.80	671.23

Notes:

TOC - Top of Casing

AMSL - Above Mean Sea Level

NA - Not Available (MW-6 was previously destroyed during snow removal activities)

GWCT - Groundwater Collection Trench

GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole.

Locations re-surveyed on February 23, 2016

Table 3

**Summary of October 2018 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-8R	MW-11	MW-13S
Date Collected	RAO/NYCRR	10/24/18	10/24/18	10/24/18	10/24/18	10/24/18	10/24/18
Lab Sample ID	Objective	480-144170-1	480-144170-2	480-144170-3	480-144170-13	480-144170-6	480-144170-12
Volatile Organic Compounds by Method 8260 (µg/L)							
1,1-Dichloroethane	5*	< 1.0 U	7.8	< 20 U	5.0 J	< 4.0 U	< 40 U
1,1-Dichloroethene	5	< 1.0 U	< 1.0 U	< 20 U	< 10 U	< 4.0 U	< 40 U
2-Butanone (MEK)	50	< 10 U	< 10 U	49 J	20 J	< 40 U	< 400 U
Acetone	50	9.8 J	< 10 U	< 200 U	31	< 40 U	< 400 U
Chloroethane	5*	3.3	2.4	420	38	< 4.0 U	< 40 U
cis-1,2-Dichloroethene	5*	< 1.0 U	1.1	< 20 U	< 10 U	< 4.0 U	2,500
Methylene Chloride	5	0.50 J	0.53 J	11 J	6.1 J	2.4 J	< 40 U
Toluene	5*	< 1.0 U	< 1.0 U	17 J	28	< 4.0 U	< 40 U
Vinyl chloride	5*	< 1.0 U	24	< 20 U	< 10 U	< 4.0 U	940
Total Volatile Organic Compounds	NL	13.6	35.8	497	128	2.4	3,440

Table 3

**Summary of October 2018 Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID	Groundwater	MW-13D	MW-16S	MW-16D
Date Collected	RAO/NYCRR	10/24/18	10/25/18	10/25/18
Lab Sample ID	Objective	480-144170-14	480-144170-8	480-144170-11
Volatile Organic Compounds by Method 8260 (µg/L)				
1,1-Dichloroethane	5*	< 1.0 U	700 J	1.2
1,1-Dichloroethene	5	< 1.0 U	400 J	< 1.0 U
2-Butanone (MEK)	50	< 5.0 U	< 10,000 U	< 5.0 U
Acetone	50	4.1 J	< 10,000 U	3.4 J
Chloroethane	5*	4.2	1,500	38
cis-1,2-Dichloroethene	5*	< 1.0 U	73,000	2.3
Methylene Chloride	5	< 1.0 U	< 1,000 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1,000 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	59,000	17
Total Volatile Organic Compounds	NL	8.3	134,600	59

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 Trichloroethene, Xylene, 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.

NL - Not listed

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	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	01/10/18	04/13/18	07/12/18	10/25/18
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	480-129995-14	480-134234-1	480-138781-6	480-144170-17
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	1.0 U	10 U	10 U	10 U
1,1-Dichloroethane	5*	69	130	10 U	21	20	5.0 U	2.8	2.4	67	5.8 J	10 U	10 U
1,1-Dichloroethene	5	10 U	20 U	10 U	5.0 U	20 U	5.0 U	1.0 U	1.0 U	0.98 J	10 U	10 U	10 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	1.0 U	10 U	10 U	10 U
2-Butanone (MEK)	50	140	200 U	100 U	24 J	200 U	50 U	10	33 J	58	50 J	50 U	21 J
2-Hexanone	50	50 U	100 U	50 U	25 U	100 U	25 U	5.0 U	5.0 U	2.6 J	50 U	50 U	50 U
4-Methyl-2-pentanone (MIBK)	NL	50 U	100 U	50 U	25 U	100 U	25 U	5.0 U	5.0 U	5.0 U	50 U	50 U	50 U
Ethylbenzene	5	10 U	20 U	10 U	5.0 U	20 U	5.0 U	1.0 U	0.51 J	2.3	10 U	10 U	10 U
Acetone	50	310	200 U	100 U	64	65 J	50 U	36	84	160	210	59 J	110
Benzene	1	10 U	20 U	10 U	5.0 U	20 U	5.0 U	1.0 U	1.0 U	1.6	10 U	10 U	10 U
Carbon Disulfide	60	10 U	20 U	10 U	5.0 U	20 U	5.0 U	1.0 U	5.7	1.0	10 U	10 U	10 U
Chloroethane	5*	15	20 U	10 U	9.2	15 J	24	4.1	7.6	20	5.7 J	10 U	10 U
Chloroethane	5	10 U	18 J	10 U	5.0 U	20 U	5.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	5*	71	130	10 U	25	16 J	12	2.4	5.3	58	10 U	10 U	10 U
Methylene Chloride	5	10 U	20 U	10 U	4.3 J	20 U	5.0 U	1.0 U	5.0 U	1.0 U	10 U	10 U	4.4 J
Toluene	5*	18	29	10 U	5.7	20 U	3.8 J	0.74 J	3.6	14	10 U	10 U	10 U
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	1.0	10 U	10 U	10 U
Trichloroethene	5*	23	18 J	10 U	4.7 J	20 U	1.3 J	1.0 U	1.0 U	10	10 U	10 U	10 U
Vinyl chloride	5*	15	31	10 U	6.8	20 U	5.0 U	1.0 U	1.1	15	10 U	10 U	10 U
Xylenes, Total	5	20 U	40 U	20 U	10 U	40 U	10 U	2.0 U	2.0 U	6.9	20 U	20 U	20 U

Notes:

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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	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	01/10/18	04/13/18	07/12/18	10/25/18
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	480-129995-15	480-134234-2	480-138781-7	480-144170-18
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	1.0 U	1.0 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	1.0 U	1.0 U	0.49 J	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	1.0 U	1.0 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	1.0 U	1.0 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	10 U	10 U	10 U	10 U
2-Hexanone	50	25 U	25 U	25 U	5.0 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (MIBK)	NL	25 U	25 U	25 U	5.0 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 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	10 U	10 U	10 U	3.2 J
Benzene	1	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 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	1.0 U	1.0 U	1.0 U	0.32 J
Chloroethane	5*	5.0 U	5.0 U	5.0 U	2.5	3.5 J	1.0 U	1.0 U	1.0 U	1.0 U	2.7	3.5
Chloromethane	5	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.7	3.2 J	11	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5*	240	5.0 U	5.0 U	1.0 U	2.4 J	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.1
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	0.51 J	5.0 U	1.0 U	1.0 U	5.2	1.0 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	1.0 U	1.0 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	1.0 U	1.0 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	1.0 U	1.0 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	1.7	1.0 U	9.9	4.2
Xylenes, Total	5*	5.0 U	5.0 U	10 U	2.0 U	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

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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	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	01/10/18	04/13/18	07/12/18	10/25/18
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	NS	480-134234-2	480-138781-8	480-144170-19
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	NS	25 U	10 U	11
1,1-Dichloroethane	5*	42	24	20 U	5.0 U	10 U	5.0 U	20 U	14	92	34	NS	25 U	15	88
1,1-Dichloroethene	5	26	3.1 J	20 U	5.0 U	10 U	5.0 U	20 U	20	53	11 J	NS	25 U	3.5 J	38 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	NS	25 U	10 U	10 U
2-Butanone (MEK)	50	100 U	610	220	50 U	100 U	50 U	200 U	10	200 U	1,000 U	NS	250 U	100 U	100 U
2-Hexanone	50	50 U	50 U	100 U	25 U	50 U	25 U	100 U	5 U	100 U	100 U	NS	125 U	50 U	50 U
4-Methyl-2-pentanone (MIBK)	NL	50 U	50 U	100 U	25 U	50 U	25 U	100 U	5 U	100 U	100 U	NS	125 U	50 U	50 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	NS	25 U	10 U	10 U
Acetone	50	50 U	110	110 J	50 U	100 U	50 U	200 U	28	200 U	500 U	NS	250 U	100 U	37 J
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	NS	25 U	10 U	10 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	NS	25 U	10 U	10 U
Chloroethane	5*	10 U	23	20 U	5.0 U	10 U	5.0 U	20 U	5.5	20 U	14 J	NS	25 U	10 U	10 U
Chloromethane	5	10 U	10 U	20 U	5.0 U	10 U	6	20 U	1.0 U	20 U	20 U	NS	25 U	10 U	10 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	NS	78	740	10,000
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	NS	25 U	10 U	10 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	NS	25 U	10 U	40
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	NS	25 U	10 U	11
Trichloroethene	5*	6,500	10 U	20 U	5.0 U	10 U	3.1 J	20 U	190	69	430	NS	25 U	31	120
Vinyl chloride	5*	120	240	20 U	12	43	10	45	480	10,000	430	NS	35	360	2,700
Xylenes, Total	5	20 U	20 U	20 U	10 U	20 U	10 U	40 U	2.0 U	40 U	40 U	NS	50 U	20 U	20 U

Notes:

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Table 4

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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	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	01/10/18	04/13/18	07/12/18	10/25/18
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	480-12995-16	480-134234-4	480-138781-9	480-144170-20
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	50 U	10 U	10 U	1.0 U
1,1-Dichloroethane	5*	8.1	130	450	400 U	2.5	100 U	20	NS	22 J	50 U	10 U	8.4 J	1.0 U
1,1-Dichloroethene	5	10 U	30	460	400 U	1.0 U	100 U	17 J	NS	34 J	50 U	10 U	7.0 J	1.0 U
1,2-Dichloroethane	0.6	10 U	2.2 J	100 U	400 U	1.0 U	100 U	20 U	NS	50 U	50 U	10 U	10 U	0.65 J
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	500 U	100 U	100 U	10 U
2-Hexanone	50	50 U	50 U	500 U	2,000 U	5 U	500 U	100 U	NS	2,500 U	250 U	50 U	50 U	5.0 U
4-Methyl-2-pentanone (MIBK)	NL	50 U	50 U	500 U	2,000 U	5 U	500 U	100 U	NS	2,500 U	250 U	50 U	50 U	5.0 U
Ethylbenzene	5	10 U	10 U	100 U	400 U	1.0 U	100 U	20 U	NS	50 U	50 U	10 U	10 U	1.0 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	190 J	100 U	100 U	10 U
Benzene	1	10 U	10 U	100 U	400 U	1.0 U	100 U	20 U	NS	50 U	50 U	10 U	10 U	1.0 U
Carbon Disulfide	60	10 U	3.4 J	100 U	400 U	2.1	100 U	20 U	NS	50 U	50 U	10 U	10 U	1.0 U
Chloroethane	5*	10 U	49	110	400 U	4.6	100 U	8 J	NS	50 U	50 U	10 U	10 U	1.0 U
Chloromethane	5	10 U	10 U	230	400 U	1.0 U	100 U	20 U	NS	50 U	50 U	10 U	10 U	1.0 U
cis-1,2-Dichloroethene	5*	510	30,000	130,000	25,000	130	4,300	4,400	NS	6,000	2,100	320	2,600	29
Methylene Chloride	5	10 U	8.1 J	100 U	260 J	5.7 J	81 J	20 U	NS	250 U	320	10 U	10 U	1.0 U
Toluene	5*	10 U	28	140	400 U	1.0 U	100 U	7 J	NS	50 U	50 U	10 U	10 U	1.0 U
trans-1,2-Dichloroethene	5	10 U	36	100 U	400 U	1.0 U	100 U	76	NS	50 U	50 U	10 U	10 U	1.0 U
Trichloroethene	5*	630	93	120	400	1.4	100 U	120	NS	13 J	47 J	10 U	34	1.0 U
Vinyl chloride	5*	31	4,700	37,000	12,000	44	1,100	1,400	NS	3,700	430	62	810	18
Xylenes, Total	5	50 U	50 U	500 U	200 U	5 U	500 U	100 U	NS	150 U	100 U	20 U	20 U	2.0 U

Notes:

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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	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	01/10/18	04/13/18	07/12/18	10/25/18
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	480-129995-17	480-134234-5	480-138781-10	480-144170-21
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	10 U	40 U	50 U	50 U
1,1-Dichloroethane	5*	160	30	59	17	110	150	44	45	100	66	140	87	50 U
1,1-Dichloroethene	5	2.9 J	10 U	10 U	10 U	10 U	82	20 U	8.0 U	1.0 U	10 U	15 J	50 U	50 U
1,2-Dichloroethane	0.6	10 U	10 U	10 U	10 U	10 U	9.3 J	20 U	8.0 U	1.0 U	10 U	40 U	50 U	50 U
2-Butanone (MEK)	50	26 J	330	660	78 J	100 U	500 U	200 U	80 U	240	21 J	400 U	500 U	500 U
2-Hexanone	50	50 U	50 U	50 U	50 U	50 U	50 U	100 U	40 U	5.0 U	50 U	200 U	250 U	250 U
4-Methyl-2-pentanone (MIBK)	NL	50 U	50 U	50 U	50 U	50 U	50 U	100 U	40 U	5.0 U	50 U	200 U	250 U	250 U
Ethylbenzene	5	10 U	10 U	10 U	10 U	10 U	50 U	20 U	8.0 U	1.8 U	10 U	40 U	50 U	50 U
Acetone	50	120	240	340	120	180	160 J	200 U	200	25 U	90 J	120 J	500 U	500 U
Benzene	1	10 U	10 U	10 U	10 U	10 U	50 U	20 U	8.0 U	0.52 J	10 J	40 J	50 U	50 U
Carbon Disulfide	60	10 U	10 U	10 U	10 U	10 U	50 U	20 U	12	3.0	3.1 J	40 J	50 U	50 U
Chloroethane	5*	46	51	81	87	120	130	38	60	80	80	150	100	50 U
Chloromethane	5	10 U	10 U	10 U	10 U	10 U	10 U	20 U	8.0 U	1.0 U	10 U	40 U	50 U	50 U
cis-1,2-Dichloroethene	5*	320	410	610	120	2,800	33,000	2,000	290	1,400	480	3,500	2,100	1,100
Methylene Chloride	5	10 U	4.5 J	10 U	10 U	10 U	26 J	20 U	8.0 U	5.0 U	10 U	40 U	50 U	50 U
Toluene	5*	30	11	9.2	10 U	10 U	12	37 J	8.0 U	5.7	9.6 J	20 J	50 U	50 U
trans-1,2-Dichloroethene	5	10 U	11	20	10 U	10 U	10 U	24	8.0 U	22	10	40 U	50 U	50 U
Trichloroethene	5*	160	10 U	10 U	10 U	14	250	5.5 J	8.0 U	1.0 U	6.7 J	40 U	50 U	50 U
Vinyl chloride	5*	71	180	170	71	1,600	6,400	570	190	1,600	250	2,200	1,700	660
Xylenes, Total	5	50 U	50 U	50 U	50 U	50 U	50 U	100 U	40 U	2.3 J	20 U	80 U	100 U	100 U

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Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID	Groundwater	DPE-6
Date Collected	RAO/ NYCRR	10/25/18
Lab Sample ID	Objective	480-144170-4
Volatile Organic Compounds by Method 8260 (µg/L)		
1,1,1-Trichloroethane	5*	20 U
1,1-Dichloroethane	5*	700
1,1-Dichloroethene	5	47 J
1,2-Dichloroethane	0.6	20 U
2-Butanone (MEK)	50	380
2-Hexanone	50	100 U
4-Methyl-2-pentanone (MIBK)	NL	42 J
Ethylbenzene	5	20 U
Acetone	50	1,700
Benzene	1	20 U
Carbon Disulfide	60	20 U
Chloroethane	5*	20 U
Chloromethane	5	20 U
cis-1,2-Dichloroethene	5*	310
Methylene Chloride	5	12 J
Toluene	5*	13 J
trans-1,2-Dichloroethene	5	20 U
Trichloroethene	5*	17 J
Vinyl chloride	5*	180
Xylenes, Total	5	20 U

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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	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	01/10/18	04/13/18	07/12/18	10/25/18
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	480-129995-18	480-134234-6	480-138781-11	480-144170-5
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	10 U	20 U	10 U	10 U
1,1-Dichloroethane	5*	460	250	390	63	20 U	91	120	45	67	10 U	65	28	10 U
1,1-Dichloroethene	5	47 J	12 J	20 U	20 U	20 U	20 U	0.48 J	20 U	1.0 U	10 U	20 U	10 U	10 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	10 U	20 U	10 U	10 U
2-Butanone (MEK)	50	50 U	150 J	940	530	210	270	280	120 J	67	100 U	130 J	50 J	18 J
2-Hexanone	50	50 U	100 U	100 U	100 U	100 U	100 U	5.0 U	100 U	5.0 U	50 U	100 U	50 U	50 U
4-Methyl-2-pentanone (MIBK)	NL	50 U	100 U	100 U	100 U	100 U	100 U	5.0 U	100 U	5.0 U	50 U	100 U	50 U	50 U
Ethylbenzene	5	10 U	20 U	20 U	20 U	20 U	20 U	1.0 U	20 U	1.0 U	10 U	20 U	10 U	10 U
Acetone	50	50 U	1,100	530	230	130 J	140 J	150	130 J	30	100 U	81 J	37 J	100 U
Benzene	1	10 U	20 U	20 U	20 U	20 U	20 U	1.0	20 U	0.66 J	10 U	20 U	10 U	10 U
Carbon Disulfide	60	10 U	20 U	20 U	20 U	20 U	20 U	1.0 U	20 U	1.0 U	10 U	20 U	10 U	10 U
Chloroethane	5*	11	27	260	260	110	530	360	450	340	340	390	320	190
Chloromethane	5	10 U	20 U	20 U	20 U	20 U	20 U	1.0 U	20 U	1.0 U	10 U	20 U	10 U	10 U
cis-1,2-Dichloroethene	5*	11,000	820	680	26	27	20 U	67	20 U	1.3	10	20 U	10 U	10 U
Methylene Chloride	5	10 U	11 J	20 U	20 U	20 U	12 J	1.0 U	20 U	5.0 U	10 U	25	10 U	5.8 J
Toluene	5*	10 U	20 U	20 U	20 U	20 U	20 U	5.8	20 U	2.0	10 U	20 U	10 U	10 U
trans-1,2-Dichloroethene	5	10 U	20 U	20 U	20 U	20 U	20 U	4.1 J	20 U	1.3	10 U	20 U	10 U	10 U
Trichloroethene	5*	1,300	20 U	12 J	20 U	20 U	20 U	0.93 J	20 U	0.46 J	10 U	20 U	10 U	10 U
Vinyl chloride	5*	580	470	780	300	20 U	50	270	110	25	10 U	59	130	10 U
Xylenes, Total	5	50 U	100 U	100 U	100 U	100 U	100 U	5.0 U	100 U	5.0 U	20 U	40 U	20 U	20 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.

NS - Not sampled.

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	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	01/10/18	04/13/18	07/12/18	10/25/18
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	480-129995-19	480-134234-7	480-138781-3	480-144170-5
Volatile Organic Compounds by Method 8260 (µg/L)													
1,1,1-Trichloroethane	5*	57	170	39	21	170	55	100 U	4.8	20 U	75	30	20 U
1,1-Dichloroethane	5*	140	590	58	22	130	50 U	310	4.4	50	71	28	330
1,1-Dichloroethene	5	50 U	20	5.0 U	4.0 J	27 J	50 U	100 U	1.6	8.2 J	6.5 J	20 U	20 U
1,2-Dichloroethane	0.6	50 U	20 U	5.0 U	5.0 U	40 U	50 U	100 U	1.0 U	20 U	20 U	20 U	20 U
2-Butanone (MEK)	50	540	260	50 U	50 U	400 U	500 U	1,000 U	50 U	200 U	200 U	200 U	200 U
2-Hexanone	50	250 U	100 U	25 U	25 U	200 U	250 U	500 U	5 U	100 U	100 U	100 U	100 U
4-Methyl-2-pentanone (MIBK)	NL	250 U	100 U	25 U	25 U	200 U	250 U	500 U	5 U	100 U	100 U	100 U	100 U
Ethylbenzene	5	50 U	20 U	5.0 U	5.0 U	40 U	50 U	100 U	1.0 U	20 U	20 U	20 U	20 U
Acetone	50	890	220	50 U	50 U	400 U	500 U	1,000 U	25 U	200 U	200 U	200 U	200 U
Benzene	1	50 U	20 U	5.0 U	5.0 U	40 U	50 U	100 U	1.0 U	20 U	20 U	20 U	20 U
Carbon Disulfide	60	50 U	11	5.0 U	5.0 U	40 U	50 U	51 J	1.0 U	20 U	20 U	20 U	8.5 J
Chloroethane	5*	50 U	54	44	12	40 U	50 U	100 U	1.8	22	30	20 U	62
Chloromethane	5	50 U	20 U	5.0 U	5.0 U	40 U	50 U	100 U	1.0 U	20 U	20 U	20 U	20 U
cis-1,2-Dichloroethene	5*	1,500	2,300	5.0 U	850	4,100	4,800	8,500	110	540	1,600	1,000	19,000
Methylene Chloride	5	23 J	20 U	5.0 U	5.0 U	40 U	50 U	100 U	5.0 U	20 U	20 U	20 U	11 J
Toluene	5*	50 U	20 U	5.0 U	5.0 U	40 U	50 U	100 U	1.0 U	20 U	20 U	20 U	10 J
trans-1,2-Dichloroethene	5	50 U	55	8.1	5.0 U	40 U	57	100 U	0.99	20 U	20 U	20 U	34
Trichloroethene	5*	230	92	5.4	8.4	98	36 J	100 U	6.6	11 J	65 J	40	20 U
Vinyl chloride	5*	1,400	1,700	110	140	920	480	2,300	1.0 U	410	480	120	1,800
Xylenes, Total	5	250 U	100 U	25 U	25 U	200 U	250 U	500 U	5.0 U	40 U	40 U	40 U	40 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.

NS - Not sampled.

Table 5

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

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objective	GWCT Manhole 07/24/15 480-84562-15	GWCT Manhole 10/19/15 480-89674-20	GWCT Manhole 01/05/16 480-93630-15	GWCT Manhole 04/04/16 480-84562-15	GWCT Manhole 07/05/16 480-102662-4	GWCT Manhole 10/27/16 480-108538-2	GWCT Manhole 01/16/17 480-112334-8
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
2-Butanone (MEK)	50	2.4 J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U
Acetone	50	7.0 J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroethane	5*	< 1.0 U	< 1.0 U	62	44	70	34	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
Ethylbenzene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	0.99 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	12.8	0.7	63	44	70	34	45

Table 5

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

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objective	GWCT Manhole 04/20/17 480-116720-15	GWCT Manhole 07/11/17 480-121042-15	GWCT Manhole 10/23/17 480-126420-1	GWCT Manhole 01/08/18 480-129995-13	GWCT Manhole 04/13/18 480-134234-8	GWCT Manhole 07/12/18 480-138781-4	GWCT Manhole 10/24/18 480-144170-15
Volatile Organic Compounds by Method 8260 (µg/L)								
1,1-Dichloroethane	5*	0.74 J	< 1.0 U	< 1.0 U	< 1.0 U	0.52 J	< 1.0 U	< 1.0 U
2-Butanone (MEK)	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	50	< 10 U	< 10 U	< 10 U	< 10 U	10 J	< 10 U	< 10 U
Chloroethane	5*	26	65	45	64	53	49	38
cis-1,2-Dichloroethene	5*	0.74 J	< 1.0 U	< 1.0 U	5.1	< 1.0 U	< 1.0 U	< 1.0 U
Ethylbenzene	5	< 1.0 U	< 1.0 U	0.19 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	0.25 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	0.34 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Xylenes, Total	5*	< 2.0 U	< 2.0 U	0.67 J	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	27	65	45	69	64	49	38

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 2018
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	Jan 2018	Apr 2018	Jul 2018	Oct 2018	TCE Reduction - Previous Sampling	TCE Reduction - Baseline Sampling
MW-2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-3	<1	<1	<1	<1	<1	<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	<5	<20	<5	<20	ND	>99%
MW-6 ⁽²⁾	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	NS	NS	NA	NA
MW-8R	2,100	<2,000	200	<25	<1,000	<1,000	24	<100	<100	14	<400	7.7	NS	13	<10	<10	ND	>99%
MW-10 ⁽²⁾	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	NA	NA
MW- 11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<4	ND	ND
MW-12 ⁽²⁾	NS	<1	<1	<1	<1	<5	<5	<1	<4	<1	<1	<1	<1	<4	<5	NS	NA	NA
MW-13S	19,000	31,000	<500	<10	41	<100	<4	<2	2.1	0.26	<2	<5	<40	<40	<40	<40	ND	>99%
MW-16S	160,000	26,000	5,100	<4,000	<4,000	<4,000	<2,000	<500	<500	86	<1,000	<500	<1,000	<1,000	<1,000	<1,000	ND	>99%

Notes:

(1) New baseline established following November 2014 injection pilot study.

(2) Well was decommissioned

ND - Not Detected

NA - Not Available

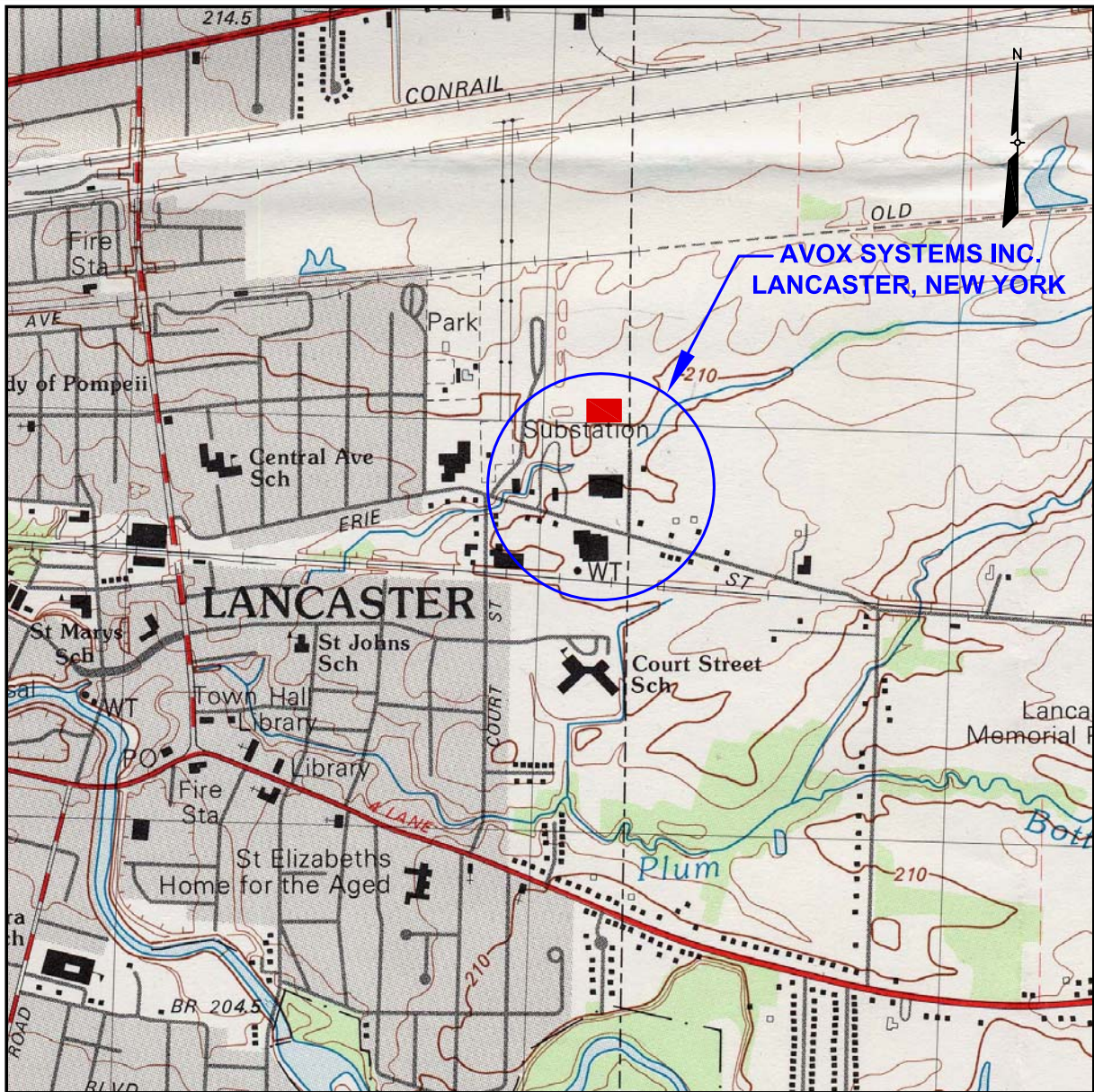
NS - Not Sampled

Table 7

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

	LRP Effluent 3Q18 10/22/2018	AS Effluent 3Q18 10/22/2018
<u>VOCs by Method TO-15 (µg/m³)</u>		
1,1-Dichloroethane	68	2.3
1,2-Dichloroethene, Total	5,900	300
1,3-Dichlorobenzene	U	14
Carbon disulfide	U	3.5
Chloroethane	U	93
Methyl Ethyl Ketone	170	U
Trichloroethene	73	U
Vinyl chloride	3,000	11
Total Detected VOCs (µg/m ³)	9,211	424
Vacuum (inches Hg)	23.5	5.5
Air Flow Rate (acfm)	89	170
VOC discharge loading (lb/hr)	0.00306	0.00027
Total VOC discharge loading (lb/hr)	0.00333	
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

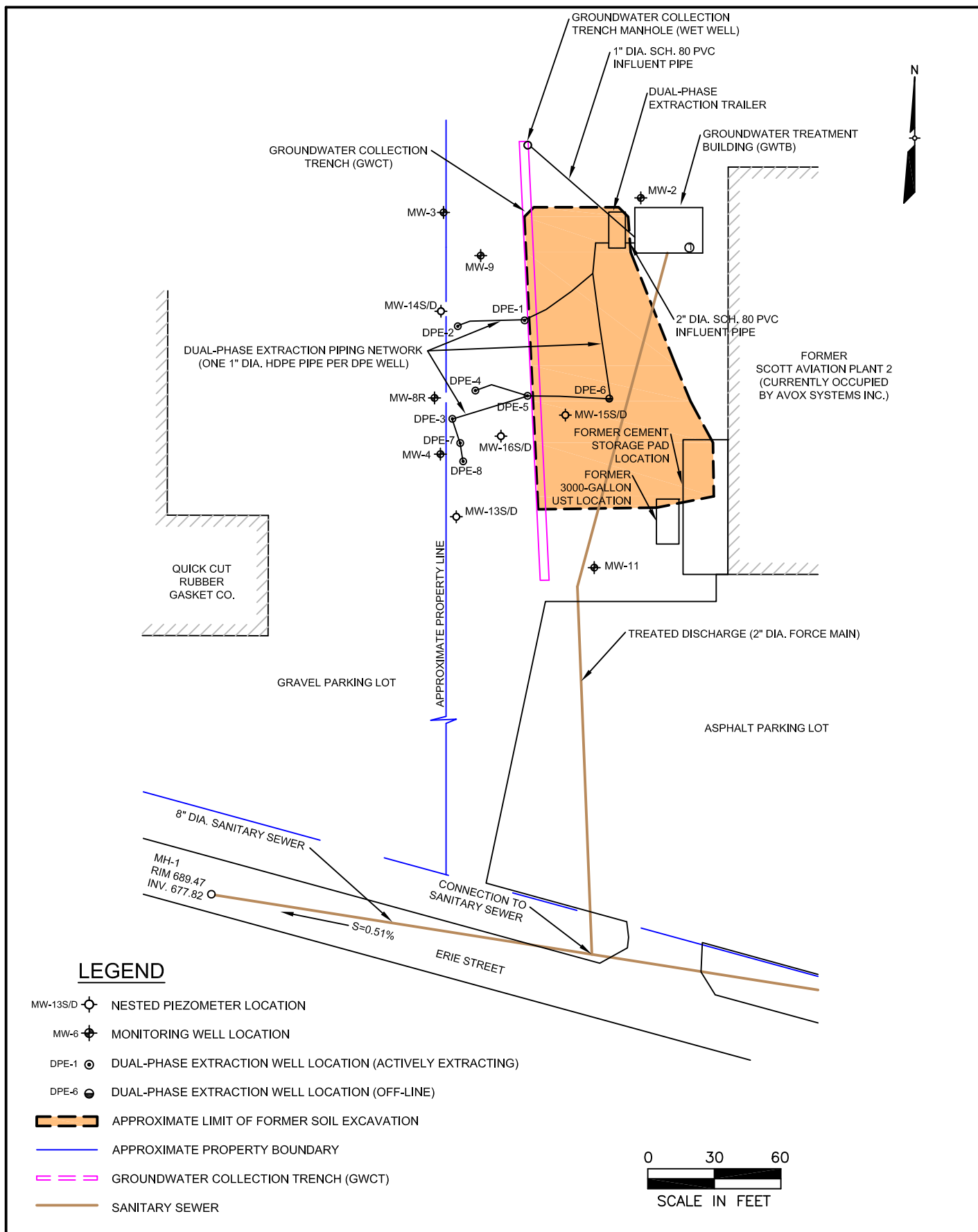
■ AVOX PLANT 3 ADDED AFTER PUBLICATION OF LANCASTER, NEW YORK
TOPOGRAPHIC QUADRANGLE.

0 1000 2000
SCALE IN FEET

AECOM

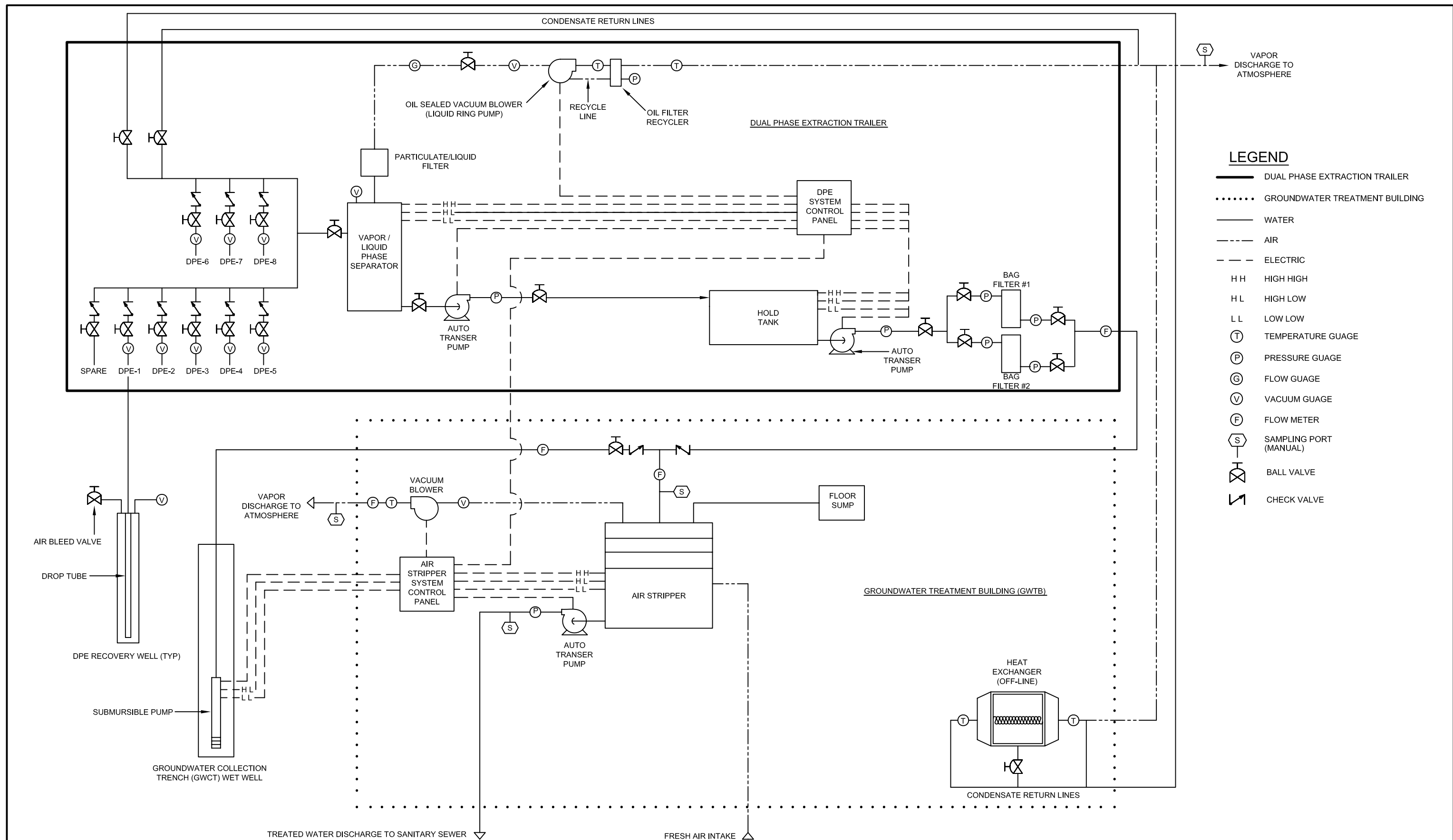
**FIGURE 1
SITE LOCATION MAP**

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



**FIGURE 2
SITE FEATURES MAP**

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



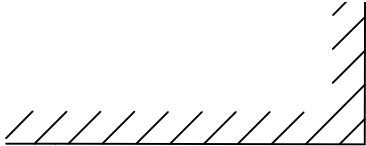
AECOM

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

Quarterly Groundwater Monitoring Water Level Data - October 22, 2018
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

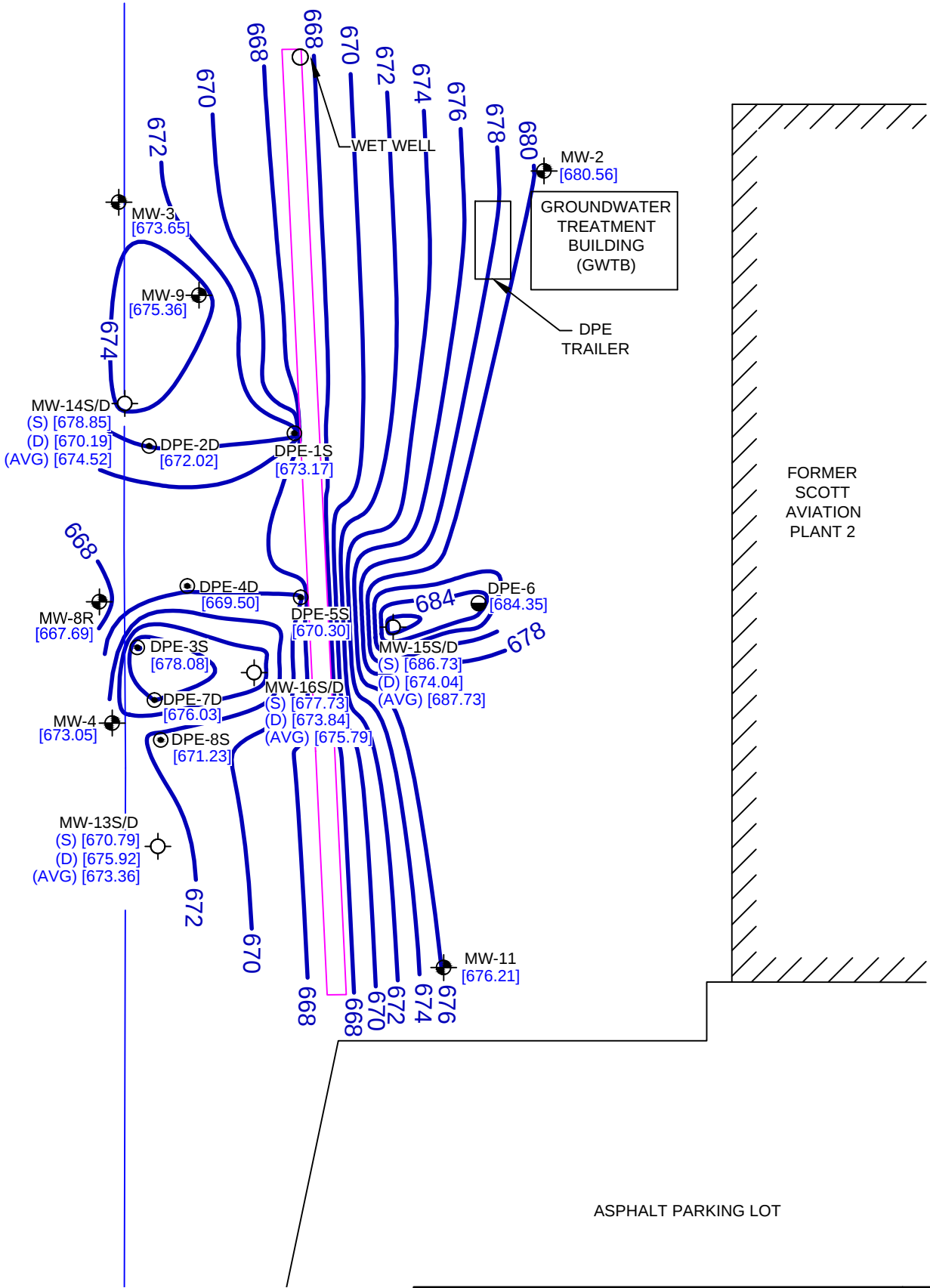
Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.00	6.44	680.56
MW-3	687.05	13.40	673.65
MW-4	686.50	13.45	673.05
MW-8R	686.29	18.60	667.69
MW-9	689.57	14.21	675.36
MW-11	688.61	12.40	676.21
Nested Piezometers			
MW-13S	686.65	15.86	670.79
MW-13D	686.78	10.86	675.92
MW-14S	685.74	6.89	678.85
MW-14D	685.88	15.69	670.19
MW-15S	687.17	0.44	686.73
MW-15D	687.87	13.83	674.04
MW-16S	688.15	10.42	677.73
MW-16D	688.16	14.32	673.84
Remedial System			
GWCT Manhole (rim)	687.22	19.92	667.30
DPE Wells			
DPE-1	687.17	14.00	673.17
DPE-2	685.32	13.30	672.02
DPE-3	685.98	7.90	678.08
DPE-4	686.00	16.50	669.50
DPE-5	686.00	15.70	670.30
DPE-6	687.53	3.18	684.35
DPE-7	685.92	9.89	676.03
DPE-8	686.03	14.80	671.23

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NA - Not Available (MW-6 was previously destroyed during snow removal activities)
GWCT - Groundwater Collection Trench
GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole.
Locations re-surveyed on February 23, 2016
GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole.
Locations re-surveyed on February 23, 2016



GRAVEL PARKING LOT

ASPHALT PARKING LOT



LEGEND

- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- MW-6 WELL IS DAMAGED
- [684.35] 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
- [NA] NOT ACCESSIBLE

NOTES

- GROUNDWATER ELEVATIONS WERE AVERAGED AT SHALLOW AND DEEP PIEZOMETER PAIR LOCATIONS (e.g. MW-15S/D) TO COMPARE TO ELEVATIONS MEASURED IN WELLS SCREENED ACROSS THE ENTIRE OVERBURDEN THICKNESS.
- GROUNDWATER ELEVATION LEVELS WERE COLLECTED ON OCTOBER 22, 2018.



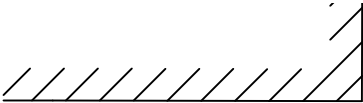
AECOM

FIGURE 4
OCTOBER 22, 2018 AVERAGE OVERBURDEN
GROUNDWATER ELEVATIONS
(WITH DPE DATA)
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

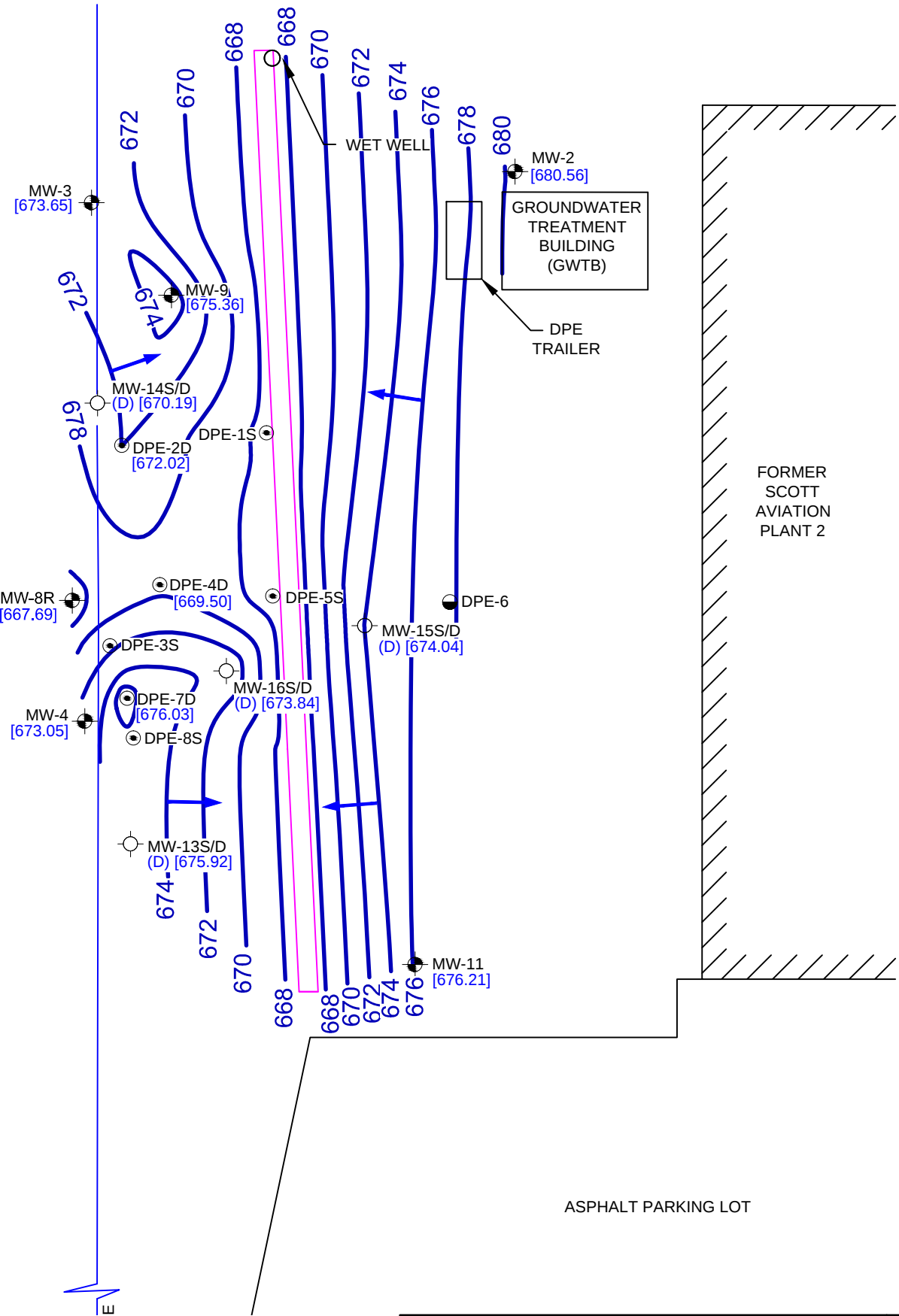
Quarterly Groundwater Monitoring Water Level Data - October 22, 2018
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

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	6.44	680.56
MW-3	687.05	13.40	673.65
MW-4	686.50	13.45	673.05
MW-8R	686.29	18.60	667.69
MW-9	689.57	14.21	675.36
MW-11	688.61	12.40	676.21
Nested Piezometers			
MW-13S	686.65	15.86	670.79
MW-13D	686.78	10.86	675.92
MW-14S	685.74	6.89	678.85
MW-14D	685.88	15.69	670.19
MW-15S	687.17	0.44	686.73
MW-15D	687.87	13.83	674.04
MW-16S	688.15	10.42	677.73
MW-16D	688.16	14.32	673.84
Remedial System			
GWCT Manhole (rim)	687.22	19.92	667.30
DPE Wells			
DPE-1	687.17	14.00	673.17
DPE-2	685.32	13.30	672.02
DPE-3	685.98	7.90	678.08
DPE-4	686.00	16.50	669.50
DPE-5	686.00	15.70	670.30
DPE-6	687.53	3.18	684.35
DPE-7	685.92	9.89	676.03
DPE-8	686.03	14.80	671.23

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
NA - Not Available (MW-6 was previously destroyed during snow removal activities)
GWCT - Groundwater Collection Trench
GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole.
Locations re-surveyed on February 23, 2016
GWCT is 200 feet long with a 0.01 foot/foot slope to the manhole.
Locations re-surveyed on February 23, 2016



GRAVEL PARKING LOT



ASPHALT PARKING LOT

LEGEND

MW-13S/D NESTED PIEZOMETER LOCATION

MW-9 MONITORING WELL LOCATION

DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)

DPE-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)

MW-6 WELL IS DAMAGED

[674.04] GROUNDWATER SURFACE ELEVATION IN FEET MSL

676 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

[NA] NOT ACCESSIBLE

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 ELEVATION LEVELS WERE COLLECTED ON OCTOBER 22, 2018.



FIGURE 5
OCTOBER 22, 2018 DEEP OVERBURDEN
GROUNDWATER ELEVATIONS
(WITH DPE DATA)
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK





APPENDIX A

Field Forms

Date (mo/day/yr) <u>10/24/2018</u>	Casing Diameter <u>2</u> inches
Field Personnel <u>S. Connelly M. Sheehan</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>690.35</u> 1/100 ft
Job # <u>60538931</u>	Height of Riser (above land surface) _____ 1/100 ft
Well ID # <u>MW-2</u>	Land Surface Elevation _____ 1/100 ft
<u> </u> Upgradient <u> </u> Downgradient	Screened Interval (below land surface) <u>7-17</u> 1/100 ft
Weather Conditions <u>Cloudy</u>	
Air Temperature <u>41</u> ° F	
Total Depth (TWD) Below Top of Casing = <u>16</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>6.62</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>9.38</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>1.5</u> gal	
3 Casing Volumes = <u>4.6</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.8</u> gal	

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

	200	200	200	200	200	200		
Flow Rate (ml/min)	200	200	200	200	200	200		
Time (Military)	8:25	8:30	8:35	8:40	8:45	8:50		
Depth to Groundwater Below Top of Casing (ft)	9.03	9.76	10.10	10.40	10.89	11.09		
Drawdown (ft)	-2.41	-0.73	-0.34	-0.30	-0.49	-0.20		
pH (S.U.)	7.25	6.57	6.46	6.47	6.49	6.47		
Sp. Cond. (mS/cm)	0.75	0.78	0.74	0.70	0.67	0.69		
Turbidity (NTUs)	66.50	19.40	14.20	14.10	16.90	17.10		
Dissolved Oxygen (mg/L)	1.20	1.04	0.83	0.51	0.39	0.36		
Water Temperature (°C)	12.00	15.00	15.10	15.30	15.50	15.50		
ORP (mV)	61.40	9.80	-6.10	-11.40	-15.80	-16.40		

Physical appearance at start	Color	<u>Clear</u>	Physical appearance at sampling	Color	<u>Clear</u>
	Odor	<u>None</u>		Odor	<u>None</u>
Sheen/Free Product		<u>None</u>	Sheen/Free Product		<u>None</u>

COMMENTS/OBSERVATIONS Began purge at 0823 hrs. Sample at 0855 hrs.



GROUNDWATER SAMPLING LOG

Page 1 of 1

Date (mo/day/yr) <u>10/24/2018</u>	Casing Diameter <u>2</u> inches
Field Personnel <u>S. Connelly M. Sheehan</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>687.05</u> 1/100 ft
Job # <u>60538931</u>	Height of Riser (above land surface) <u>1.15</u> 1/100 ft
Well ID # <u>MW-3</u>	Land Surface Elevation <u>685.9</u> 1/100 ft
☐ Upgradient ☐ Downgradient	Screened Interval (below land surface) <u>7.5 - 27.5</u> 1/100 ft
Weather Conditions <u>Cloudy</u>	
Air Temperature <u>43</u> ° F	
Total Depth (TWD) Below Top of Casing = <u>28</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>13.0</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = <u>15</u> 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>2.4</u> gal	
3 Casing Volumes = <u>9.0</u> gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>1.4</u> gal	

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

FIELD ANALYSES

	150	150	150	150	150	100		
Flow Rate (ml/min)	150	150	150	150	150	100		
Time (Military)	9:50	9:55	10:00	10:05	10:10	10:15		
Depth to Groundwater Below Top of Casing (ft)	13.30	13.40	13.66	13.85	14.75	14.42		
Drawdown (ft)	0.30	-0.10	-0.26	-0.19	-0.90	0.33		
pH (S.U.)	6.89	7.05	6.90	6.87	6.87	6.87		
Sp. Cond. (mS/cm)	2.18	11.90	1.00	0.95	0.94	0.93		
Turbidity (NTUs)	46.50	29.50	25.40	11.23	21.90	6.57		
Dissolved Oxygen (mg/L)	2.70	0.49	0.39	0.28	0.26	0.25		
Water Temperature (°C)	11.60	11.70	11.60	11.30	11.80	11.70		
ORP (mV)	-25.60	-26.80	-21.60	-20.90	-21.40	-21.90		

Physical appearance at start	Color <u>orange tint</u>	Physical appearance at sampling	Color <u>orange tint</u>
	Odor <u>none</u>		Odor <u>none</u>
Sheen/Free Product <u>none</u>		Sheen/Free Product <u> </u>	

COMMENTS/OBSERVATIONS Began purge @ 0948 hrs. Sample @ 1020 hrs.

Iron bacteria in purge water.



GROUNDWATER SAMPLING LOG

Page 1 of 1

Date (mo/day/yr) <u>10/24/2018</u>		Casing Diameter <u>2</u> inches
Field Personnel <u>S.Connelly M.Sheehan</u>		Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation <u>686.5</u> 1/100 ft
Job # <u>60538931</u>		Height of Riser (above land surface) <u>-0.39</u> 1/100 ft
Well ID # <u>MW-4</u>		Land Surface Elevation <u>686.89</u> 1/100 ft
<u> </u> Upgradient <u> </u> Downgradient		Screened Interval (below land surface) <u>15.5 - 25.5</u> 1/100 ft
Weather Conditions <u>Cloudy</u>		
Air Temperature <u>43</u> ° F		
Total Depth (TWD) Below Top of Casing = <u>26</u> 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing = <u>12.85</u> 1/100 ft		
Length of Water Column (LWC) = TWD - DGW = <u>13.15</u> 1/100 ft		
1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>2.14</u> gal		
3 Casing Volumes = <u>6.4</u> gal		
Method of Well Evacuation <u>Peristaltic Pump</u>		
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>		
Total Volume of Water Removed <u>1.8</u> gal		

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

FIELD ANALYSES

	225	225	225	225	225		
Flow Rate (ml/min)	11:25	11:30	11:35	11:40	11:45		
Time (Military)							
Depth to Groundwater Below Top of Casing (ft)	13.35	14.30	15.00	17.20	17.40		
Drawdown (ft)	-0.20	-0.95	-0.70	-2.20	-0.20		
pH (S.U.)	6.96	7.02	7.11	7.18	7.20		
Sp. Cond. (mS/cm)	1.96	2.94	2.72	2.78	2.80		
Turbidity (NTUs)	-57.00	8.11	5.02	5.02	4.48		
Dissolved Oxygen (mg/L)	1.16	0.48	0.33	0.30	0.29		
Water Temperature (°C)	11.30	12.20	12.20	12.30	12.10		
ORP (mV)	-143.20	-168.20	-174.60	-181.60	-184.50		

Physical appearance at start	Color <u>Clear</u>	Physical appearance at sampling	Color <u>Clear</u>
	Odor <u>None</u>		Odor <u>None</u>
Sheen/Free Product <u>None</u>		Sheen/Free Product <u>None</u>	

COMMENTS/OBSERVATIONS Began purge @ 1123 hrs.

Sample @ 1150 hrs.



GROUNDWATER SAMPLING LOG

Page 1 of 1

Date (mo/day/yr) <u>10/24/2018</u>		Casing Diameter <u>4</u> inches
Field Personnel <u>S.Connelly M.Sheehan</u>		Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation <u>686.29</u> 1/100 ft
Job # <u>60538931</u>		Height of Riser (above land surface) <u>-0.29</u> 1/100 ft
Well ID # <u>MW-8R</u>		Land Surface Elevation <u>686.58</u> 1/100 ft
☐ Upgradient ☐ Downgradient		Screened Interval (below land surface) <u>14 - 24</u> 1/100 ft
Weather Conditions <u>Cloudy</u>		
Air Temperature <u>43</u> ° F		
Total Depth (TWD) Below Top of Casing = <u>27.2</u> 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing = <u>18.2</u> 1/100 ft		
Length of Water Column (LWC) = TWD - DGW = <u>9</u> 1/100 ft		
1 Casing Volume (OCV) = LWC x <u>0.163</u> = <u>1.5</u> gal		
3 Casing Volumes = <u>4.4</u> gal		
Method of Well Evacuation <u>Peristaltic Pump</u>		
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>		
Total Volume of Water Removed <u>0.8</u> gal		

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

FIELD ANALYSES

	100	100	100	100	100		
Flow Rate (ml/min)	100	100	100	100	100		
Time (Military)	10:45	10:50	10:55	11:00	11:05		
Depth to Groundwater Below Top of Casing (ft)	19.05	19.26	19.50	19.60	19.98		
Drawdown (ft)	-0.85	-0.21	-0.24	-0.10	-0.38		
pH (S.U.)	7.08	7.19	7.25	7.27	7.31		
Sp. Cond. (S/cm)	1.42	1.46	1.45	1.47	1.48		
Turbidity (NTUs)	614.00	39.00	23.90	13.40	10.20		
Dissolved Oxygen (g/L)	1.30	0.22	0.21	0.20	0.21		
Water Temperature (°C)	11.80	12.00	12.00	11.90	11.90		
ORP (mV)	-60.50	-129.10	-146.30	-150.60	-152.70		

Physical appearance at start	Color <u>black</u>	Physical appearance at sampling	Color <u>clear</u>
	Odor <u>slight</u>		Odor <u>none</u>
Sheen/Free Product <u>none</u>		Sheen/Free Product <u>none</u>	

COMMENTS/OBSERVATIONS Start purge @ 10:56 hrs. Began pulling up thick black sediment, let pump without flow through cell until it cleared up. Sample @ 11:10 hrs



GROUNDWATER SAMPLING LOG

Page 1 of 1

Date (mo/day/yr) <u>10/24/2018</u>		Casing Diameter <u>1</u> inches																																														
Field Personnel <u>S. Connelly M. Sheehan</u>		Casing Material <u>PVC</u>																																														
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation <u>685.88</u> 1/100 ft																																														
Job # <u>60538931</u>		Height of Riser (above land surface) <u>-0.36</u> 1/100 ft																																														
Well ID # <u>MW-13D</u>		Land Surface Elevation <u>686.24</u> 1/100 ft																																														
☐ Upgradient ☐ Downgradient		Screened Interval (below land surface) <u>19.5-23.5</u> 1/100 ft																																														
Weather Conditions <u>Cloudy</u>																																																
Air Temperature <u>44</u> ° F																																																
Total Depth (TWD) Below Top of Casing = <u>23.5</u> 1/100 ft																																																
Depth to Groundwater (DGW) Below Top of Casing = <u>11.41</u> 1/100 ft																																																
Length of Water Column (LWC) = TWD - DGW = <u>12.09</u> 1/100 ft																																																
1 Casing Volume (OCV) = LWC x <u>0.041</u> = <u>0.5</u> gal																																																
3 Casing Volumes = <u>1.5</u> gal																																																
Method of Well Evacuation <u>Peristaltic Pump</u>																																																
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>																																																
Total Volume of Water Removed <u>1.6</u> gal																																																
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Container</th><th>Analysis (Method)</th><th># Bottles</th><th>Preservative</th><th>Dup - MS/MSD</th></tr></thead><tbody><tr><td>VOA 40 mL glass</td><td>TCL VOCs (8260C)</td><td>3</td><td>HCL, 4°C</td><td></td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>				Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD	VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C																																				
Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD																																												
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C																																													
FIELD ANALYSES																																																
Flow Rate (ml/min)	125	150	150	150	150	150																																										
Time (Military)	12:25	12:30	12:35	12:40	12:45	12:50																																										
Depth to Groundwater Below Top of Casing (ft)	12.27	13.15	14.91	17.00	18.53	18.91																																										
Drawdown (ft)	-0.86	-0.88	-1.76	-2.09	-1.53	-0.38																																										
pH (S.U.)	7.13	6.89	6.81	6.77	6.76	6.75																																										
Sp. Cond. (mS/cm)	1.35	1.35	1.34	1.34	1.33	1.32																																										
Turbidity (NTUs)	1475.00	29.00	15.70	11.59	7.00	4.20																																										
Dissolved Oxygen (mg/L)	0.90	0.72	0.53	0.41	0.39	0.35																																										
Water Temperature (°C)	10.90	11.80	11.70	11.80	11.80	11.60																																										
ORP (mV)	-158.20	-136.20	-120.80	-113.40	-112.20	-108.30																																										
Physical appearance at start		Color <u>Clear</u>	Physical appearance at sampling		Color <u>Clear</u>																																											
		Odor <u>None</u>			Odor <u>None</u>																																											
Sheen/Free Product <u>None</u>			Sheen/Free Product <u>None</u>																																													
COMMENTS/OBSERVATIONS <u>Began Purge @ 1223 hrs.</u>																																																
<u>Sample @ 1255 hrs.</u>																																																

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	10/25/2018	
Field Personnel	S.Connelly M.Sheehan	
Site Name	Former Scott Aviation Site - Lancaster, NY	
Job #	60538931	
Well ID #	MW-16S	
	Upgradient	Downgradient
Weather Conditions	Cloudy	
Air Temperature	41	° F
Total Depth (TWD) Below Top of Casing =	15.5	1/100 ft
Depth to Groundwater (DGW) Below Top of Casing =	11.20	1/100 ft
Length of Water Column (LWC) = TWD - DGW =	6.71	1/100 ft
1 Casing Volume (OCV) = LWC x	0.041	= 0.3 gal
3 Casing Volumes =	0.8	gal
Method of Well Evacuation	Peristaltic Pump	
Method of Sample Collection	Peristaltic Pump/Poly Tubing	
Total Volume of Water Removed	1.0	gal

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 (8260C)	3	HCL, 4°C	

FIELD ANALYSES							
Flow Rate (ml/min)	175	150	150	150			
Time (Military)	8:47	8:52	9:52	10:54			
Depth to Groundwater Below Top of Casing (ft)	12.65	NA	NA	14.10			
Drawdown (ft)	-1.45	NA	NA	NA			
pH (S.U.)	6.69	6.39	6.74	6.27			
Sp. Cond. (mS/cm)	1.70	1.94	1.76	1.96			
Turbidity (NTUs)	62.80	26.10	20.70	32.90			
Dissolved Oxygen (mg/L)	2.47	1.17	1.43	1.24			
Water Temperature (°C)	12.90	12.80	11.40	11.60			
ORP (mV)	-85.60	-87.60	-112.50	-24.40			

Physical appearance at start	Color	Clear	Physical appearance at sampling	Color	Clear
	Odor	None		Odor	None
Sheen/Free Product	None		Sheen/Free Product	None	

COMMENTS/OBSERVATIONS	Began purge @ 0846 hrs. Dry @ 0853 hrs. Returned @ 0950 hrs WL: 14.29 hrs went dry. Returned @ 1054 hrs, WL: 19.1. Went dry. Return @ 1155 hrs WL: 14.0 then sampled
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GROUNDWATER SAMPLING LOG

Page 1 of 1

Date (mo/day/yr) <u>10/25/2018</u>		Casing Diameter <u>1</u> inches
Field Personnel <u>S. Connelly M. Sheehan</u>		Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation <u>688.16</u> 1/100 ft
Job # <u>60538931</u>		Height of Riser (above land surface) <u>2.47</u> 1/100 ft
Well ID # <u>MW-16D</u>		Land Surface Elevation <u>685.69</u> 1/100 ft
<u> </u> Upgradient <u> </u> Downgradient		Screened Interval (below land surface) <u>20-24</u> 1/100 ft
Weather Conditions <u>Cloudy</u>		
Air Temperature <u>41</u> ° F		
Total Depth (TWD) Below Top of Casing = <u>24</u> 1/100 ft		
Depth to Groundwater (DGW) Below Top of Casing = <u>14.1</u> 1/100 ft		
Length of Water Column (LWC) = TWD - DGW = <u>9.9</u> 1/100 ft		
1 Casing Volume (OCV) = LWC x <u>0.041</u> = <u>0.4</u> gal		
3 Casing Volumes = <u>1.2</u> gal		
Method of Well Evacuation <u>Peristaltic Pump</u>		
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>		
Total Volume of Water Removed <u>1.3</u> gal		

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

FIELD ANALYSES

	145	145	145	145	145	145		
Flow Rate (ml/min)	145	145	145	145	145	145		
Time (Military)	9:08	9:13	9:18	9:23	9:28	9:33		
Depth to Groundwater Below Top of Casing (ft)	15.60	17.15	18.12	18.80	19.50	20.10		
Drawdown (ft)	-1.50	-1.55	-0.97	-0.68	-0.70	-0.60		
pH (S.U.)	6.38	6.88	7.16	7.22	7.37	7.42		
Sp. Cond. (mS/cm)	1.55	1.14	1.03	1.01	1.00	1.02		
Turbidity (NTUs)	29.60	17.30	8.47	11.38	11.42	7.74		
Dissolved Oxygen (g/L)	2.34	1.58	1.01	0.74	0.49	0.37		
Water Temperature (°C)	11.00	11.20	11.30	11.30	11.20	11.20		
ORP (mV)	-80.90	-102.60	-113.80	-127.90	-131.90	-138.10		

Physical appearance at start	Color <u>Clear</u>	Physical appearance at sampling	Color <u>Clear</u>
	Odor <u>None</u>		Odor <u>None</u>
Sheen/Free Product <u>None</u>		Sheen/Free Product <u>None</u>	

COMMENTS/OBSERVATIONS Start purge @ 0906 hrs.

Sampled @ 0938 hrs



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
1/8/2018	6.61	680.39
4/11/2018	5.12	681.88
7/12/2018	6.71	680.29
10/19/2018	6.44	680.56

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

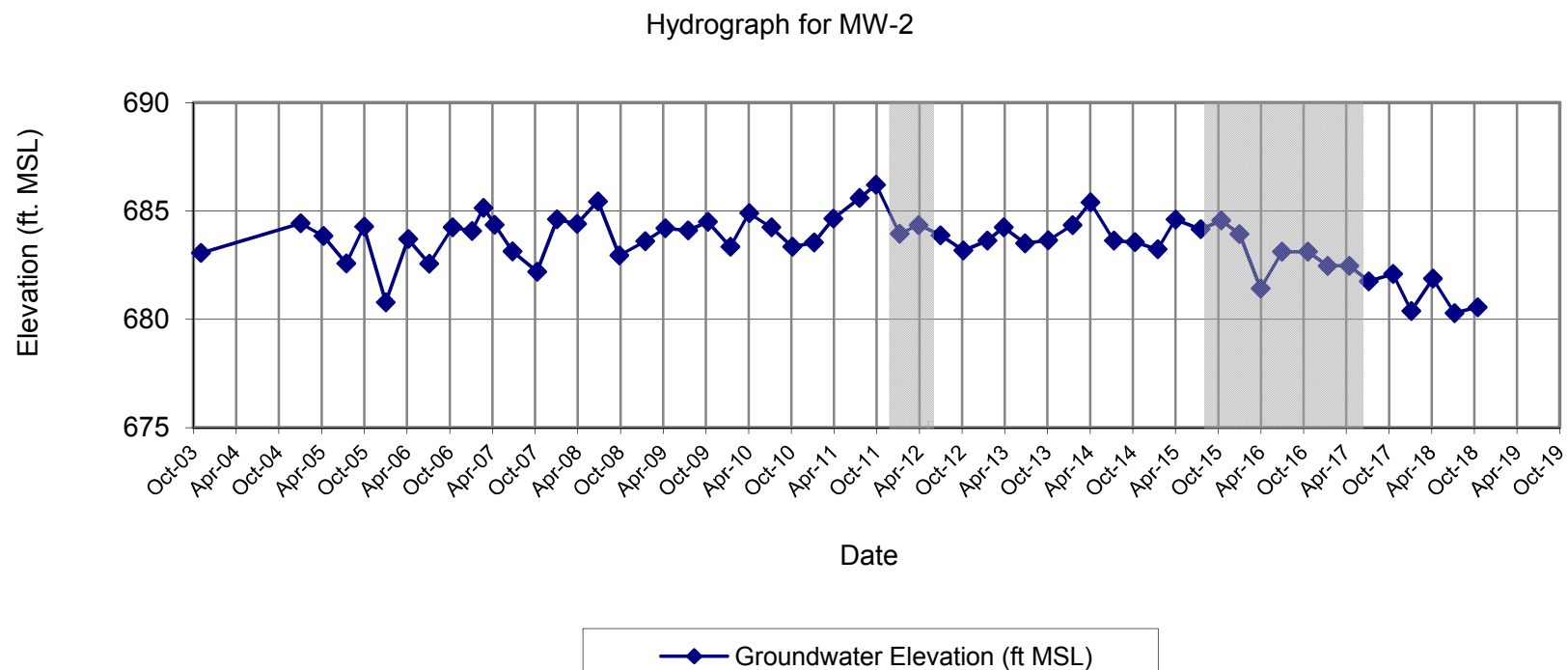
DPE off line for repairs in October 2013.

TOC Elevation re-measured June 13, 2008 at 687.1.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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	674.76
7/11/2017	12.65	674.40
10/23/2017	11.80	675.25
1/8/2018	10.12	676.93
4/11/2018	9.58	677.47
7/12/2018	10.98	676.07
10/19/2018	13.40	673.65

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 687.72

DPE and GWCT off line for repairs in February 2007.

DPE off line for repairs in January 2008.

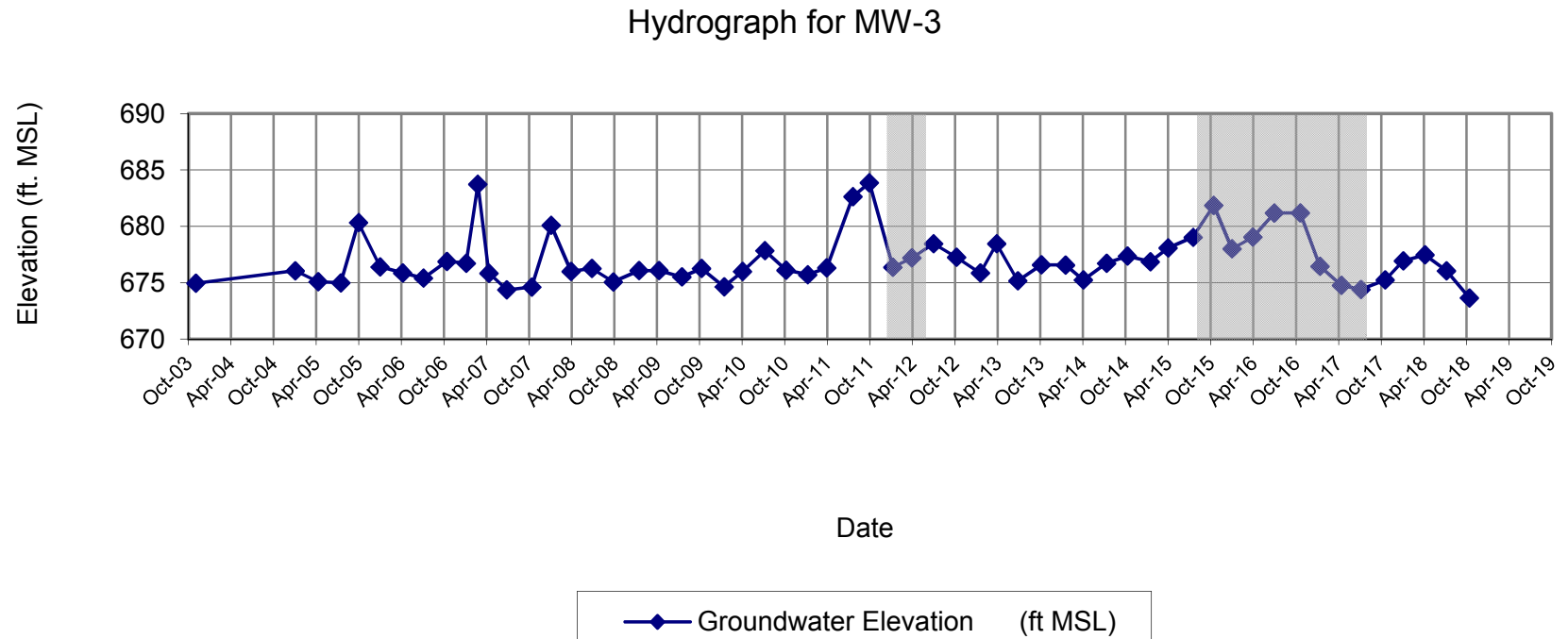
DPE off line for repairs in October 2013.

TOC Elevation re-measured June 13, 2008 at 687.02

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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
1/8/2018	10.45	676.05
4/11/2018	10.55	675.95
7/12/2018	11.57	674.93
10/19/2018	11.57	674.93

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

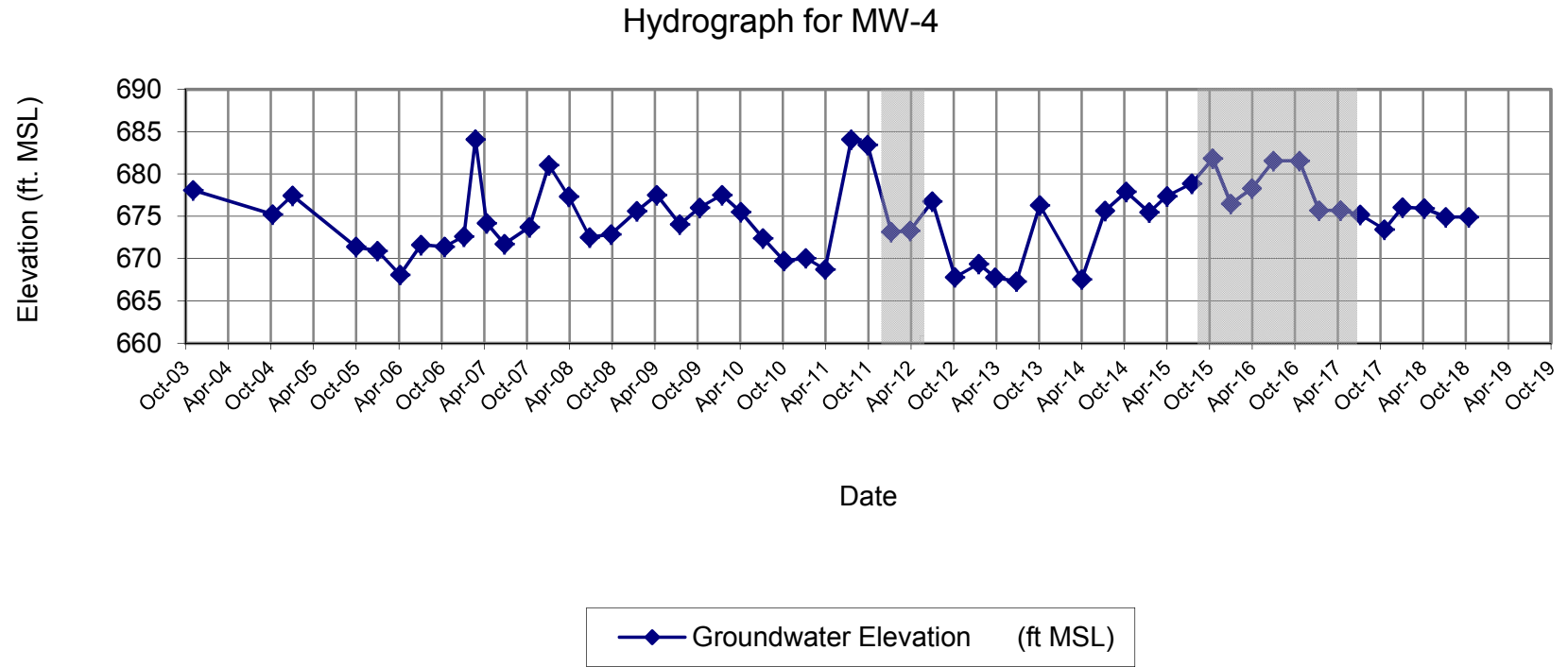
DPE off line for repairs in October 2013.

TOC Elevation re-measured on June 13, 2008 at 686.42.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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
1/8/2018	8.92	677.54

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

DPE off line for repairs in October 2013.

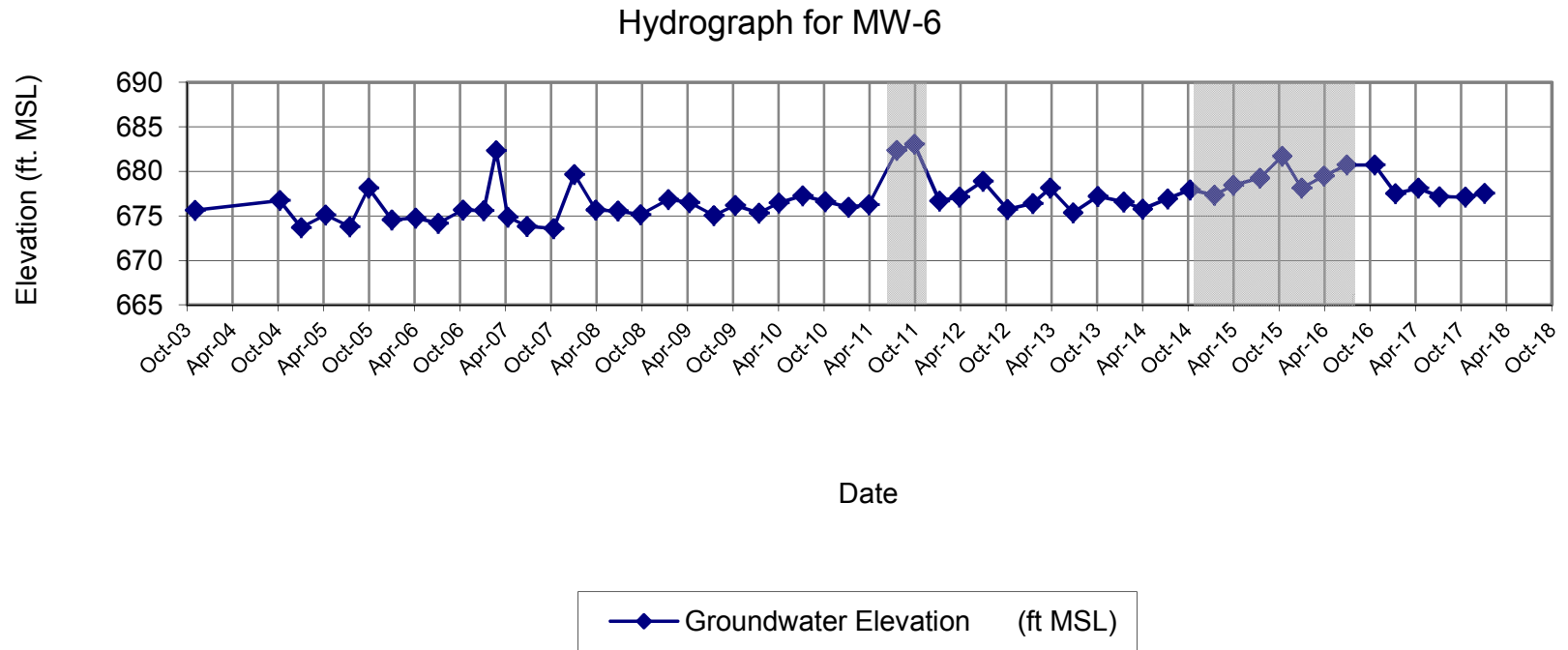
TOC Elevation re-measured on June 13, 2008 at 686.53.

the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

Monitoring well was destroyed by snow plow 3/2018.

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
1/8/2018	NM	
4/11/2018	10.05	676.16
7/12/2018	18.78	667.43
10/19/2018	18.60	667.61

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

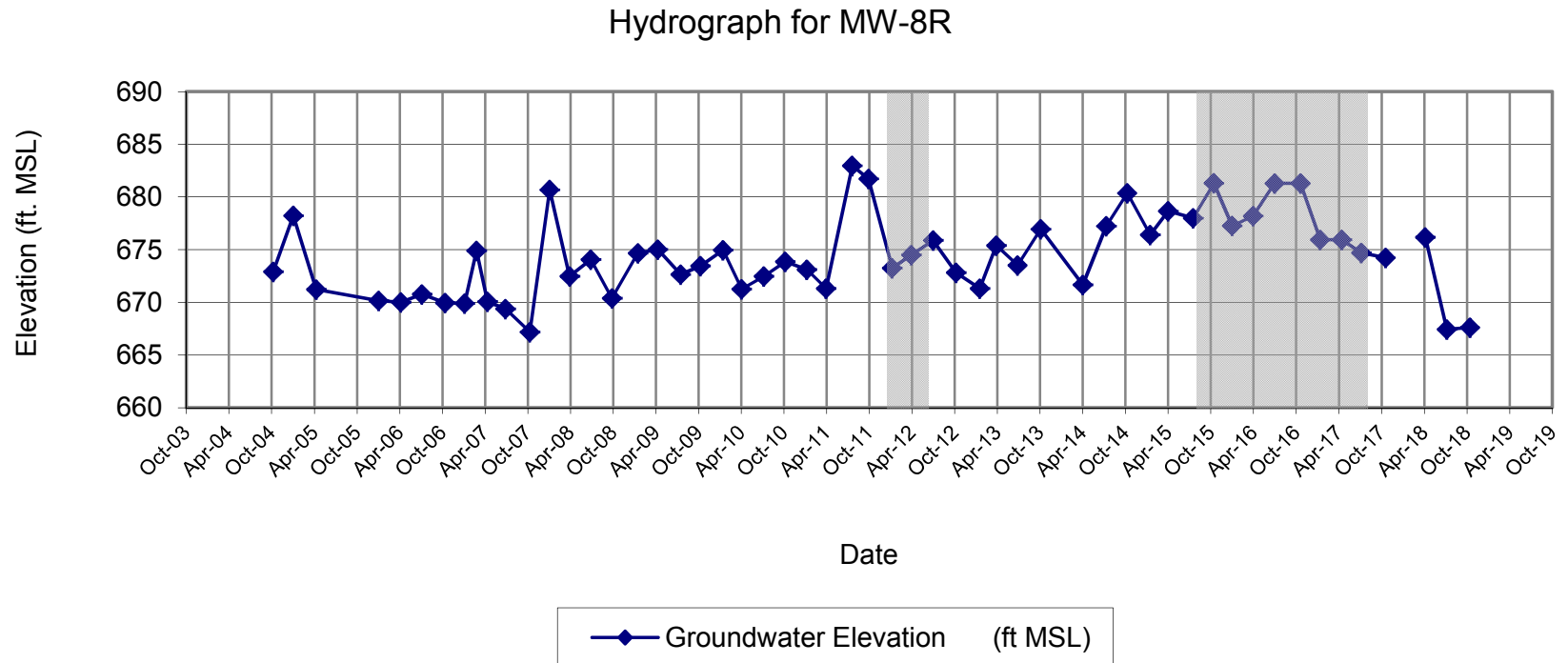
DPE off line for repairs in October 2013.

TOC Elevation re-measured on June 13, 2008 at 686.21.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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
1/8/2018	13.04	676.53
4/11/2018	13.20	676.37
7/12/2018	14.49	675.08
10/19/2018	14.21	675.36

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

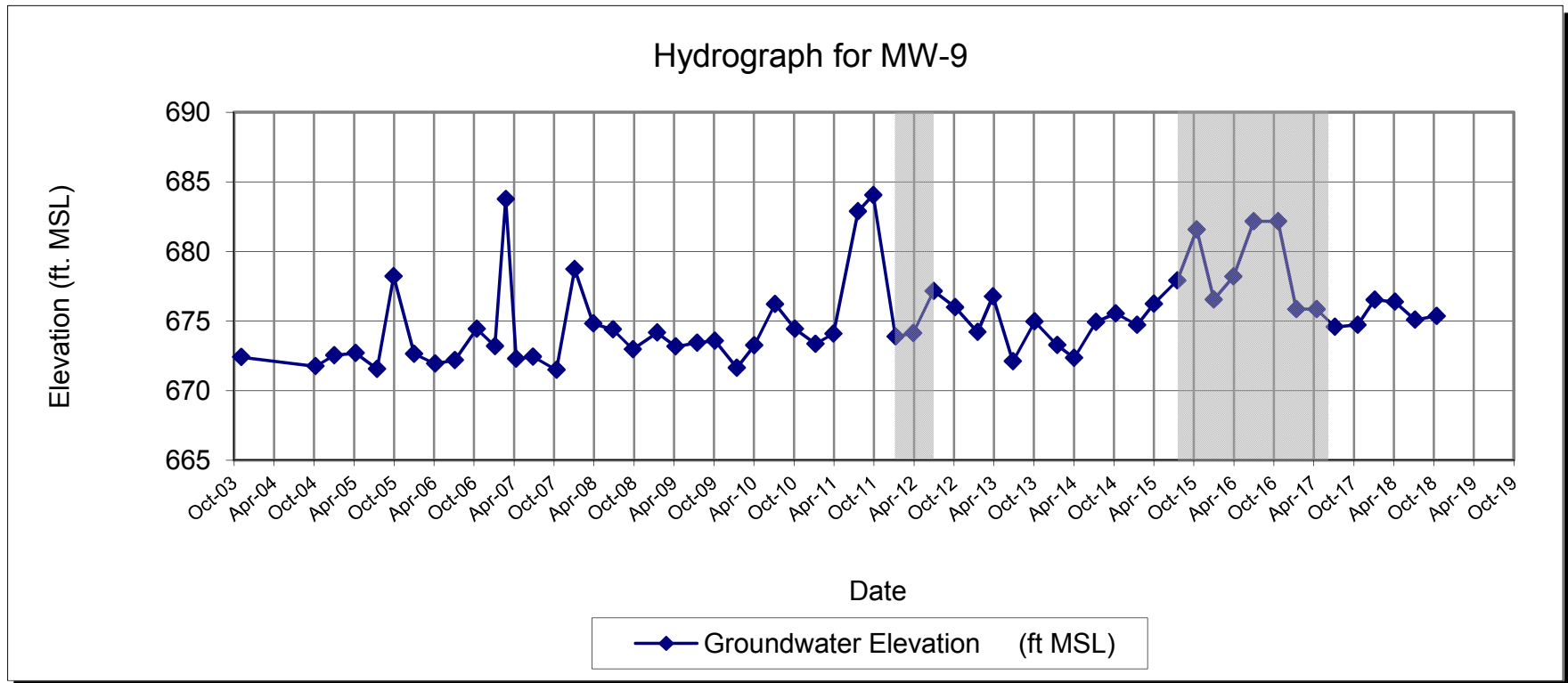
DPE off line for repairs in October 2013.

TOC Elevation re-measured on June 13, 2008 at 688.64.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phase of the ABC+ injection pilot test (note shading on graph).

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
1/8/2018	7.05	680.65
4/11/2018	7.00	680.70
7/12/2018	8.40	679.30

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

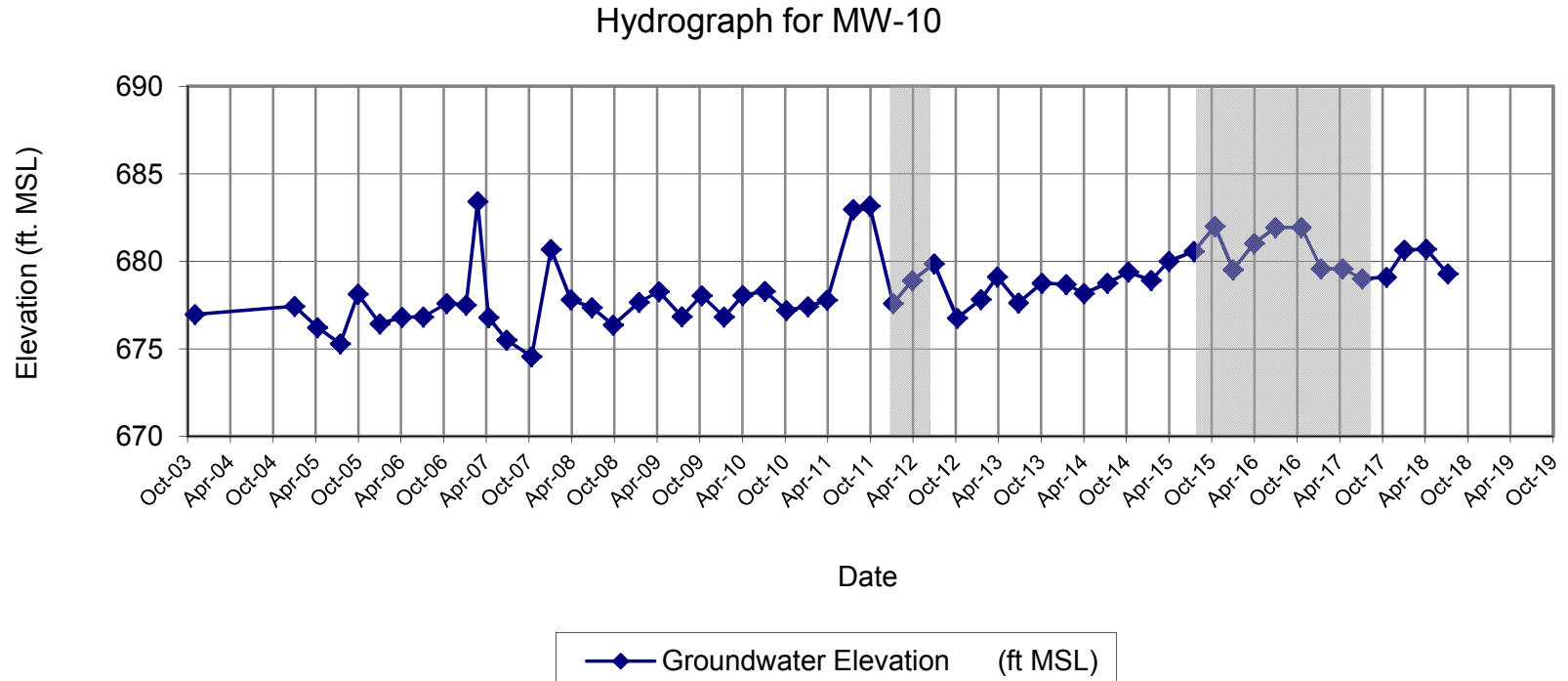
DPE off line for repairs in October 2013.

TOC Elevation re-measured on June 13, 2008 at 687.41.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phase of the ABC+ injection pilot test (note shading on graph).

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	NM	
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
1/8/2018	11.79	676.82
4/11/2018	10.75	677.86
7/12/2018	13.21	675.40
10/19/2018	12.40	676.21

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

DPE off line for repairs in October 2013.

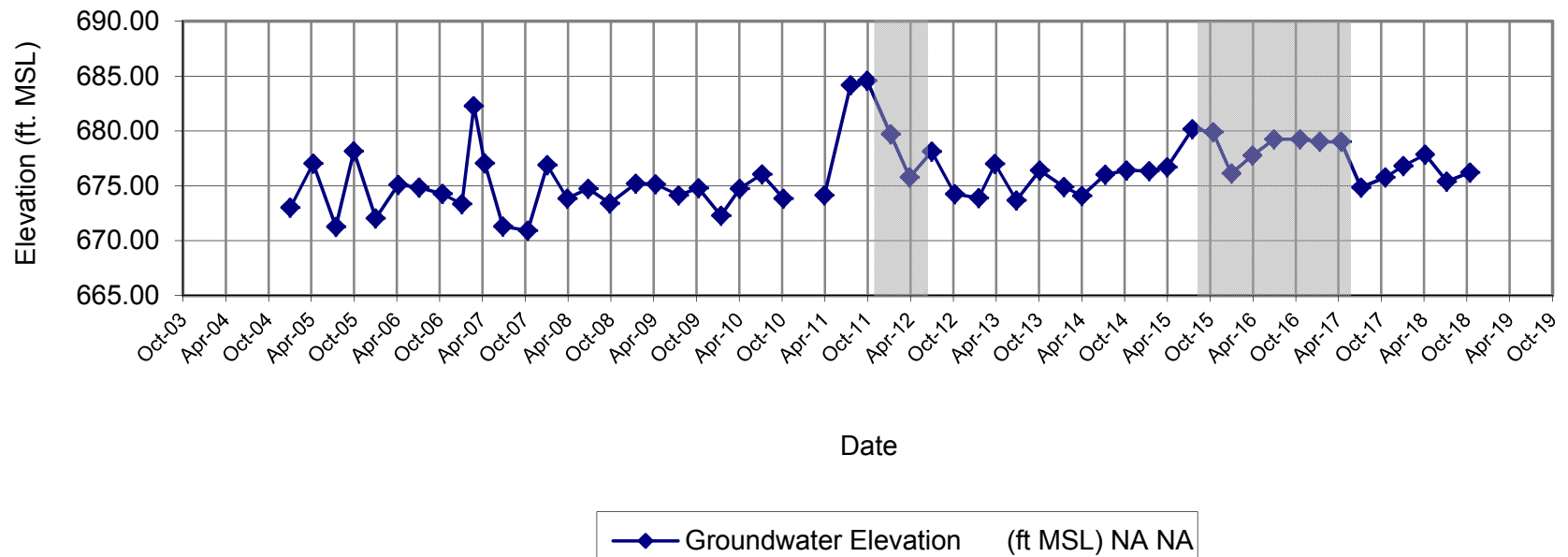
TOC Elevation re-measured on June 13, 2008 at 688.65.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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

Hydrograph for MW-11



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
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	681.60
7/11/2017	6.98	679.21
10/23/2017	6.21	679.98
1/8/2018	NM	
4/11/2018	3.84	682.35
7/12/2018	6.74	679.45

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.79

DPE and GWCT off line for repairs in February 2007.

DPE off line for repairs in January 2008.

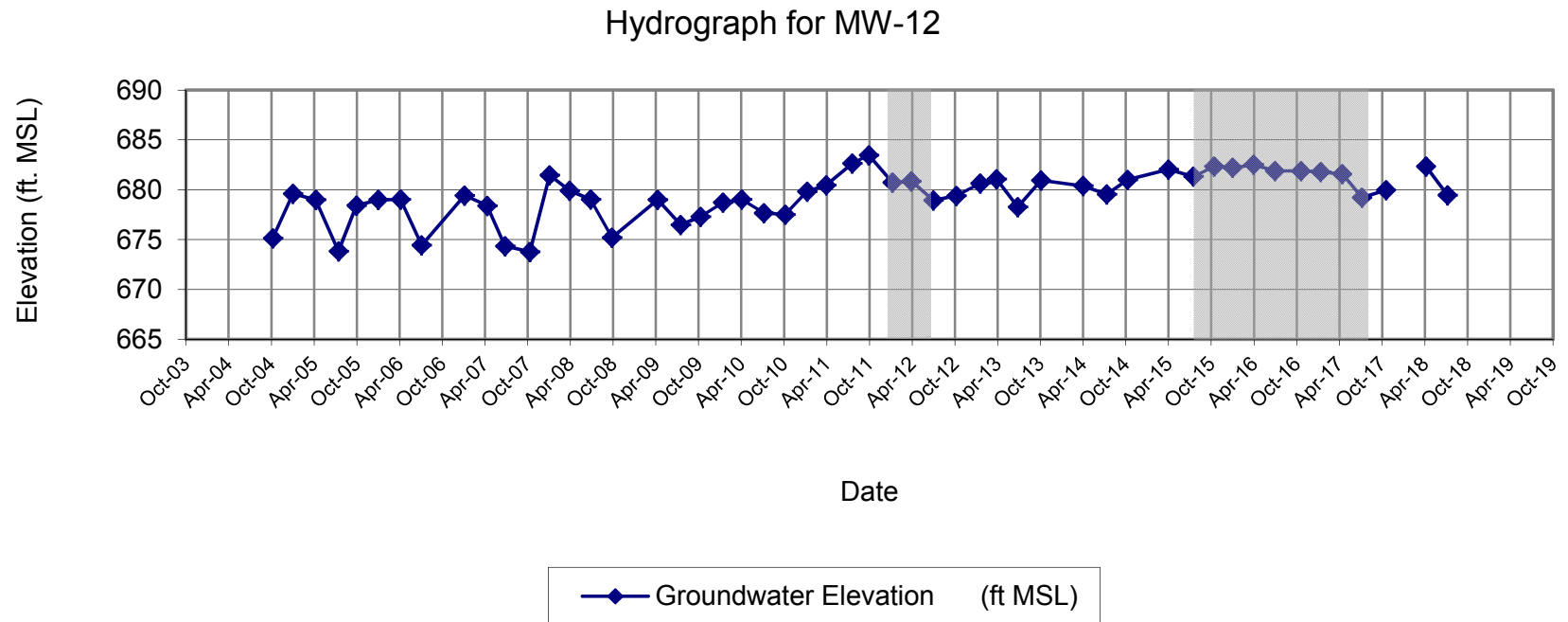
DPE off line for repairs in October 2013.

TOC Elevation re-measured on June 13, 2008 at 686.15.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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
1/8/2018	4.73	681.92
4/11/2018	4.20	682.45
7/12/2018	7.02	679.63
10/19/2018	15.86	670.79

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

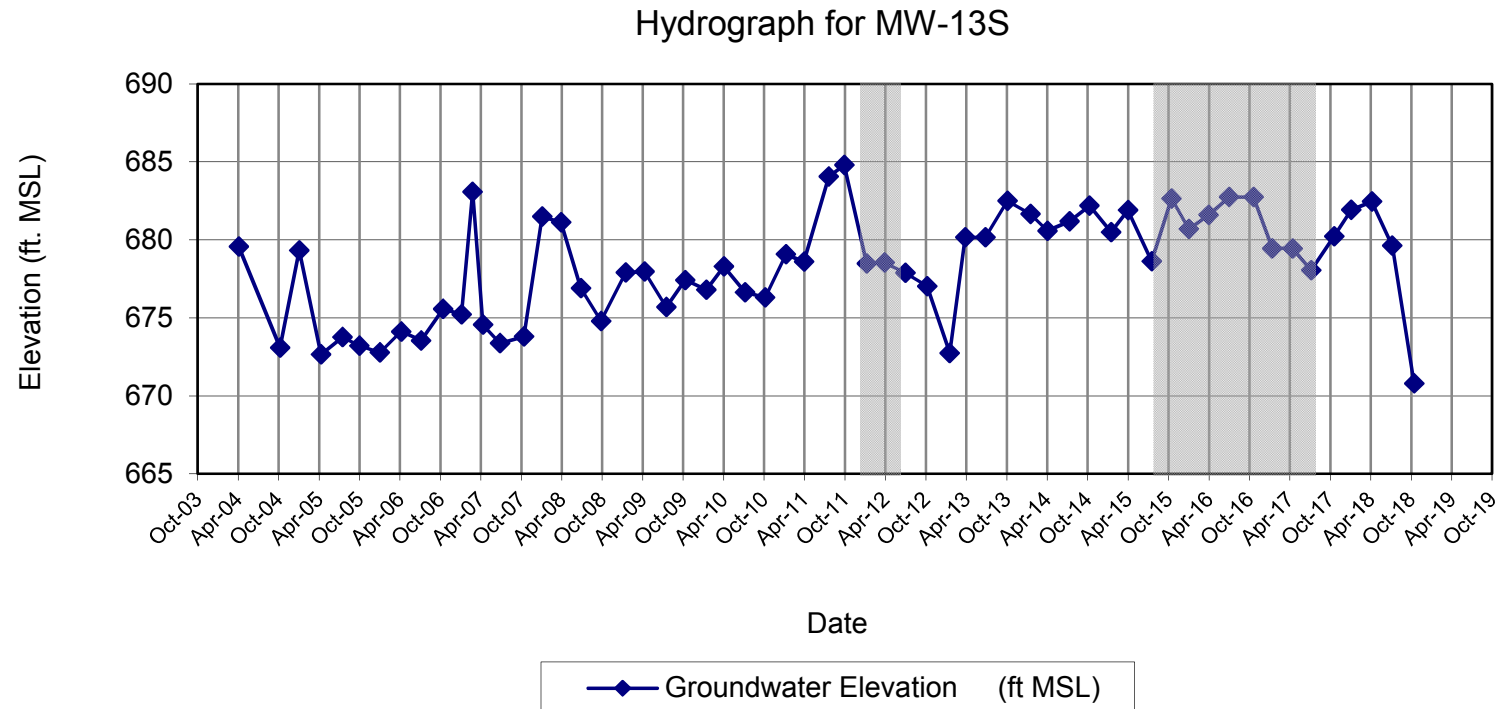
DPE off line for repairs in October 2013.

TOC Elevation re-measured on June 13, 2008 at 686.60.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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
1/8/2018	9.12	677.66
4/11/2018	8.70	678.08
7/12/2018	10.91	675.87
10/19/2018	10.86	675.92

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

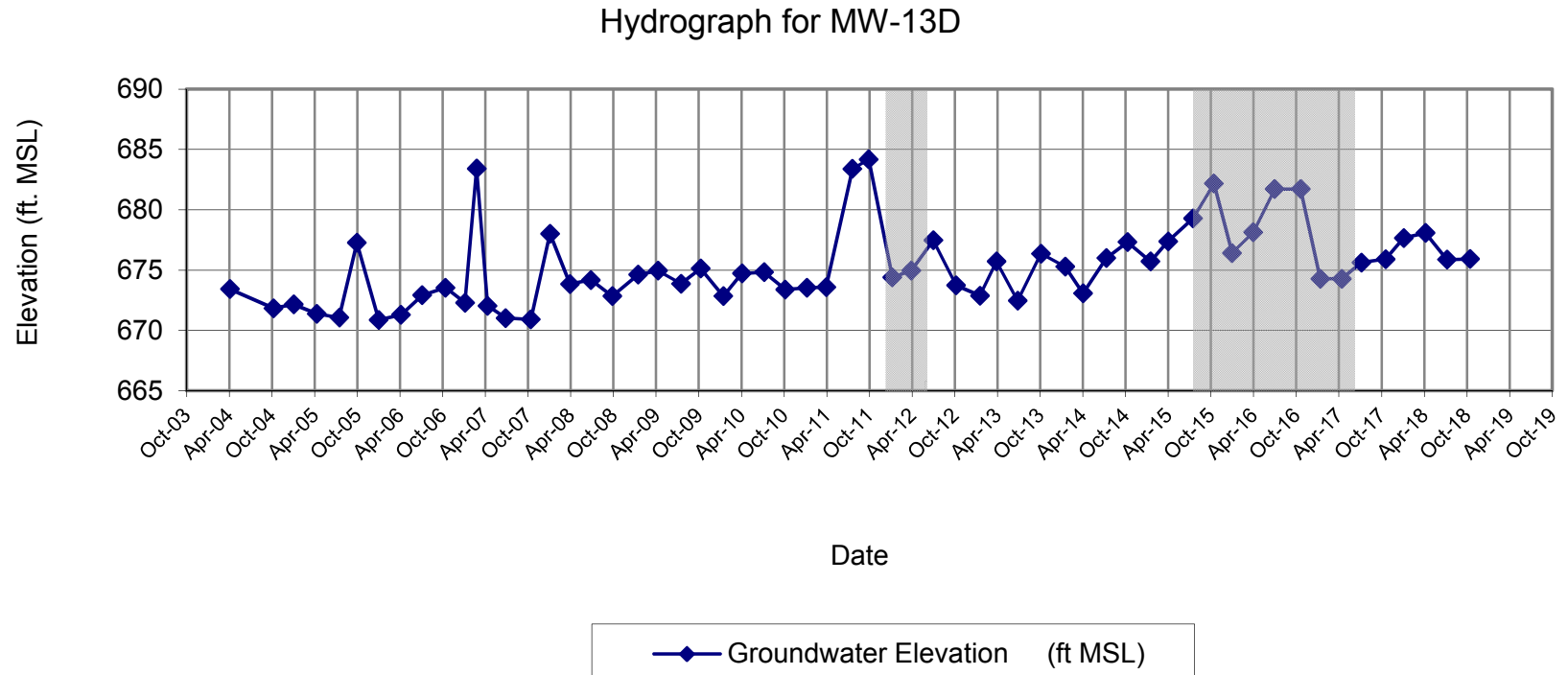
DPE off line for repairs in October 2013.

TOC Elevation re-measured on June 13, 2008 at 686.73.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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
1/8/2018	5.39	680.35
4/11/2018	5.14	680.60
7/12/2018	7.25	678.49
10/19/2018	6.89	678.85

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

DPE off line for repairs in October 2013.

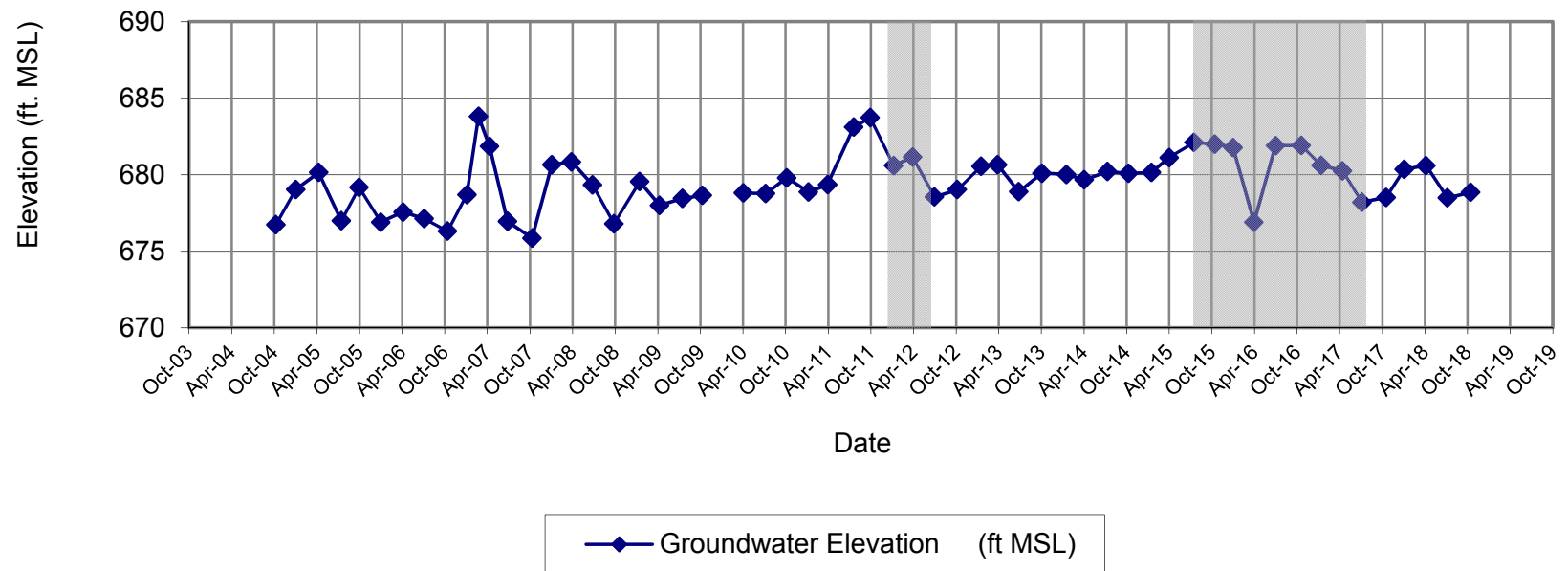
TOC Elevation re-measured on June 13, 2008 at 685.70.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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

Hydrograph for MW-14S



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.21	672.22
10/12/2004	14.55	670.88
1/6/2005	15.97	669.46
4/14/2005	13.25	672.18
7/20/2005	18.20	667.23
10/4/2005	13.26	672.17
1/5/2006	19.08	666.35
4/11/2006	19.79	665.64
7/10/2006	17.16	668.27
10/18/2006	19.44	665.99
1/9/2007	14.71	670.72
2/28/2007	2.67	682.76
4/16/2007	19.74	665.69
7/2/2007	19.68	665.75
10/15/2007	19.76	665.67
1/8/2008	7.92	677.51
4/2/2008	14.41	671.02
7/1/2008	14.45	671.37
9/30/2008	15.39	670.43
1/19/2009	13.55	672.27
4/14/2009	20.10	665.72
7/21/2009	15.15	670.67
10/14/2009	20.27	665.55
1/18/2010	20.40	665.42
4/8/2010	15.40	670.42
7/12/2010	17.15	668.67
10/11/2010	14.40	671.42
1/12/2011	17.92	667.90
4/4/2011	16.23	669.59
7/25/2011	3.10	682.72
10/3/2011	2.72	683.10
1/12/2012	15.30	670.52
4/2/2012	16.50	669.32
7/5/2012	12.81	673.01
10/11/2012	14.55	671.27
1/21/2013	13.45	672.37
4/1/2013	10.78	675.04
7/1/2013	19.85	665.97
10/9/2013	10.02	675.80
1/21/2014	18.20	667.62
4/7/2014	17.95	667.87
7/16/2014	12.99	672.83
10/14/2014	10.70	675.12
1/20/2015	13.49	672.33
4/6/2015	11.30	674.52
7/22/2015	8.62	677.20
10/19/2015	4.10	681.72
1/5/2016	11.70	674.12
4/4/2016	17.98	667.90
7/5/2016	4.67	681.21
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
1/8/2018	17.69	668.19
4/11/2018	15.95	669.93
7/12/2018	16.90	668.98
10/19/2018	15.69	670.19

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

DPE off line for repairs in October 2013.

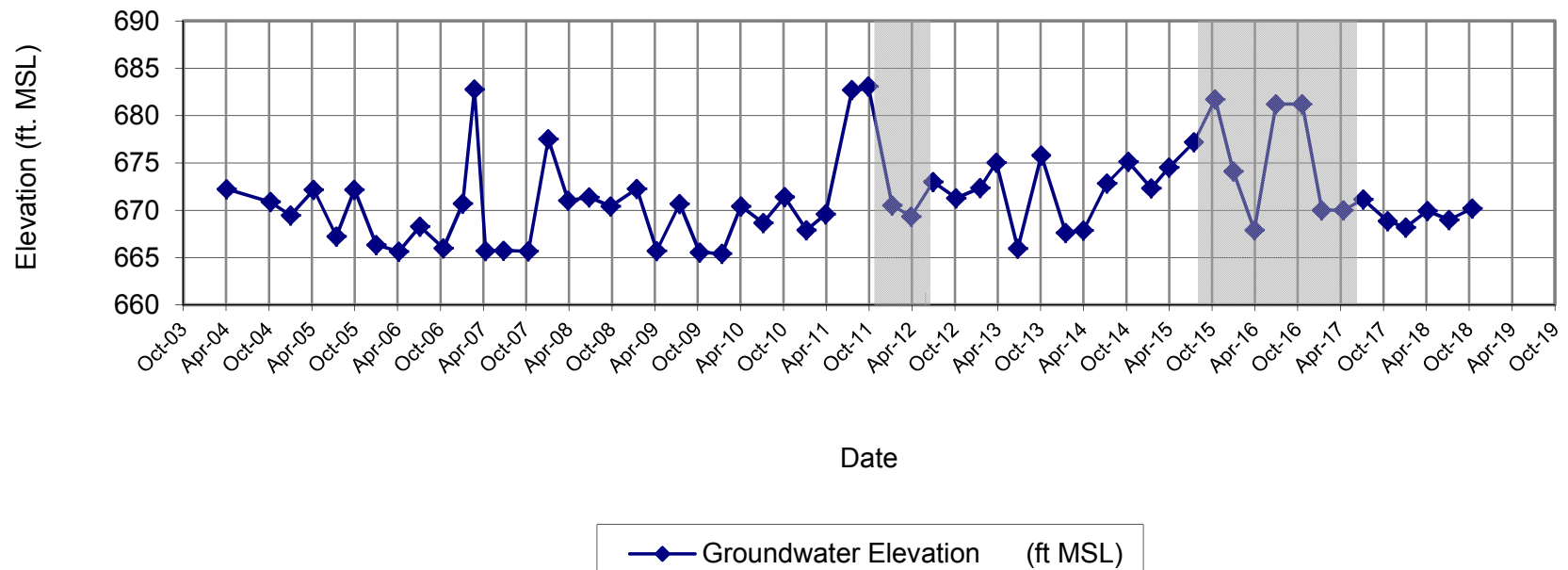
TOC Elevation re-measured on June 13, 2008 at 685.82.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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

Hydrograph for MW-14D



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

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	1.20	685.44
10/12/2004	5.26	681.38
1/6/2005	0.35	686.29
4/14/2005	2.31	684.33
7/20/2005	4.78	681.86
10/4/2005	2.22	684.42
1/5/2006	0.70	685.94
4/11/2006	2.00	684.64
7/10/2006	4.75	681.89
1/9/2007	0.05	686.59
2/28/2007	0.00	686.64
4/16/2007	0.50	686.14
7/2/2007	4.67	681.97
10/16/2007	4.80	681.84
1/8/2008	0.70	685.94
4/2/2008	0.00	686.64
7/1/2008	0.50	687.02
9/30/2008	3.14	684.38
1/19/2009	1.50	686.02
4/14/2009	1.60	685.92
7/21/2009	1.11	686.41
10/14/2009	1.11	686.41
1/18/2010	0.80	686.72
4/8/2010	2.00	685.52
7/12/2010	2.80	684.72
10/11/2010	3.14	684.38
1/12/2011	1.40	686.12
4/4/2011	0.50	687.02
7/25/2011	2.51	685.01
10/3/2011	0.20	687.32
1/12/2012	0.50	687.02
4/2/2012	1.40	686.12
7/5/2012	3.90	683.62
10/1/2012	3.18	684.34
1/21/2013	0.00	687.52
4/1/2013	0.50	687.02
7/1/2013	1.73	685.79
10/9/2013	2.10	685.42
1/21/2014	1.75	685.77
4/7/2014	0.90	686.62
7/16/2014	1.91	685.61
10/14/2014	2.00	685.52
1/20/2015	1.60	685.92
4/6/2015	0.51	687.01
7/22/2015	1.41	686.11
10/19/2015	2.20	685.32
1/5/2016	1.15	686.37
4/4/2016	0.70	687.17
7/5/2016	3.61	683.56
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
1/8/2018	0.00	687.17
4/11/2018	0.00	687.17
7/12/2018	0.35	686.82
10/19/2018	0.44	686.73

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.64

DPE and GWCT off line for repairs in February 2007.

DPE off line for repairs in January 2008.

DPE off line for repairs in October 2013.

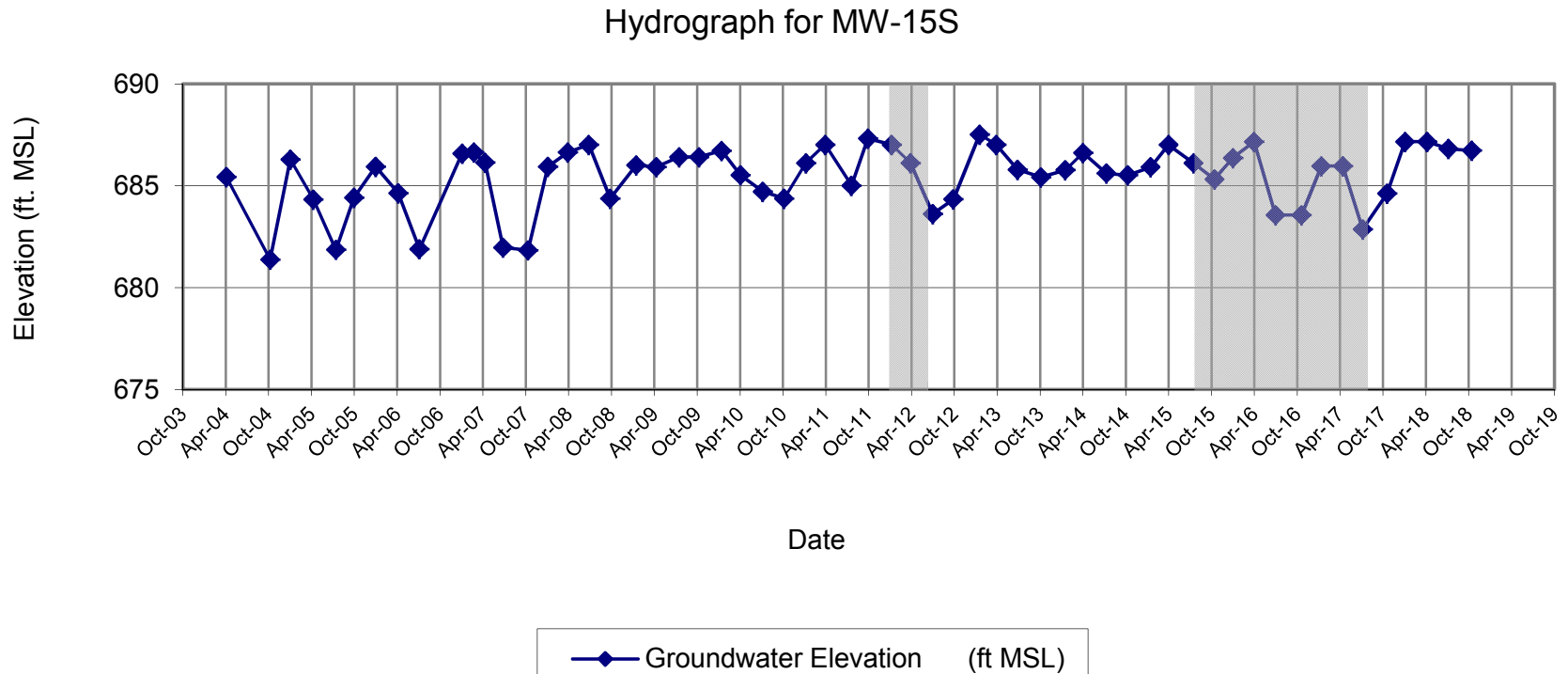
Measured from ground surface on April 4, 2016 at 687.87.

TOC Elevation re-measured on June 13, 2008 at 687.52.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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	11.70	676.17
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	673.97
7/11/2017	14.06	673.31
10/23/2017	14.21	673.16
1/8/2018	13.08	674.79
4/11/2018	11.70	676.17
7/12/2018	14.19	673.68
10/19/2018	13.83	674.04

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

DPE off line for repairs in October 2013.

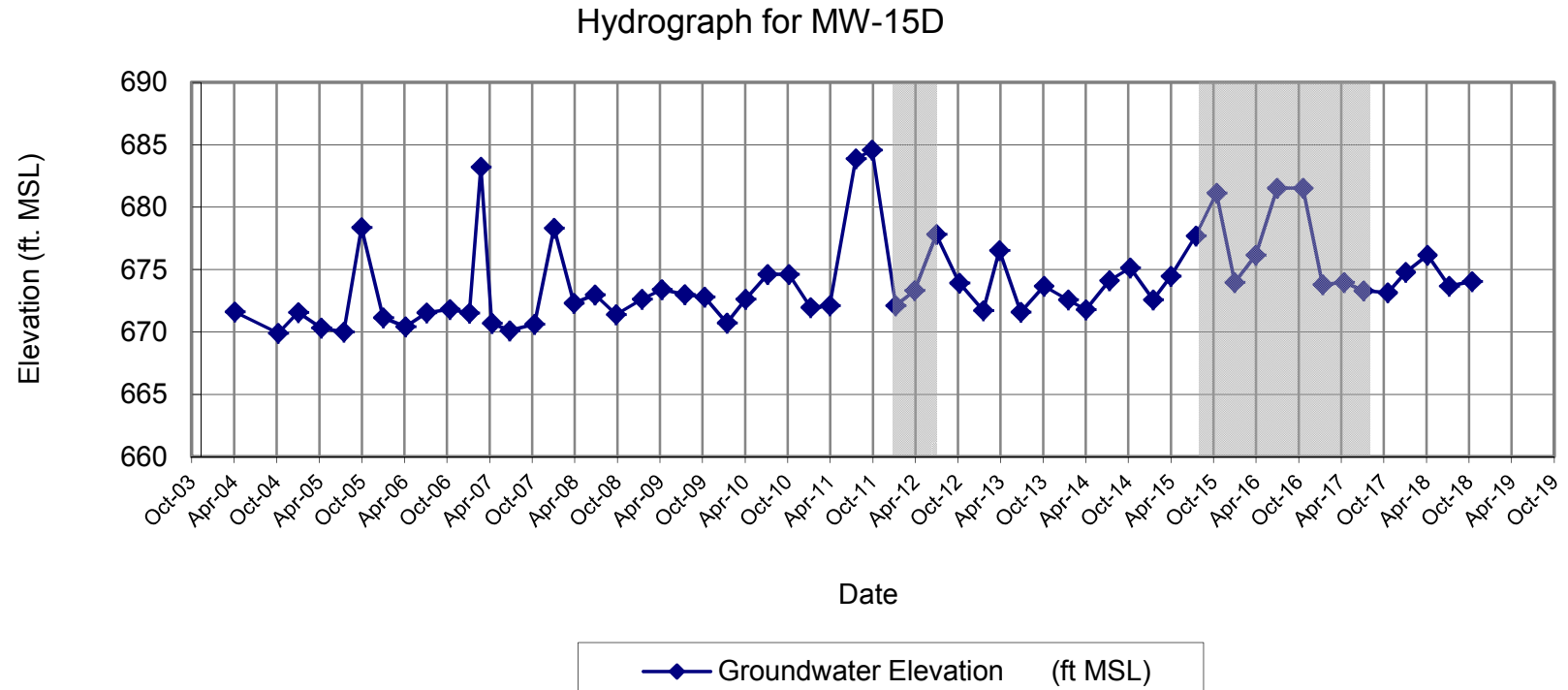
TOC Elevation re-measured on June 13, 2008 at 687.62.

Measured from ground surface on April 4, 2016 at 687.87.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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
1/8/2018	6.29	681.86
4/11/2018	6.71	681.44
7/12/2018	8.99	679.16
10/19/2018	10.42	677.73

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

DPE off line for repairs in October 2013.

TOC Elevation re-measured on June 13, 2008 at 690.37.

TOC Elevation re-measured on April 7, 2011 at 685.84.

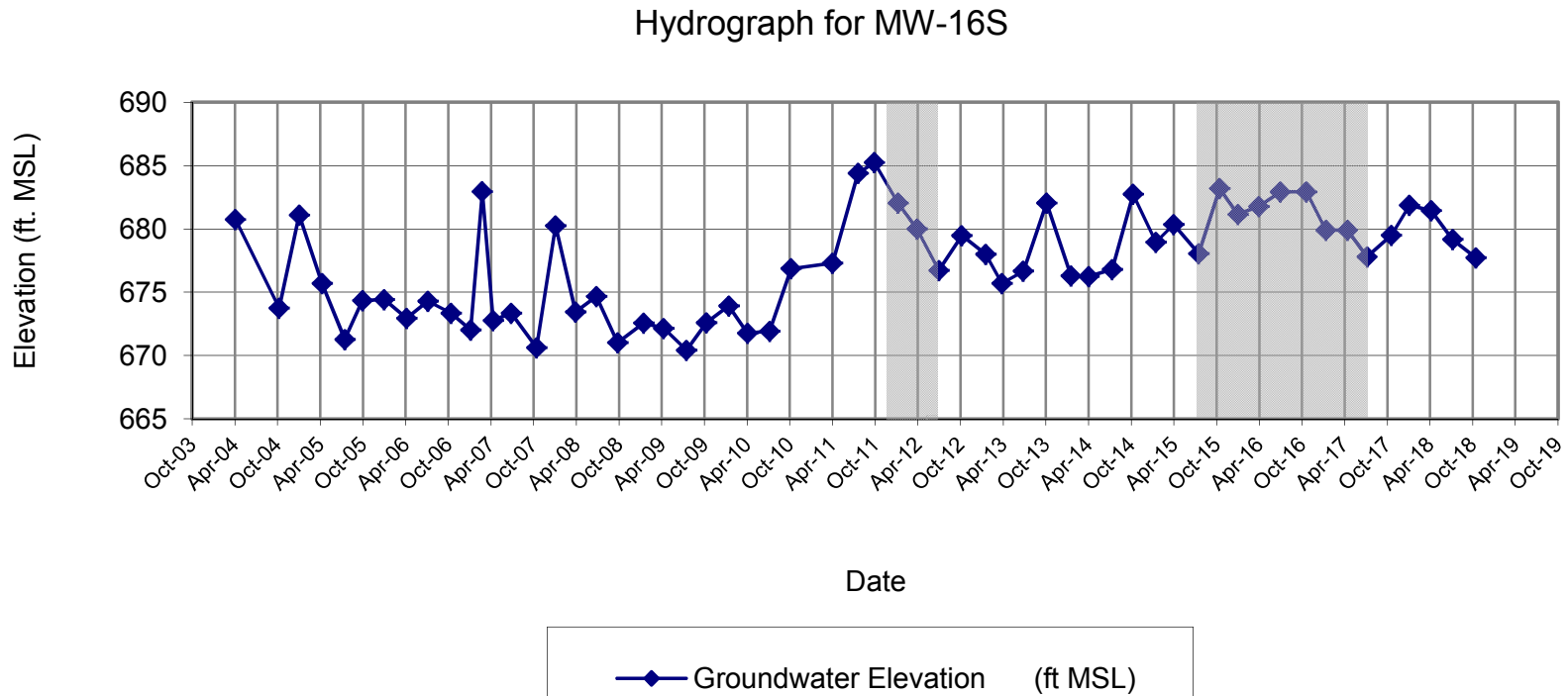
TOC Elevation re-measured on June 1, 2015 at 688.19.

TOC Elevation re-measured on February 23, 2016 at 688.15.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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
1/8/2018	12.38	675.78
4/11/2018	11.67	676.49
7/12/2018	14.20	673.96
10/19/2018	14.32	673.84

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 off line for repairs in February 2007.

DPE off line for repairs in January 2008.

DPE off line for repairs in October 2013.

TOC Elevation re-measured on June 13, 2008 at 690.55.

TOC Elevation re-measured on April 7, 2011 at 686.01.

TOC Elevation re-measured on June 1, 2015 at 688.39.

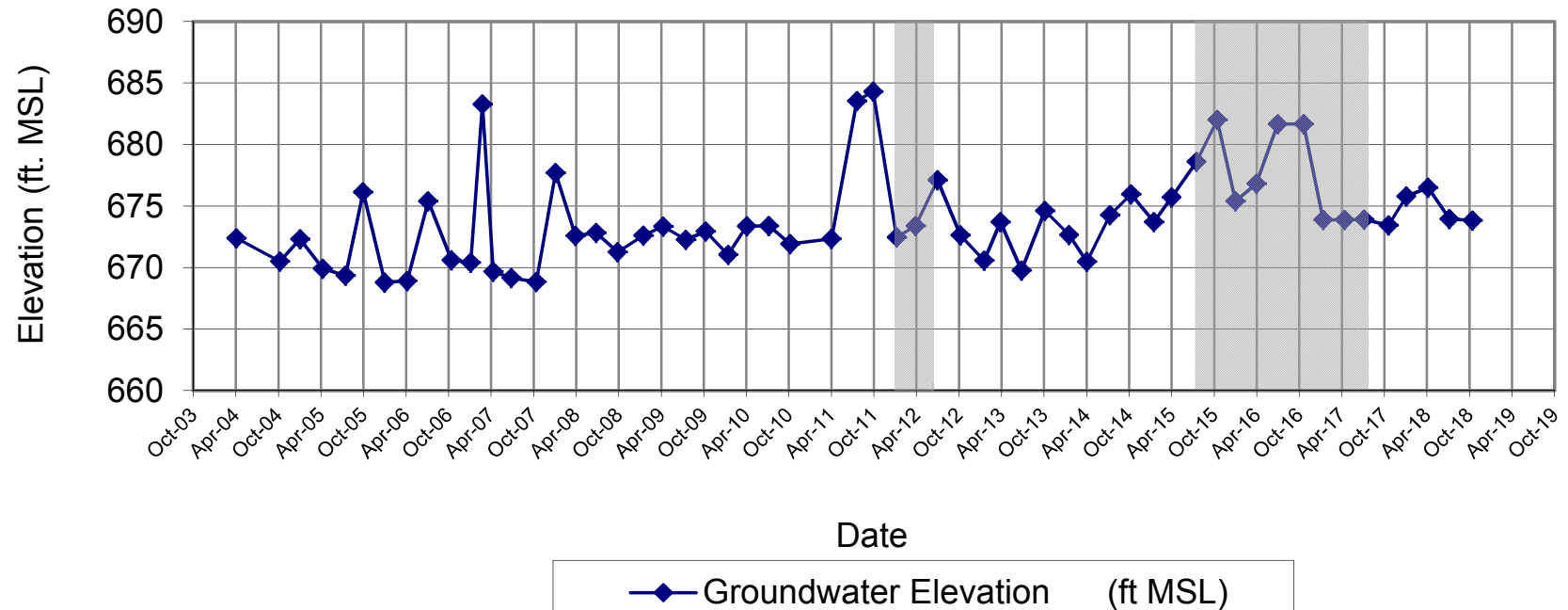
TOC Elevation re-measured on February 23, 2016 at 688.16.

DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

DPE system off line between November 2014 and August 2016 to accommodate first and second phases of the ABC+ injection pilot test (note shading on graph).

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

Hydrograph for MW-16D





APPENDIX C

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

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Burlington

30 Community Drive

Suite 11

South Burlington, VT 05403

Tel: (802)660-1990

TestAmerica Job ID: 200-45868-1

Client Project/Site: Scott Figgie West of Plant 2

For:

AECOM

257 West Genesee Street

Suite 400

Buffalo, New York 14202-2657

Attn: Mr. Dino Zack



Authorized for release by:

11/9/2018 2:26:33 PM

Brian Fischer, Manager of Project Management

(716)504-9835

brian.fischer@testamericainc.com

LINKS

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results through

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www.testamericainc.com

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

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	17



Definitions/Glossary

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

TestAmerica Job ID: 200-45868-1

Qualifiers

Air - GC/MS VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	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)

Case Narrative

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

TestAmerica Job ID: 200-45868-1

Job ID: 200-45868-1

Laboratory: TestAmerica Burlington

Narrative

Job Narrative 200-45868-1

Comments

No additional comments.

Receipt

The samples were received on 10/24/2018 9:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Air Toxics

Method(s) TO-15: The continuing calibration verification (CCV) associated with batch 200-136163 recovered above the upper control limit for n-Heptane, 4-Methyl-2-pentanone(MIBK) and Tetrahydrofuran. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: AS-EFFLUENT 4Q18 (200-45868-1) and LRP-EFFLUENT 4/Q18 (200-45868-2).

Method(s) TO-15: The laboratory control sample (LCS) for analytical batch 200-136163 recovered outside control limits for the following analytes: n-Heptane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

Client Sample Results

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

TestAmerica Job ID: 200-45868-1

Client Sample ID: AS-EFFLUENT 4Q18

Lab Sample ID: 200-45868-1

Date Collected: 10/22/18 07:30

Matrix: Air

Date Received: 10/24/18 09:55

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,1,2,2-Tetrachloroethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,1,2-Trichloroethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,1-Dichloroethane	0.57		0.40	0.40	ppb v/v			10/31/18 22:18	2
1,1-Dichloroethene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,2,4-Trichlorobenzene	1.0	U	1.0	1.0	ppb v/v			10/31/18 22:18	2
1,2,4-Trimethylbenzene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,2-Dibromoethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,2-Dichlorobenzene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,2-Dichloroethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,2-Dichloroethene, Total	75		0.80	0.80	ppb v/v			10/31/18 22:18	2
1,2-Dichloropropane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,2-Dichlorotetrafluoroethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,3,5-Trimethylbenzene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,3-Butadiene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,3-Dichlorobenzene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,4-Dichlorobenzene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
1,4-Dioxane	10	U	10	10	ppb v/v			10/31/18 22:18	2
2,2,4-Trimethylpentane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
2-Chlorotoluene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
3-Chloropropene	1.0	U	1.0	1.0	ppb v/v			10/31/18 22:18	2
4-Ethyltoluene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Acetone	10	U	10	10	ppb v/v			10/31/18 22:18	2
Benzene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Bromodichloromethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Bromoethene(Vinyl Bromide)	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Bromoform	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Bromomethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Carbon disulfide	1.1		1.0	1.0	ppb v/v			10/31/18 22:18	2
Carbon tetrachloride	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Chlorobenzene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Chloroethane	35		1.0	1.0	ppb v/v			10/31/18 22:18	2
Chloroform	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Chloromethane	1.0	U	1.0	1.0	ppb v/v			10/31/18 22:18	2
cis-1,2-Dichloroethene	47		0.40	0.40	ppb v/v			10/31/18 22:18	2
cis-1,3-Dichloropropene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Cyclohexane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Dibromochloromethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Dichlorodifluoromethane	1.0	U	1.0	1.0	ppb v/v			10/31/18 22:18	2
Ethylbenzene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Freon TF	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Hexachlorobutadiene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Isopropyl alcohol	10	U	10	10	ppb v/v			10/31/18 22:18	2
m,p-Xylene	1.0	U	1.0	1.0	ppb v/v			10/31/18 22:18	2
Methyl Butyl Ketone (2-Hexanone)	1.0	U	1.0	1.0	ppb v/v			10/31/18 22:18	2
Methyl Ethyl Ketone	1.0	U	1.0	1.0	ppb v/v			10/31/18 22:18	2
methyl isobutyl ketone	1.0	U	1.0	1.0	ppb v/v			10/31/18 22:18	2
Methyl tert-butyl ether	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2

TestAmerica Burlington

Client Sample Results

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

TestAmerica Job ID: 200-45868-1

Client Sample ID: AS-EFFLUENT 4Q18

Lab Sample ID: 200-45868-1

Date Collected: 10/22/18 07:30

Matrix: Air

Date Received: 10/24/18 09:55

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	1.0	ppb v/v			10/31/18 22:18	2
n-Heptane	0.40	U *	0.40	0.40	ppb v/v			10/31/18 22:18	2
n-Hexane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Styrene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
tert-Butyl alcohol	10	U	10	10	ppb v/v			10/31/18 22:18	2
Tetrachloroethene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Tetrahydrofuran	10	U	10	10	ppb v/v			10/31/18 22:18	2
Toluene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
trans-1,2-Dichloroethene	28		0.40	0.40	ppb v/v			10/31/18 22:18	2
trans-1,3-Dichloropropene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Trichloroethene	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Trichlorofluoromethane	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2
Vinyl chloride	4.1		0.40	0.40	ppb v/v			10/31/18 22:18	2
Xylene (total)	1.4	U	1.4	1.4	ppb v/v			10/31/18 22:18	2
Xylene, o-	0.40	U	0.40	0.40	ppb v/v			10/31/18 22:18	2

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.2	U	2.2	2.2	ug/m3			10/31/18 22:18	2
1,1,2,2-Tetrachloroethane	2.7	U	2.7	2.7	ug/m3			10/31/18 22:18	2
1,1,2-Trichloroethane	2.2	U	2.2	2.2	ug/m3			10/31/18 22:18	2
1,1-Dichloroethane	2.3		1.6	1.6	ug/m3			10/31/18 22:18	2
1,1-Dichloroethene	1.6	U	1.6	1.6	ug/m3			10/31/18 22:18	2
1,2,4-Trichlorobenzene	7.4	U	7.4	7.4	ug/m3			10/31/18 22:18	2
1,2,4-Trimethylbenzene	2.0	U	2.0	2.0	ug/m3			10/31/18 22:18	2
1,2-Dibromoethane	3.1	U	3.1	3.1	ug/m3			10/31/18 22:18	2
1,2-Dichlorobenzene	2.4	U	2.4	2.4	ug/m3			10/31/18 22:18	2
1,2-Dichloroethane	1.6	U	1.6	1.6	ug/m3			10/31/18 22:18	2
1,2-Dichloroethene, Total	300		3.2	3.2	ug/m3			10/31/18 22:18	2
1,2-Dichloropropane	1.8	U	1.8	1.8	ug/m3			10/31/18 22:18	2
1,2-Dichlorotetrafluoroethane	2.8	U	2.8	2.8	ug/m3			10/31/18 22:18	2
1,3,5-Trimethylbenzene	2.0	U	2.0	2.0	ug/m3			10/31/18 22:18	2
1,3-Butadiene	0.88	U	0.88	0.88	ug/m3			10/31/18 22:18	2
1,3-Dichlorobenzene	2.4	U	2.4	2.4	ug/m3			10/31/18 22:18	2
1,4-Dichlorobenzene	2.4	U	2.4	2.4	ug/m3			10/31/18 22:18	2
1,4-Dioxane	36	U	36	36	ug/m3			10/31/18 22:18	2
2,2,4-Trimethylpentane	1.9	U	1.9	1.9	ug/m3			10/31/18 22:18	2
2-Chlorotoluene	2.1	U	2.1	2.1	ug/m3			10/31/18 22:18	2
3-Chloropropene	3.1	U	3.1	3.1	ug/m3			10/31/18 22:18	2
4-Ethyltoluene	2.0	U	2.0	2.0	ug/m3			10/31/18 22:18	2
Acetone	24	U	24	24	ug/m3			10/31/18 22:18	2
Benzene	1.3	U	1.3	1.3	ug/m3			10/31/18 22:18	2
Bromodichloromethane	2.7	U	2.7	2.7	ug/m3			10/31/18 22:18	2
Bromoethene(Vinyl Bromide)	1.7	U	1.7	1.7	ug/m3			10/31/18 22:18	2
Bromoform	4.1	U	4.1	4.1	ug/m3			10/31/18 22:18	2
Bromomethane	1.6	U	1.6	1.6	ug/m3			10/31/18 22:18	2
Carbon disulfide	3.5		3.1	3.1	ug/m3			10/31/18 22:18	2
Carbon tetrachloride	2.5	U	2.5	2.5	ug/m3			10/31/18 22:18	2
Chlorobenzene	1.8	U	1.8	1.8	ug/m3			10/31/18 22:18	2
Chloroethane	93		2.6	2.6	ug/m3			10/31/18 22:18	2

TestAmerica Burlington

Client Sample Results

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

TestAmerica Job ID: 200-45868-1

Client Sample ID: AS-EFFLUENT 4Q18

Lab Sample ID: 200-45868-1

Date Collected: 10/22/18 07:30

Matrix: Air

Date Received: 10/24/18 09:55

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	2.0	U	2.0	2.0	ug/m3			10/31/18 22:18	2
Chloromethane	2.1	U	2.1	2.1	ug/m3			10/31/18 22:18	2
cis-1,2-Dichloroethene	190		1.6	1.6	ug/m3			10/31/18 22:18	2
cis-1,3-Dichloropropene	1.8	U	1.8	1.8	ug/m3			10/31/18 22:18	2
Cyclohexane	1.4	U	1.4	1.4	ug/m3			10/31/18 22:18	2
Dibromochloromethane	3.4	U	3.4	3.4	ug/m3			10/31/18 22:18	2
Dichlorodifluoromethane	4.9	U	4.9	4.9	ug/m3			10/31/18 22:18	2
Ethylbenzene	1.7	U	1.7	1.7	ug/m3			10/31/18 22:18	2
Freon TF	3.1	U	3.1	3.1	ug/m3			10/31/18 22:18	2
Hexachlorobutadiene	4.3	U	4.3	4.3	ug/m3			10/31/18 22:18	2
Isopropyl alcohol	25	U	25	25	ug/m3			10/31/18 22:18	2
m,p-Xylene	4.3	U	4.3	4.3	ug/m3			10/31/18 22:18	2
Methyl Butyl Ketone (2-Hexanone)	4.1	U	4.1	4.1	ug/m3			10/31/18 22:18	2
Methyl Ethyl Ketone	2.9	U	2.9	2.9	ug/m3			10/31/18 22:18	2
methyl isobutyl ketone	4.1	U	4.1	4.1	ug/m3			10/31/18 22:18	2
Methyl tert-butyl ether	1.4	U	1.4	1.4	ug/m3			10/31/18 22:18	2
Methylene Chloride	3.5	U	3.5	3.5	ug/m3			10/31/18 22:18	2
n-Heptane	1.6	U *	1.6	1.6	ug/m3			10/31/18 22:18	2
n-Hexane	1.4	U	1.4	1.4	ug/m3			10/31/18 22:18	2
Styrene	1.7	U	1.7	1.7	ug/m3			10/31/18 22:18	2
tert-Butyl alcohol	30	U	30	30	ug/m3			10/31/18 22:18	2
Tetrachloroethene	2.7	U	2.7	2.7	ug/m3			10/31/18 22:18	2
Tetrahydrofuran	29	U	29	29	ug/m3			10/31/18 22:18	2
Toluene	1.5	U	1.5	1.5	ug/m3			10/31/18 22:18	2
trans-1,2-Dichloroethene	110		1.6	1.6	ug/m3			10/31/18 22:18	2
trans-1,3-Dichloropropene	1.8	U	1.8	1.8	ug/m3			10/31/18 22:18	2
Trichloroethene	2.1	U	2.1	2.1	ug/m3			10/31/18 22:18	2
Trichlorofluoromethane	2.2	U	2.2	2.2	ug/m3			10/31/18 22:18	2
Vinyl chloride	11		1.0	1.0	ug/m3			10/31/18 22:18	2
Xylene (total)	6.1	U	6.1	6.1	ug/m3			10/31/18 22:18	2
Xylene, o-	1.7	U	1.7	1.7	ug/m3			10/31/18 22:18	2

TestAmerica Burlington

Client Sample Results

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

TestAmerica Job ID: 200-45868-1

Client Sample ID: LRP-EFFLUENT 4/Q18

Lab Sample ID: 200-45868-2

Date Collected: 10/22/18 07:30

Matrix: Air

Date Received: 10/24/18 09:55

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,1,2,2-Tetrachloroethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,1,2-Trichloroethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,1-Dichloroethane	17		11	11	ppb v/v			11/01/18 08:13	56.2
1,1-Dichloroethene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,2,4-Trichlorobenzene	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
1,2,4-Trimethylbenzene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,2-Dibromoethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,2-Dichlorobenzene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,2-Dichloroethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,2-Dichloroethene, Total	1500		22	22	ppb v/v			11/01/18 08:13	56.2
1,2-Dichloropropane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,2-Dichlorotetrafluoroethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,3,5-Trimethylbenzene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,3-Butadiene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,3-Dichlorobenzene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,4-Dichlorobenzene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
1,4-Dioxane	280	U	280	280	ppb v/v			11/01/18 08:13	56.2
2,2,4-Trimethylpentane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
2-Chlorotoluene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
3-Chloropropene	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
4-Ethyltoluene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Acetone	280	U	280	280	ppb v/v			11/01/18 08:13	56.2
Benzene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Bromodichloromethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Bromoethene(Vinyl Bromide)	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Bromoform	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Bromomethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Carbon disulfide	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
Carbon tetrachloride	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Chlorobenzene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Chloroethane	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
Chloroform	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Chloromethane	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
cis-1,2-Dichloroethene	1500		11	11	ppb v/v			11/01/18 08:13	56.2
cis-1,3-Dichloropropene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Cyclohexane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Dibromochloromethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Dichlorodifluoromethane	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
Ethylbenzene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Freon TF	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Hexachlorobutadiene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Isopropyl alcohol	280	U	280	280	ppb v/v			11/01/18 08:13	56.2
m,p-Xylene	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
Methyl Butyl Ketone (2-Hexanone)	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
Methyl Ethyl Ketone	56		28	28	ppb v/v			11/01/18 08:13	56.2
methyl isobutyl ketone	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
Methyl tert-butyl ether	11	U	11	11	ppb v/v			11/01/18 08:13	56.2

TestAmerica Burlington

Client Sample Results

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

TestAmerica Job ID: 200-45868-1

Client Sample ID: LRP-EFFLUENT 4/Q18

Lab Sample ID: 200-45868-2

Date Collected: 10/22/18 07:30

Matrix: Air

Date Received: 10/24/18 09:55

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	28	U	28	28	ppb v/v			11/01/18 08:13	56.2
n-Heptane	11	U *	11	11	ppb v/v			11/01/18 08:13	56.2
n-Hexane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Styrene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
tert-Butyl alcohol	280	U	280	280	ppb v/v			11/01/18 08:13	56.2
Tetrachloroethene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Tetrahydrofuran	280	U	280	280	ppb v/v			11/01/18 08:13	56.2
Toluene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
trans-1,2-Dichloroethene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
trans-1,3-Dichloropropene	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Trichloroethene	14		11	11	ppb v/v			11/01/18 08:13	56.2
Trichlorofluoromethane	11	U	11	11	ppb v/v			11/01/18 08:13	56.2
Vinyl chloride	1200		11	11	ppb v/v			11/01/18 08:13	56.2
Xylene (total)	39	U	39	39	ppb v/v			11/01/18 08:13	56.2
Xylene, o-	11	U	11	11	ppb v/v			11/01/18 08:13	56.2

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	61	U	61	61	ug/m3			11/01/18 08:13	56.2
1,1,2,2-Tetrachloroethane	77	U	77	77	ug/m3			11/01/18 08:13	56.2
1,1,2-Trichloroethane	61	U	61	61	ug/m3			11/01/18 08:13	56.2
1,1-Dichloroethane	68		45	45	ug/m3			11/01/18 08:13	56.2
1,1-Dichloroethene	45	U	45	45	ug/m3			11/01/18 08:13	56.2
1,2,4-Trichlorobenzene	210	U	210	210	ug/m3			11/01/18 08:13	56.2
1,2,4-Trimethylbenzene	55	U	55	55	ug/m3			11/01/18 08:13	56.2
1,2-Dibromoethane	86	U	86	86	ug/m3			11/01/18 08:13	56.2
1,2-Dichlorobenzene	68	U	68	68	ug/m3			11/01/18 08:13	56.2
1,2-Dichloroethane	45	U	45	45	ug/m3			11/01/18 08:13	56.2
1,2-Dichloroethene, Total	5900		89	89	ug/m3			11/01/18 08:13	56.2
1,2-Dichloropropane	52	U	52	52	ug/m3			11/01/18 08:13	56.2
1,2-Dichlorotetrafluoroethane	79	U	79	79	ug/m3			11/01/18 08:13	56.2
1,3,5-Trimethylbenzene	55	U	55	55	ug/m3			11/01/18 08:13	56.2
1,3-Butadiene	25	U	25	25	ug/m3			11/01/18 08:13	56.2
1,3-Dichlorobenzene	68	U	68	68	ug/m3			11/01/18 08:13	56.2
1,4-Dichlorobenzene	68	U	68	68	ug/m3			11/01/18 08:13	56.2
1,4-Dioxane	1000	U	1000	1000	ug/m3			11/01/18 08:13	56.2
2,2,4-Trimethylpentane	53	U	53	53	ug/m3			11/01/18 08:13	56.2
2-Chlorotoluene	58	U	58	58	ug/m3			11/01/18 08:13	56.2
3-Chloropropene	88	U	88	88	ug/m3			11/01/18 08:13	56.2
4-Ethyltoluene	55	U	55	55	ug/m3			11/01/18 08:13	56.2
Acetone	670	U	670	670	ug/m3			11/01/18 08:13	56.2
Benzene	36	U	36	36	ug/m3			11/01/18 08:13	56.2
Bromodichloromethane	75	U	75	75	ug/m3			11/01/18 08:13	56.2
Bromoethene(Vinyl Bromide)	49	U	49	49	ug/m3			11/01/18 08:13	56.2
Bromoform	120	U	120	120	ug/m3			11/01/18 08:13	56.2
Bromomethane	44	U	44	44	ug/m3			11/01/18 08:13	56.2
Carbon disulfide	88	U	88	88	ug/m3			11/01/18 08:13	56.2
Carbon tetrachloride	71	U	71	71	ug/m3			11/01/18 08:13	56.2
Chlorobenzene	52	U	52	52	ug/m3			11/01/18 08:13	56.2
Chloroethane	74	U	74	74	ug/m3			11/01/18 08:13	56.2

TestAmerica Burlington

Client Sample Results

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

TestAmerica Job ID: 200-45868-1

Client Sample ID: LRP-EFFLUENT 4/Q18

Lab Sample ID: 200-45868-2

Date Collected: 10/22/18 07:30

Matrix: Air

Date Received: 10/24/18 09:55

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	55	U	55	55	ug/m3			11/01/18 08:13	56.2
Chloromethane	58	U	58	58	ug/m3			11/01/18 08:13	56.2
cis-1,2-Dichloroethene	6100		45	45	ug/m3			11/01/18 08:13	56.2
cis-1,3-Dichloropropene	51	U	51	51	ug/m3			11/01/18 08:13	56.2
Cyclohexane	39	U	39	39	ug/m3			11/01/18 08:13	56.2
Dibromochloromethane	96	U	96	96	ug/m3			11/01/18 08:13	56.2
Dichlorodifluoromethane	140	U	140	140	ug/m3			11/01/18 08:13	56.2
Ethylbenzene	49	U	49	49	ug/m3			11/01/18 08:13	56.2
Freon TF	86	U	86	86	ug/m3			11/01/18 08:13	56.2
Hexachlorobutadiene	120	U	120	120	ug/m3			11/01/18 08:13	56.2
Isopropyl alcohol	690	U	690	690	ug/m3			11/01/18 08:13	56.2
m,p-Xylene	120	U	120	120	ug/m3			11/01/18 08:13	56.2
Methyl Butyl Ketone (2-Hexanone)	120	U	120	120	ug/m3			11/01/18 08:13	56.2
Methyl Ethyl Ketone	170		83	83	ug/m3			11/01/18 08:13	56.2
methyl isobutyl ketone	120	U	120	120	ug/m3			11/01/18 08:13	56.2
Methyl tert-butyl ether	41	U	41	41	ug/m3			11/01/18 08:13	56.2
Methylene Chloride	98	U	98	98	ug/m3			11/01/18 08:13	56.2
n-Heptane	46	U *	46	46	ug/m3			11/01/18 08:13	56.2
n-Hexane	40	U	40	40	ug/m3			11/01/18 08:13	56.2
Styrene	48	U	48	48	ug/m3			11/01/18 08:13	56.2
tert-Butyl alcohol	850	U	850	850	ug/m3			11/01/18 08:13	56.2
Tetrachloroethene	76	U	76	76	ug/m3			11/01/18 08:13	56.2
Tetrahydrofuran	830	U	830	830	ug/m3			11/01/18 08:13	56.2
Toluene	42	U	42	42	ug/m3			11/01/18 08:13	56.2
trans-1,2-Dichloroethene	45	U	45	45	ug/m3			11/01/18 08:13	56.2
trans-1,3-Dichloropropene	51	U	51	51	ug/m3			11/01/18 08:13	56.2
Trichloroethene	73		60	60	ug/m3			11/01/18 08:13	56.2
Trichlorofluoromethane	63	U	63	63	ug/m3			11/01/18 08:13	56.2
Vinyl chloride	3000		29	29	ug/m3			11/01/18 08:13	56.2
Xylene (total)	170	U	170	170	ug/m3			11/01/18 08:13	56.2
Xylene, o-	49	U	49	49	ug/m3			11/01/18 08:13	56.2

TestAmerica Burlington

Lab Chronicle

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

TestAmerica Job ID: 200-45868-1

Client Sample ID: AS-EFFLUENT 4Q18

Date Collected: 10/22/18 07:30

Date Received: 10/24/18 09:55

Lab Sample ID: 200-45868-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		2	136163	10/31/18 22:18	K1P	TAL BUR

Client Sample ID: LRP-EFFLUENT 4/Q18

Date Collected: 10/22/18 07:30

Date Received: 10/24/18 09:55

Lab Sample ID: 200-45868-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		56.2	136163	11/01/18 08:13	K1P	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

TestAmerica Job ID: 200-45868-1

Project/Site: Scott Figgie West of Plant 2

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
ANAB	DoD ELAP		L2336	02-25-20
Connecticut	State Program	1	PH-0751	09-30-19
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-01-19
Florida	NELAP	4	E87467	06-30-19
Maine	State Program	1	VT00008	04-17-19
Minnesota	NELAP	5	050-999-436	12-31-18
New Hampshire	NELAP	1	2006	12-18-18
New Jersey	NELAP	2	VT972	06-30-19
New York	NELAP	2	10391	04-01-19
Pennsylvania	NELAP	3	68-00489	04-30-19
Rhode Island	State Program	1	LAO00298	12-30-18
US Fish & Wildlife	Federal		LE-058448-0	07-31-19
USDA	Federal		P330-11-00093	07-24-20
Vermont	State Program	1	VT-4000	12-31-18
Virginia	NELAP	3	460209	12-14-18

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	03-31-19

Method Summary

Client: AECOM

TestAmerica Job ID: 200-45868-1

Project/Site: Scott Figgie West of Plant 2

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

Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 200-45868-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-45868-1	AS-EFFLUENT 4Q18	Air	10/22/18 07:30	10/24/18 09:55
200-45868-2	LRP-EFFLUENT 4/Q18	Air	10/22/18 07:30	10/24/18 09:55

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.

[illegible]

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Part # 159489-434 RIT2 EXP 07/18

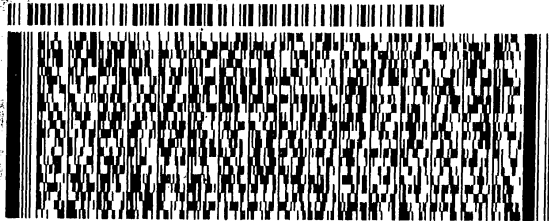
ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

SHIP DATE: 23OCT18
ACTWGT: 13.35 LB
CAD: 846654/CAFE3210
DIMS: 21x17x10 IN

AMHERST, NY 14228
UNITED STATES US

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



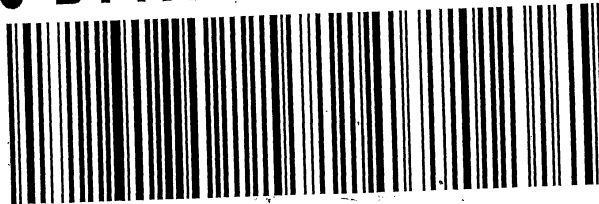
FedEx

TRK# 4276 0718 0178
0201

WED - 24 OCT 10:30A
PRIORITY OVERNIGHT

NC BTVA

05403
VT-US
BTVA



FID 3705648 23OCT18 BUFA 553C1/89FB/0C8A

Login Sample Receipt Checklist

Client: AECOM

Job Number: 200-45868-1

Login Number: 45868

List Number: 1

Creator: Hall, Samuel C

List Source: TestAmerica Burlington

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.	N/A	
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	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Login Sample Receipt Checklist

Client: AECOM

Job Number: 200-45868-1

Login Number: 45868

List Number: 2

Creator: Hall, Samuel C

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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	712143, -144
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-144170-1

Client Project/Site: Scott Figgie West of Plant 2

For:

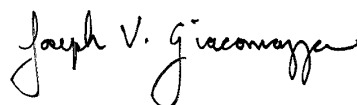
AECOM

257 West Genesee Street

Suite 400

Buffalo, New York 14202-2657

Attn: Mr. Dino Zack



Authorized for release by:

11/7/2018 3:38:28 PM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management

(716)504-9835

brian.fischer@testamericainc.com

LINKS

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results through

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www.testamericainc.com

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

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Lab Chronicle	49
Certification Summary	53
Method Summary	54
Sample Summary	55
Receipt Checklists	56
Chain of Custody	57



Definitions/Glossary

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

TestAmerica Job ID: 480-144170-1

Qualifiers

GC/MS VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	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)

Case Narrative

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

TestAmerica Job ID: 480-144170-1

Job ID: 480-144170-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-144170-1

Comments

No additional comments.

Receipt

The samples were received on 10/25/2018 1:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-443382 recovered outside acceptance criteria, low biased, for Carbon disulfide and 1,1,2-Trichloro-1,2,2-trifluoroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: MW-2 (480-144170-1), MW-3 (480-144170-2), MW-4 (480-144170-3), DPE-6 (480-144170-4), DEP-7 (480-144170-5), MW-11 (480-144170-6), Duplicate (480-144170-9), Rinse (480-144170-10), MW-16D (480-144170-11), MW-13S (480-144170-12), MW-8R (480-144170-13), Trip Blank (480-144170-16), DEP-1 (480-144170-17) and DEP-2 (480-144170-18).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-4 (480-144170-3), DPE-6 (480-144170-4), DEP-8 (480-144170-7), (480-144170-B-3 MS) and (480-144170-B-3 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: DEP-7 (480-144170-5), MW-11 (480-144170-6), Duplicate (480-144170-9), MW-8R (480-144170-13) and DEP-1 (480-144170-17). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-443382 recovered outside acceptance criteria, low biased, for Carbon disulfide. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. Due to holding time limitations the samples were not reanalyzed. The following sample is impacted: DEP-8 (480-144170-7).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-443382 recovered outside acceptance criteria, low biased, for 1,1,2-Trichloro-1,2,2-trifluoroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following sample is impacted: DEP-8 (480-144170-7).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: DEP-8 (480-144170-7), MW-16S (480-144170-8), MW-13D (480-144170-14), DEP-3 (480-144170-19) and DEP-5 (480-144170-21). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: DEP-3 (480-144170-19). Elevated reporting limits (RLs) are provided.

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

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-2
Date Collected: 10/24/18 08:55
Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/18 00:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/18 00:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/18 00:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/18 00:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/18 00:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/18 00:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/18 00:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/18 00:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/18 00:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/18 00:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/18 00:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/18 00:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/18 00:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/18 00:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/18 00:27	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/18 00:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/18 00:27	1
Acetone	9.8	J	10	3.0	ug/L			11/03/18 00:27	1
Benzene	ND		1.0	0.41	ug/L			11/03/18 00:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/18 00:27	1
Bromoform	ND		1.0	0.26	ug/L			11/03/18 00:27	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/18 00:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/18 00:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/18 00:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/18 00:27	1
Chloroethane	3.3		1.0	0.32	ug/L			11/03/18 00:27	1
Chloroform	ND		1.0	0.34	ug/L			11/03/18 00:27	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/18 00:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/18 00:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/18 00:27	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/18 00:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/03/18 00:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/18 00:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/18 00:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/18 00:27	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/18 00:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/18 00:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/18 00:27	1
Methylene Chloride	0.50	J	1.0	0.44	ug/L			11/03/18 00:27	1
Styrene	ND		1.0	0.73	ug/L			11/03/18 00:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/18 00:27	1
Toluene	ND		1.0	0.51	ug/L			11/03/18 00:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/18 00:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/18 00:27	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/18 00:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/18 00:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/18 00:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/18 00:27	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-2

Lab Sample ID: 480-144170-1

Date Collected: 10/24/18 08:55

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		11/03/18 00:27	1
4-Bromofluorobenzene (Surr)	109		73 - 120		11/03/18 00:27	1
Toluene-d8 (Surr)	104		80 - 120		11/03/18 00:27	1
Dibromofluoromethane (Surr)	106		75 - 123		11/03/18 00:27	1

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-3

Date Collected: 10/24/18 10:20

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/18 00:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/18 00:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/18 00:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/18 00:53	1
1,1-Dichloroethane	7.8		1.0	0.38	ug/L			11/03/18 00:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/18 00:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/18 00:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/18 00:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/18 00:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/18 00:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/18 00:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/18 00:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/18 00:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/18 00:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/18 00:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/18 00:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/18 00:53	1
Acetone	ND		10	3.0	ug/L			11/03/18 00:53	1
Benzene	ND		1.0	0.41	ug/L			11/03/18 00:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/18 00:53	1
Bromoform	ND		1.0	0.26	ug/L			11/03/18 00:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/18 00:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/18 00:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/18 00:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/18 00:53	1
Chloroethane	2.4		1.0	0.32	ug/L			11/03/18 00:53	1
Chloroform	ND		1.0	0.34	ug/L			11/03/18 00:53	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/18 00:53	1
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L			11/03/18 00:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/18 00:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/18 00:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/03/18 00:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/18 00:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/18 00:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/18 00:53	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/18 00:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/18 00:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/18 00:53	1
Methylene Chloride	0.53 J		1.0	0.44	ug/L			11/03/18 00:53	1
Styrene	ND		1.0	0.73	ug/L			11/03/18 00:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/18 00:53	1
Toluene	ND		1.0	0.51	ug/L			11/03/18 00:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/18 00:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/18 00:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/18 00:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/18 00:53	1
Vinyl chloride	24		1.0	0.90	ug/L			11/03/18 00:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/18 00:53	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-3

Lab Sample ID: 480-144170-2

Date Collected: 10/24/18 10:20

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/03/18 00:53	1
4-Bromofluorobenzene (Surr)	102		73 - 120		11/03/18 00:53	1
Toluene-d8 (Surr)	100		80 - 120		11/03/18 00:53	1
Dibromofluoromethane (Surr)	98		75 - 123		11/03/18 00:53	1

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-4

Lab Sample ID: 480-144170-3

Date Collected: 10/24/18 11:50

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			11/03/18 01:20	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			11/03/18 01:20	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			11/03/18 01:20	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			11/03/18 01:20	20
1,1-Dichloroethane	ND		20	7.6	ug/L			11/03/18 01:20	20
1,1-Dichloroethene	ND		20	5.8	ug/L			11/03/18 01:20	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			11/03/18 01:20	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			11/03/18 01:20	20
1,2-Dibromoethane	ND		20	15	ug/L			11/03/18 01:20	20
1,2-Dichlorobenzene	ND		20	16	ug/L			11/03/18 01:20	20
1,2-Dichloroethane	ND		20	4.2	ug/L			11/03/18 01:20	20
1,2-Dichloropropane	ND		20	14	ug/L			11/03/18 01:20	20
1,3-Dichlorobenzene	ND		20	16	ug/L			11/03/18 01:20	20
1,4-Dichlorobenzene	ND		20	17	ug/L			11/03/18 01:20	20
2-Butanone (MEK)	49	J	200	26	ug/L			11/03/18 01:20	20
2-Hexanone	ND		100	25	ug/L			11/03/18 01:20	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			11/03/18 01:20	20
Acetone	ND		200	60	ug/L			11/03/18 01:20	20
Benzene	ND		20	8.2	ug/L			11/03/18 01:20	20
Bromodichloromethane	ND		20	7.8	ug/L			11/03/18 01:20	20
Bromoform	ND		20	5.2	ug/L			11/03/18 01:20	20
Bromomethane	ND		20	14	ug/L			11/03/18 01:20	20
Carbon disulfide	ND		20	3.8	ug/L			11/03/18 01:20	20
Carbon tetrachloride	ND		20	5.4	ug/L			11/03/18 01:20	20
Chlorobenzene	ND		20	15	ug/L			11/03/18 01:20	20
Chloroethane	420		20	6.4	ug/L			11/03/18 01:20	20
Chloroform	ND		20	6.8	ug/L			11/03/18 01:20	20
Chloromethane	ND		20	7.0	ug/L			11/03/18 01:20	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			11/03/18 01:20	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			11/03/18 01:20	20
Cyclohexane	ND		20	3.6	ug/L			11/03/18 01:20	20
Dibromochloromethane	ND		20	6.4	ug/L			11/03/18 01:20	20
Dichlorodifluoromethane	ND		20	14	ug/L			11/03/18 01:20	20
Ethylbenzene	ND		20	15	ug/L			11/03/18 01:20	20
Isopropylbenzene	ND		20	16	ug/L			11/03/18 01:20	20
Methyl acetate	ND		50	26	ug/L			11/03/18 01:20	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			11/03/18 01:20	20
Methylcyclohexane	ND		20	3.2	ug/L			11/03/18 01:20	20
Methylene Chloride	11	J	20	8.8	ug/L			11/03/18 01:20	20
Styrene	ND		20	15	ug/L			11/03/18 01:20	20
Tetrachloroethene	ND		20	7.2	ug/L			11/03/18 01:20	20
Toluene	17	J	20	10	ug/L			11/03/18 01:20	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			11/03/18 01:20	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			11/03/18 01:20	20
Trichloroethene	ND		20	9.2	ug/L			11/03/18 01:20	20
Trichlorofluoromethane	ND		20	18	ug/L			11/03/18 01:20	20
Vinyl chloride	ND		20	18	ug/L			11/03/18 01:20	20
Xylenes, Total	ND		40	13	ug/L			11/03/18 01:20	20

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-4

Lab Sample ID: 480-144170-3

Date Collected: 10/24/18 11:50

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		11/03/18 01:20	20
4-Bromofluorobenzene (Surr)	101		73 - 120		11/03/18 01:20	20
Toluene-d8 (Surr)	101		80 - 120		11/03/18 01:20	20
Dibromofluoromethane (Surr)	104		75 - 123		11/03/18 01:20	20

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DPE-6

Lab Sample ID: 480-144170-4

Date Collected: 10/25/18 11:45

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			11/03/18 01:48	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			11/03/18 01:48	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			11/03/18 01:48	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			11/03/18 01:48	20
1,1-Dichloroethane	700		20	7.6	ug/L			11/03/18 01:48	20
1,1-Dichloroethene	ND		20	5.8	ug/L			11/03/18 01:48	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			11/03/18 01:48	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			11/03/18 01:48	20
1,2-Dibromoethane	ND		20	15	ug/L			11/03/18 01:48	20
1,2-Dichlorobenzene	ND		20	16	ug/L			11/03/18 01:48	20
1,2-Dichloroethane	ND		20	4.2	ug/L			11/03/18 01:48	20
1,2-Dichloropropane	ND		20	14	ug/L			11/03/18 01:48	20
1,3-Dichlorobenzene	ND		20	16	ug/L			11/03/18 01:48	20
1,4-Dichlorobenzene	ND		20	17	ug/L			11/03/18 01:48	20
2-Butanone (MEK)	380		200	26	ug/L			11/03/18 01:48	20
2-Hexanone	ND		100	25	ug/L			11/03/18 01:48	20
4-Methyl-2-pentanone (MIBK)	42 J		100	42	ug/L			11/03/18 01:48	20
Acetone	1700		200	60	ug/L			11/03/18 01:48	20
Benzene	ND		20	8.2	ug/L			11/03/18 01:48	20
Bromodichloromethane	ND		20	7.8	ug/L			11/03/18 01:48	20
Bromoform	ND		20	5.2	ug/L			11/03/18 01:48	20
Bromomethane	ND		20	14	ug/L			11/03/18 01:48	20
Carbon disulfide	ND		20	3.8	ug/L			11/03/18 01:48	20
Carbon tetrachloride	ND		20	5.4	ug/L			11/03/18 01:48	20
Chlorobenzene	ND		20	15	ug/L			11/03/18 01:48	20
Chloroethane	ND		20	6.4	ug/L			11/03/18 01:48	20
Chloroform	ND		20	6.8	ug/L			11/03/18 01:48	20
Chloromethane	ND		20	7.0	ug/L			11/03/18 01:48	20
cis-1,2-Dichloroethene	310		20	16	ug/L			11/03/18 01:48	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			11/03/18 01:48	20
Cyclohexane	ND		20	3.6	ug/L			11/03/18 01:48	20
Dibromochloromethane	ND		20	6.4	ug/L			11/03/18 01:48	20
Dichlorodifluoromethane	ND		20	14	ug/L			11/03/18 01:48	20
Ethylbenzene	ND		20	15	ug/L			11/03/18 01:48	20
Isopropylbenzene	ND		20	16	ug/L			11/03/18 01:48	20
Methyl acetate	ND		50	26	ug/L			11/03/18 01:48	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			11/03/18 01:48	20
Methylcyclohexane	ND		20	3.2	ug/L			11/03/18 01:48	20
Methylene Chloride	12 J		20	8.8	ug/L			11/03/18 01:48	20
Styrene	ND		20	15	ug/L			11/03/18 01:48	20
Tetrachloroethene	ND		20	7.2	ug/L			11/03/18 01:48	20
Toluene	13 J		20	10	ug/L			11/03/18 01:48	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			11/03/18 01:48	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			11/03/18 01:48	20
Trichloroethene	17 J		20	9.2	ug/L			11/03/18 01:48	20
Trichlorofluoromethane	ND		20	18	ug/L			11/03/18 01:48	20
Vinyl chloride	180		20	18	ug/L			11/03/18 01:48	20
Xylenes, Total	ND		40	13	ug/L			11/03/18 01:48	20

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-6

Lab Sample ID: 480-144170-4

Date Collected: 10/25/18 11:45

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/03/18 01:48	20
4-Bromofluorobenzene (Surr)	102		73 - 120		11/03/18 01:48	20
Toluene-d8 (Surr)	101		80 - 120		11/03/18 01:48	20
Dibromofluoromethane (Surr)	103		75 - 123		11/03/18 01:48	20

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-7

Lab Sample ID: 480-144170-5

Date Collected: 10/25/18 10:53

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			11/03/18 02:14	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/03/18 02:14	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/03/18 02:14	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/03/18 02:14	10
1,1-Dichloroethane	ND		10	3.8	ug/L			11/03/18 02:14	10
1,1-Dichloroethene	ND		10	2.9	ug/L			11/03/18 02:14	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/03/18 02:14	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/03/18 02:14	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/03/18 02:14	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/03/18 02:14	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/03/18 02:14	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/03/18 02:14	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			11/03/18 02:14	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			11/03/18 02:14	10
2-Butanone (MEK)	18	J	100	13	ug/L			11/03/18 02:14	10
2-Hexanone	ND		50	12	ug/L			11/03/18 02:14	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/03/18 02:14	10
Acetone	ND		100	30	ug/L			11/03/18 02:14	10
Benzene	ND		10	4.1	ug/L			11/03/18 02:14	10
Bromodichloromethane	ND		10	3.9	ug/L			11/03/18 02:14	10
Bromoform	ND		10	2.6	ug/L			11/03/18 02:14	10
Bromomethane	ND		10	6.9	ug/L			11/03/18 02:14	10
Carbon disulfide	ND		10	1.9	ug/L			11/03/18 02:14	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/03/18 02:14	10
Chlorobenzene	ND		10	7.5	ug/L			11/03/18 02:14	10
Chloroethane	190		10	3.2	ug/L			11/03/18 02:14	10
Chloroform	ND		10	3.4	ug/L			11/03/18 02:14	10
Chloromethane	ND		10	3.5	ug/L			11/03/18 02:14	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			11/03/18 02:14	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/03/18 02:14	10
Cyclohexane	ND		10	1.8	ug/L			11/03/18 02:14	10
Dibromochloromethane	ND		10	3.2	ug/L			11/03/18 02:14	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/03/18 02:14	10
Ethylbenzene	ND		10	7.4	ug/L			11/03/18 02:14	10
Isopropylbenzene	ND		10	7.9	ug/L			11/03/18 02:14	10
Methyl acetate	ND		25	13	ug/L			11/03/18 02:14	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/03/18 02:14	10
Methylcyclohexane	ND		10	1.6	ug/L			11/03/18 02:14	10
Methylene Chloride	5.8	J	10	4.4	ug/L			11/03/18 02:14	10
Styrene	ND		10	7.3	ug/L			11/03/18 02:14	10
Tetrachloroethene	ND		10	3.6	ug/L			11/03/18 02:14	10
Toluene	ND		10	5.1	ug/L			11/03/18 02:14	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			11/03/18 02:14	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/03/18 02:14	10
Trichloroethene	ND		10	4.6	ug/L			11/03/18 02:14	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/03/18 02:14	10
Vinyl chloride	ND		10	9.0	ug/L			11/03/18 02:14	10
Xylenes, Total	ND		20	6.6	ug/L			11/03/18 02:14	10

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DEP-7

Lab Sample ID: 480-144170-5

Date Collected: 10/25/18 10:53

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/03/18 02:14	10
4-Bromofluorobenzene (Surr)	102		73 - 120		11/03/18 02:14	10
Toluene-d8 (Surr)	103		80 - 120		11/03/18 02:14	10
Dibromofluoromethane (Surr)	100		75 - 123		11/03/18 02:14	10

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-11

Lab Sample ID: 480-144170-6

Date Collected: 10/24/18 09:37

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/03/18 02:41	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/03/18 02:41	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/03/18 02:41	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/03/18 02:41	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/03/18 02:41	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/03/18 02:41	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/03/18 02:41	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/03/18 02:41	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/03/18 02:41	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/03/18 02:41	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/03/18 02:41	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/03/18 02:41	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/03/18 02:41	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/03/18 02:41	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/03/18 02:41	4
2-Hexanone	ND		20	5.0	ug/L			11/03/18 02:41	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/03/18 02:41	4
Acetone	ND		40	12	ug/L			11/03/18 02:41	4
Benzene	ND		4.0	1.6	ug/L			11/03/18 02:41	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/03/18 02:41	4
Bromoform	ND		4.0	1.0	ug/L			11/03/18 02:41	4
Bromomethane	ND		4.0	2.8	ug/L			11/03/18 02:41	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/03/18 02:41	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/03/18 02:41	4
Chlorobenzene	ND		4.0	3.0	ug/L			11/03/18 02:41	4
Chloroethane	ND		4.0	1.3	ug/L			11/03/18 02:41	4
Chloroform	ND		4.0	1.4	ug/L			11/03/18 02:41	4
Chloromethane	ND		4.0	1.4	ug/L			11/03/18 02:41	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/03/18 02:41	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/03/18 02:41	4
Cyclohexane	ND		4.0	0.72	ug/L			11/03/18 02:41	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/03/18 02:41	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/03/18 02:41	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/03/18 02:41	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/03/18 02:41	4
Methyl acetate	ND		10	5.2	ug/L			11/03/18 02:41	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/03/18 02:41	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/03/18 02:41	4
Methylene Chloride	2.4	J	4.0	1.8	ug/L			11/03/18 02:41	4
Styrene	ND		4.0	2.9	ug/L			11/03/18 02:41	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/03/18 02:41	4
Toluene	ND		4.0	2.0	ug/L			11/03/18 02:41	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/03/18 02:41	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/03/18 02:41	4
Trichloroethene	ND		4.0	1.8	ug/L			11/03/18 02:41	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/03/18 02:41	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/03/18 02:41	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/03/18 02:41	4

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-11

Lab Sample ID: 480-144170-6

Date Collected: 10/24/18 09:37

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/03/18 02:41	4
4-Bromofluorobenzene (Surr)	103		73 - 120		11/03/18 02:41	4
Toluene-d8 (Surr)	102		80 - 120		11/03/18 02:41	4
Dibromofluoromethane (Surr)	104		75 - 123		11/03/18 02:41	4

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-8

Lab Sample ID: 480-144170-7

Date Collected: 10/25/18 10:40

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			11/03/18 03:09	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			11/03/18 03:09	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			11/03/18 03:09	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			11/03/18 03:09	20
1,1-Dichloroethane	330		20	7.6	ug/L			11/03/18 03:09	20
1,1-Dichloroethene	ND		20	5.8	ug/L			11/03/18 03:09	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			11/03/18 03:09	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			11/03/18 03:09	20
1,2-Dibromoethane	ND		20	15	ug/L			11/03/18 03:09	20
1,2-Dichlorobenzene	ND		20	16	ug/L			11/03/18 03:09	20
1,2-Dichloroethane	ND		20	4.2	ug/L			11/03/18 03:09	20
1,2-Dichloropropane	ND		20	14	ug/L			11/03/18 03:09	20
1,3-Dichlorobenzene	ND		20	16	ug/L			11/03/18 03:09	20
1,4-Dichlorobenzene	ND		20	17	ug/L			11/03/18 03:09	20
2-Butanone (MEK)	ND		200	26	ug/L			11/03/18 03:09	20
2-Hexanone	ND		100	25	ug/L			11/03/18 03:09	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			11/03/18 03:09	20
Acetone	ND		200	60	ug/L			11/03/18 03:09	20
Benzene	ND		20	8.2	ug/L			11/03/18 03:09	20
Bromodichloromethane	ND		20	7.8	ug/L			11/03/18 03:09	20
Bromoform	ND		20	5.2	ug/L			11/03/18 03:09	20
Bromomethane	ND		20	14	ug/L			11/03/18 03:09	20
Carbon disulfide	8.5	J	20	3.8	ug/L			11/03/18 03:09	20
Carbon tetrachloride	ND		20	5.4	ug/L			11/03/18 03:09	20
Chlorobenzene	ND		20	15	ug/L			11/03/18 03:09	20
Chloroethane	62		20	6.4	ug/L			11/03/18 03:09	20
Chloroform	ND		20	6.8	ug/L			11/03/18 03:09	20
Chloromethane	ND		20	7.0	ug/L			11/03/18 03:09	20
cis-1,2-Dichloroethene	18000	E	20	16	ug/L			11/03/18 03:09	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			11/03/18 03:09	20
Cyclohexane	ND		20	3.6	ug/L			11/03/18 03:09	20
Dibromochloromethane	ND		20	6.4	ug/L			11/03/18 03:09	20
Dichlorodifluoromethane	ND		20	14	ug/L			11/03/18 03:09	20
Ethylbenzene	ND		20	15	ug/L			11/03/18 03:09	20
Isopropylbenzene	ND		20	16	ug/L			11/03/18 03:09	20
Methyl acetate	ND		50	26	ug/L			11/03/18 03:09	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			11/03/18 03:09	20
Methylcyclohexane	ND		20	3.2	ug/L			11/03/18 03:09	20
Methylene Chloride	11	J	20	8.8	ug/L			11/03/18 03:09	20
Styrene	ND		20	15	ug/L			11/03/18 03:09	20
Tetrachloroethene	ND		20	7.2	ug/L			11/03/18 03:09	20
Toluene	10	J	20	10	ug/L			11/03/18 03:09	20
trans-1,2-Dichloroethene	34		20	18	ug/L			11/03/18 03:09	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			11/03/18 03:09	20
Trichloroethene	ND		20	9.2	ug/L			11/03/18 03:09	20
Trichlorofluoromethane	ND		20	18	ug/L			11/03/18 03:09	20
Vinyl chloride	1800		20	18	ug/L			11/03/18 03:09	20
Xylenes, Total	ND		40	13	ug/L			11/03/18 03:09	20

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-8

Date Collected: 10/25/18 10:40

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-7

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/03/18 03:09	20
4-Bromofluorobenzene (Surr)	103		73 - 120		11/03/18 03:09	20
Toluene-d8 (Surr)	104		80 - 120		11/03/18 03:09	20
Dibromofluoromethane (Surr)	107		75 - 123		11/03/18 03:09	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		400	330	ug/L			11/03/18 12:16	400
1,1,2,2-Tetrachloroethane	ND		400	84	ug/L			11/03/18 12:16	400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		400	120	ug/L			11/03/18 12:16	400
1,1,2-Trichloroethane	ND		400	92	ug/L			11/03/18 12:16	400
1,1-Dichloroethane	310	J	400	150	ug/L			11/03/18 12:16	400
1,1-Dichloroethene	ND		400	120	ug/L			11/03/18 12:16	400
1,2,4-Trichlorobenzene	ND		400	160	ug/L			11/03/18 12:16	400
1,2-Dibromo-3-Chloropropane	ND		400	160	ug/L			11/03/18 12:16	400
1,2-Dibromoethane	ND		400	290	ug/L			11/03/18 12:16	400
1,2-Dichlorobenzene	ND		400	320	ug/L			11/03/18 12:16	400
1,2-Dichloroethane	ND		400	84	ug/L			11/03/18 12:16	400
1,2-Dichloropropane	ND		400	290	ug/L			11/03/18 12:16	400
1,3-Dichlorobenzene	ND		400	310	ug/L			11/03/18 12:16	400
1,4-Dichlorobenzene	ND		400	340	ug/L			11/03/18 12:16	400
2-Butanone (MEK)	ND		4000	530	ug/L			11/03/18 12:16	400
2-Hexanone	ND		2000	500	ug/L			11/03/18 12:16	400
4-Methyl-2-pentanone (MIBK)	ND		2000	840	ug/L			11/03/18 12:16	400
Acetone	ND		4000	1200	ug/L			11/03/18 12:16	400
Benzene	ND		400	160	ug/L			11/03/18 12:16	400
Bromodichloromethane	ND		400	160	ug/L			11/03/18 12:16	400
Bromoform	ND		400	100	ug/L			11/03/18 12:16	400
Bromomethane	ND		400	280	ug/L			11/03/18 12:16	400
Carbon disulfide	ND		400	76	ug/L			11/03/18 12:16	400
Carbon tetrachloride	ND		400	110	ug/L			11/03/18 12:16	400
Chlorobenzene	ND		400	300	ug/L			11/03/18 12:16	400
Chloroethane	ND		400	130	ug/L			11/03/18 12:16	400
Chloroform	ND		400	140	ug/L			11/03/18 12:16	400
Chloromethane	ND		400	140	ug/L			11/03/18 12:16	400
cis-1,2-Dichloroethene	19000		400	320	ug/L			11/03/18 12:16	400
cis-1,3-Dichloropropene	ND		400	140	ug/L			11/03/18 12:16	400
Cyclohexane	ND		400	72	ug/L			11/03/18 12:16	400
Dibromochloromethane	ND		400	130	ug/L			11/03/18 12:16	400
Dichlorodifluoromethane	ND		400	270	ug/L			11/03/18 12:16	400
Ethylbenzene	ND		400	300	ug/L			11/03/18 12:16	400
Isopropylbenzene	ND		400	320	ug/L			11/03/18 12:16	400
Methyl acetate	ND		1000	520	ug/L			11/03/18 12:16	400
Methyl tert-butyl ether	ND		400	64	ug/L			11/03/18 12:16	400
Methylcyclohexane	ND		400	64	ug/L			11/03/18 12:16	400
Methylene Chloride	ND		400	180	ug/L			11/03/18 12:16	400
Styrene	ND		400	290	ug/L			11/03/18 12:16	400
Tetrachloroethene	ND		400	140	ug/L			11/03/18 12:16	400
Toluene	ND		400	200	ug/L			11/03/18 12:16	400
trans-1,2-Dichloroethene	ND		400	360	ug/L			11/03/18 12:16	400

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-8

Lab Sample ID: 480-144170-7

Date Collected: 10/25/18 10:40

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		400	150	ug/L			11/03/18 12:16	400
Trichloroethene	ND		400	180	ug/L			11/03/18 12:16	400
Trichlorofluoromethane	ND		400	350	ug/L			11/03/18 12:16	400
Vinyl chloride	5900		400	360	ug/L			11/03/18 12:16	400
Xylenes, Total	ND		800	260	ug/L			11/03/18 12:16	400

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/03/18 12:16	400
4-Bromofluorobenzene (Surr)	101		73 - 120		11/03/18 12:16	400
Toluene-d8 (Surr)	101		80 - 120		11/03/18 12:16	400
Dibromofluoromethane (Surr)	104		75 - 123		11/03/18 12:16	400

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-16S

Lab Sample ID: 480-144170-8

Date Collected: 10/25/18 11:55

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	820	ug/L			11/03/18 12:43	1000
1,1,2,2-Tetrachloroethane	ND		1000	210	ug/L			11/03/18 12:43	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	310	ug/L			11/03/18 12:43	1000
1,1,2-Trichloroethane	ND		1000	230	ug/L			11/03/18 12:43	1000
1,1-Dichloroethane	700	J	1000	380	ug/L			11/03/18 12:43	1000
1,1-Dichloroethene	400	J	1000	290	ug/L			11/03/18 12:43	1000
1,2,4-Trichlorobenzene	ND		1000	410	ug/L			11/03/18 12:43	1000
1,2-Dibromo-3-Chloropropane	ND		1000	390	ug/L			11/03/18 12:43	1000
1,2-Dibromoethane	ND		1000	730	ug/L			11/03/18 12:43	1000
1,2-Dichlorobenzene	ND		1000	790	ug/L			11/03/18 12:43	1000
1,2-Dichloroethane	ND		1000	210	ug/L			11/03/18 12:43	1000
1,2-Dichloropropane	ND		1000	720	ug/L			11/03/18 12:43	1000
1,3-Dichlorobenzene	ND		1000	780	ug/L			11/03/18 12:43	1000
1,4-Dichlorobenzene	ND		1000	840	ug/L			11/03/18 12:43	1000
2-Butanone (MEK)	ND		10000	1300	ug/L			11/03/18 12:43	1000
2-Hexanone	ND		5000	1200	ug/L			11/03/18 12:43	1000
4-Methyl-2-pentanone (MIBK)	ND		5000	2100	ug/L			11/03/18 12:43	1000
Acetone	ND		10000	3000	ug/L			11/03/18 12:43	1000
Benzene	ND		1000	410	ug/L			11/03/18 12:43	1000
Bromodichloromethane	ND		1000	390	ug/L			11/03/18 12:43	1000
Bromoform	ND		1000	260	ug/L			11/03/18 12:43	1000
Bromomethane	ND		1000	690	ug/L			11/03/18 12:43	1000
Carbon disulfide	ND		1000	190	ug/L			11/03/18 12:43	1000
Carbon tetrachloride	ND		1000	270	ug/L			11/03/18 12:43	1000
Chlorobenzene	ND		1000	750	ug/L			11/03/18 12:43	1000
Chloroethane	1500		1000	320	ug/L			11/03/18 12:43	1000
Chloroform	ND		1000	340	ug/L			11/03/18 12:43	1000
Chloromethane	ND		1000	350	ug/L			11/03/18 12:43	1000
cis-1,2-Dichloroethene	73000		1000	810	ug/L			11/03/18 12:43	1000
cis-1,3-Dichloropropene	ND		1000	360	ug/L			11/03/18 12:43	1000
Cyclohexane	ND		1000	180	ug/L			11/03/18 12:43	1000
Dibromochloromethane	ND		1000	320	ug/L			11/03/18 12:43	1000
Dichlorodifluoromethane	ND		1000	680	ug/L			11/03/18 12:43	1000
Ethylbenzene	ND		1000	740	ug/L			11/03/18 12:43	1000
Isopropylbenzene	ND		1000	790	ug/L			11/03/18 12:43	1000
Methyl acetate	ND		2500	1300	ug/L			11/03/18 12:43	1000
Methyl tert-butyl ether	ND		1000	160	ug/L			11/03/18 12:43	1000
Methylcyclohexane	ND		1000	160	ug/L			11/03/18 12:43	1000
Methylene Chloride	ND		1000	440	ug/L			11/03/18 12:43	1000
Styrene	ND		1000	730	ug/L			11/03/18 12:43	1000
Tetrachloroethene	ND		1000	360	ug/L			11/03/18 12:43	1000
Toluene	ND		1000	510	ug/L			11/03/18 12:43	1000
trans-1,2-Dichloroethene	ND		1000	900	ug/L			11/03/18 12:43	1000
trans-1,3-Dichloropropene	ND		1000	370	ug/L			11/03/18 12:43	1000
Trichloroethene	ND		1000	460	ug/L			11/03/18 12:43	1000
Trichlorofluoromethane	ND		1000	880	ug/L			11/03/18 12:43	1000
Vinyl chloride	59000		1000	900	ug/L			11/03/18 12:43	1000
Xylenes, Total	ND		2000	660	ug/L			11/03/18 12:43	1000

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-16S

Lab Sample ID: 480-144170-8

Date Collected: 10/25/18 11:55

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/03/18 12:43	1000
4-Bromofluorobenzene (Surr)	102		73 - 120		11/03/18 12:43	1000
Toluene-d8 (Surr)	101		80 - 120		11/03/18 12:43	1000
Dibromofluoromethane (Surr)	101		75 - 123		11/03/18 12:43	1000

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: Duplicate

Lab Sample ID: 480-144170-9

Date Collected: 10/24/18 10:00

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/03/18 04:03	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/03/18 04:03	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/03/18 04:03	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/03/18 04:03	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/03/18 04:03	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/03/18 04:03	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/03/18 04:03	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/03/18 04:03	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/03/18 04:03	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/03/18 04:03	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/03/18 04:03	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/03/18 04:03	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/03/18 04:03	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/03/18 04:03	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/03/18 04:03	4
2-Hexanone	ND		20	5.0	ug/L			11/03/18 04:03	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/03/18 04:03	4
Acetone	ND		40	12	ug/L			11/03/18 04:03	4
Benzene	ND		4.0	1.6	ug/L			11/03/18 04:03	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/03/18 04:03	4
Bromoform	ND		4.0	1.0	ug/L			11/03/18 04:03	4
Bromomethane	ND		4.0	2.8	ug/L			11/03/18 04:03	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/03/18 04:03	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/03/18 04:03	4
Chlorobenzene	ND		4.0	3.0	ug/L			11/03/18 04:03	4
Chloroethane	ND		4.0	1.3	ug/L			11/03/18 04:03	4
Chloroform	ND		4.0	1.4	ug/L			11/03/18 04:03	4
Chloromethane	ND		4.0	1.4	ug/L			11/03/18 04:03	4
cis-1,2-Dichloroethene	3.2	J	4.0	3.2	ug/L			11/03/18 04:03	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/03/18 04:03	4
Cyclohexane	ND		4.0	0.72	ug/L			11/03/18 04:03	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/03/18 04:03	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/03/18 04:03	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/03/18 04:03	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/03/18 04:03	4
Methyl acetate	ND		10	5.2	ug/L			11/03/18 04:03	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/03/18 04:03	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/03/18 04:03	4
Methylene Chloride	1.8	J	4.0	1.8	ug/L			11/03/18 04:03	4
Styrene	ND		4.0	2.9	ug/L			11/03/18 04:03	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/03/18 04:03	4
Toluene	ND		4.0	2.0	ug/L			11/03/18 04:03	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/03/18 04:03	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/03/18 04:03	4
Trichloroethene	ND		4.0	1.8	ug/L			11/03/18 04:03	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/03/18 04:03	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/03/18 04:03	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/03/18 04:03	4

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Duplicate

Lab Sample ID: 480-144170-9

Date Collected: 10/24/18 10:00

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/03/18 04:03	4
4-Bromofluorobenzene (Surr)	106		73 - 120		11/03/18 04:03	4
Toluene-d8 (Surr)	101		80 - 120		11/03/18 04:03	4
Dibromofluoromethane (Surr)	101		75 - 123		11/03/18 04:03	4

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: Rinse
Date Collected: 10/24/18 12:25
Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/18 04:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/18 04:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/18 04:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/18 04:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/18 04:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/18 04:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/18 04:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/18 04:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/18 04:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/18 04:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/18 04:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/18 04:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/18 04:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/18 04:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/18 04:31	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/18 04:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/18 04:31	1
Acetone	ND		10	3.0	ug/L			11/03/18 04:31	1
Benzene	ND		1.0	0.41	ug/L			11/03/18 04:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/18 04:31	1
Bromoform	ND		1.0	0.26	ug/L			11/03/18 04:31	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/18 04:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/18 04:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/18 04:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/18 04:31	1
Chloroethane	ND		1.0	0.32	ug/L			11/03/18 04:31	1
Chloroform	ND		1.0	0.34	ug/L			11/03/18 04:31	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/18 04:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/18 04:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/18 04:31	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/18 04:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/03/18 04:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/18 04:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/18 04:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/18 04:31	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/18 04:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/18 04:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/18 04:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/18 04:31	1
Styrene	ND		1.0	0.73	ug/L			11/03/18 04:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/18 04:31	1
Toluene	ND		1.0	0.51	ug/L			11/03/18 04:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/18 04:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/18 04:31	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/18 04:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/18 04:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/18 04:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/18 04:31	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Rinse

Lab Sample ID: 480-144170-10

Date Collected: 10/24/18 12:25

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/03/18 04:31	1
4-Bromofluorobenzene (Surr)	104		73 - 120		11/03/18 04:31	1
Toluene-d8 (Surr)	101		80 - 120		11/03/18 04:31	1
Dibromofluoromethane (Surr)	101		75 - 123		11/03/18 04:31	1

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-16D

Lab Sample ID: 480-144170-11

Date Collected: 10/25/18 09:38

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/18 04:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/18 04:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/18 04:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/18 04:58	1
1,1-Dichloroethane	1.2		1.0	0.38	ug/L			11/03/18 04:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/18 04:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/18 04:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/18 04:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/18 04:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/18 04:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/18 04:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/18 04:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/18 04:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/18 04:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/18 04:58	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/18 04:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/18 04:58	1
Acetone	3.4 J		10	3.0	ug/L			11/03/18 04:58	1
Benzene	ND		1.0	0.41	ug/L			11/03/18 04:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/18 04:58	1
Bromoform	ND		1.0	0.26	ug/L			11/03/18 04:58	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/18 04:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/18 04:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/18 04:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/18 04:58	1
Chloroethane	38		1.0	0.32	ug/L			11/03/18 04:58	1
Chloroform	ND		1.0	0.34	ug/L			11/03/18 04:58	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/18 04:58	1
cis-1,2-Dichloroethene	2.3		1.0	0.81	ug/L			11/03/18 04:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/18 04:58	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/18 04:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/03/18 04:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/18 04:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/18 04:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/18 04:58	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/18 04:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/18 04:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/18 04:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/18 04:58	1
Styrene	ND		1.0	0.73	ug/L			11/03/18 04:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/18 04:58	1
Toluene	ND		1.0	0.51	ug/L			11/03/18 04:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/18 04:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/18 04:58	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/18 04:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/18 04:58	1
Vinyl chloride	17		1.0	0.90	ug/L			11/03/18 04:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/18 04:58	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-16D

Lab Sample ID: 480-144170-11

Date Collected: 10/25/18 09:38

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/03/18 04:58	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/03/18 04:58	1
Toluene-d8 (Surr)	101		80 - 120		11/03/18 04:58	1
Dibromofluoromethane (Surr)	106		75 - 123		11/03/18 04:58	1

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-13S

Lab Sample ID: 480-144170-12

Date Collected: 10/24/18 13:57

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/18 05:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/18 05:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/18 05:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/18 05:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/18 05:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/18 05:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/18 05:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/18 05:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/18 05:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/18 05:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/18 05:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/18 05:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/18 05:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/18 05:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/18 05:25	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/18 05:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/18 05:25	1
Acetone	4.1	J	10	3.0	ug/L			11/03/18 05:25	1
Benzene	ND		1.0	0.41	ug/L			11/03/18 05:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/18 05:25	1
Bromoform	ND		1.0	0.26	ug/L			11/03/18 05:25	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/18 05:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/18 05:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/18 05:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/18 05:25	1
Chloroethane	4.2		1.0	0.32	ug/L			11/03/18 05:25	1
Chloroform	ND		1.0	0.34	ug/L			11/03/18 05:25	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/18 05:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/18 05:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/18 05:25	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/18 05:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/03/18 05:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/18 05:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/18 05:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/18 05:25	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/18 05:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/18 05:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/18 05:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/18 05:25	1
Styrene	ND		1.0	0.73	ug/L			11/03/18 05:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/18 05:25	1
Toluene	ND		1.0	0.51	ug/L			11/03/18 05:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/18 05:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/18 05:25	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/18 05:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/18 05:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/18 05:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/18 05:25	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-13S

Lab Sample ID: 480-144170-12

Date Collected: 10/24/18 13:57

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		11/03/18 05:25	1
4-Bromofluorobenzene (Surr)	102		73 - 120		11/03/18 05:25	1
Toluene-d8 (Surr)	98		80 - 120		11/03/18 05:25	1
Dibromofluoromethane (Surr)	102		75 - 123		11/03/18 05:25	1

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-8R

Date Collected: 10/24/18 11:10

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			11/03/18 05:53	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/03/18 05:53	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/03/18 05:53	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/03/18 05:53	10
1,1-Dichloroethane	5.0	J	10	3.8	ug/L			11/03/18 05:53	10
1,1-Dichloroethene	ND		10	2.9	ug/L			11/03/18 05:53	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/03/18 05:53	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/03/18 05:53	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/03/18 05:53	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/03/18 05:53	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/03/18 05:53	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/03/18 05:53	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			11/03/18 05:53	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			11/03/18 05:53	10
2-Butanone (MEK)	20	J	100	13	ug/L			11/03/18 05:53	10
2-Hexanone	ND		50	12	ug/L			11/03/18 05:53	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/03/18 05:53	10
Acetone	31	J	100	30	ug/L			11/03/18 05:53	10
Benzene	ND		10	4.1	ug/L			11/03/18 05:53	10
Bromodichloromethane	ND		10	3.9	ug/L			11/03/18 05:53	10
Bromoform	ND		10	2.6	ug/L			11/03/18 05:53	10
Bromomethane	ND		10	6.9	ug/L			11/03/18 05:53	10
Carbon disulfide	ND		10	1.9	ug/L			11/03/18 05:53	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/03/18 05:53	10
Chlorobenzene	ND		10	7.5	ug/L			11/03/18 05:53	10
Chloroethane	38		10	3.2	ug/L			11/03/18 05:53	10
Chloroform	ND		10	3.4	ug/L			11/03/18 05:53	10
Chloromethane	ND		10	3.5	ug/L			11/03/18 05:53	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			11/03/18 05:53	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/03/18 05:53	10
Cyclohexane	ND		10	1.8	ug/L			11/03/18 05:53	10
Dibromochloromethane	ND		10	3.2	ug/L			11/03/18 05:53	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/03/18 05:53	10
Ethylbenzene	ND		10	7.4	ug/L			11/03/18 05:53	10
Isopropylbenzene	ND		10	7.9	ug/L			11/03/18 05:53	10
Methyl acetate	ND		25	13	ug/L			11/03/18 05:53	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/03/18 05:53	10
Methylcyclohexane	ND		10	1.6	ug/L			11/03/18 05:53	10
Methylene Chloride	6.1	J	10	4.4	ug/L			11/03/18 05:53	10
Styrene	ND		10	7.3	ug/L			11/03/18 05:53	10
Tetrachloroethene	ND		10	3.6	ug/L			11/03/18 05:53	10
Toluene	28		10	5.1	ug/L			11/03/18 05:53	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			11/03/18 05:53	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/03/18 05:53	10
Trichloroethene	ND		10	4.6	ug/L			11/03/18 05:53	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/03/18 05:53	10
Vinyl chloride	ND		10	9.0	ug/L			11/03/18 05:53	10
Xylenes, Total	ND		20	6.6	ug/L			11/03/18 05:53	10

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-8R

Lab Sample ID: 480-144170-13

Date Collected: 10/24/18 11:10

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		11/03/18 05:53	10
4-Bromofluorobenzene (Surr)	98		73 - 120		11/03/18 05:53	10
Toluene-d8 (Surr)	98		80 - 120		11/03/18 05:53	10
Dibromofluoromethane (Surr)	103		75 - 123		11/03/18 05:53	10

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-13D

Lab Sample ID: 480-144170-14

Date Collected: 10/24/18 12:55

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			11/03/18 13:10	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			11/03/18 13:10	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			11/03/18 13:10	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			11/03/18 13:10	40
1,1-Dichloroethane	ND		40	15	ug/L			11/03/18 13:10	40
1,1-Dichloroethene	ND		40	12	ug/L			11/03/18 13:10	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			11/03/18 13:10	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			11/03/18 13:10	40
1,2-Dibromoethane	ND		40	29	ug/L			11/03/18 13:10	40
1,2-Dichlorobenzene	ND		40	32	ug/L			11/03/18 13:10	40
1,2-Dichloroethane	ND		40	8.4	ug/L			11/03/18 13:10	40
1,2-Dichloropropane	ND		40	29	ug/L			11/03/18 13:10	40
1,3-Dichlorobenzene	ND		40	31	ug/L			11/03/18 13:10	40
1,4-Dichlorobenzene	ND		40	34	ug/L			11/03/18 13:10	40
2-Butanone (MEK)	ND		400	53	ug/L			11/03/18 13:10	40
2-Hexanone	ND		200	50	ug/L			11/03/18 13:10	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			11/03/18 13:10	40
Acetone	ND		400	120	ug/L			11/03/18 13:10	40
Benzene	ND		40	16	ug/L			11/03/18 13:10	40
Bromodichloromethane	ND		40	16	ug/L			11/03/18 13:10	40
Bromoform	ND		40	10	ug/L			11/03/18 13:10	40
Bromomethane	ND		40	28	ug/L			11/03/18 13:10	40
Carbon disulfide	ND		40	7.6	ug/L			11/03/18 13:10	40
Carbon tetrachloride	ND		40	11	ug/L			11/03/18 13:10	40
Chlorobenzene	ND		40	30	ug/L			11/03/18 13:10	40
Chloroethane	ND		40	13	ug/L			11/03/18 13:10	40
Chloroform	ND		40	14	ug/L			11/03/18 13:10	40
Chloromethane	ND		40	14	ug/L			11/03/18 13:10	40
cis-1,2-Dichloroethene	2500		40	32	ug/L			11/03/18 13:10	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			11/03/18 13:10	40
Cyclohexane	ND		40	7.2	ug/L			11/03/18 13:10	40
Dibromochloromethane	ND		40	13	ug/L			11/03/18 13:10	40
Dichlorodifluoromethane	ND		40	27	ug/L			11/03/18 13:10	40
Ethylbenzene	ND		40	30	ug/L			11/03/18 13:10	40
Isopropylbenzene	ND		40	32	ug/L			11/03/18 13:10	40
Methyl acetate	ND		100	52	ug/L			11/03/18 13:10	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			11/03/18 13:10	40
Methylcyclohexane	ND		40	6.4	ug/L			11/03/18 13:10	40
Methylene Chloride	ND		40	18	ug/L			11/03/18 13:10	40
Styrene	ND		40	29	ug/L			11/03/18 13:10	40
Tetrachloroethene	ND		40	14	ug/L			11/03/18 13:10	40
Toluene	ND		40	20	ug/L			11/03/18 13:10	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			11/03/18 13:10	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			11/03/18 13:10	40
Trichloroethene	ND		40	18	ug/L			11/03/18 13:10	40
Trichlorofluoromethane	ND		40	35	ug/L			11/03/18 13:10	40
Vinyl chloride	940		40	36	ug/L			11/03/18 13:10	40
Xylenes, Total	ND		80	26	ug/L			11/03/18 13:10	40

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-13D

Lab Sample ID: 480-144170-14

Date Collected: 10/24/18 12:55

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/03/18 13:10	40
4-Bromofluorobenzene (Surr)	104		73 - 120		11/03/18 13:10	40
Toluene-d8 (Surr)	100		80 - 120		11/03/18 13:10	40
Dibromofluoromethane (Surr)	99		75 - 123		11/03/18 13:10	40

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: GWCT

Lab Sample ID: 480-144170-15

Date Collected: 10/24/18 08:20

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/18 13:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/18 13:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/18 13:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/18 13:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/18 13:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/18 13:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/18 13:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/18 13:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/18 13:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/18 13:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/18 13:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/18 13:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/18 13:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/18 13:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/18 13:37	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/18 13:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/18 13:37	1
Acetone	ND		10	3.0	ug/L			11/03/18 13:37	1
Benzene	ND		1.0	0.41	ug/L			11/03/18 13:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/18 13:37	1
Bromoform	ND		1.0	0.26	ug/L			11/03/18 13:37	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/18 13:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/18 13:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/18 13:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/18 13:37	1
Chloroethane	38		1.0	0.32	ug/L			11/03/18 13:37	1
Chloroform	ND		1.0	0.34	ug/L			11/03/18 13:37	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/18 13:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/18 13:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/18 13:37	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/18 13:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/03/18 13:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/18 13:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/18 13:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/18 13:37	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/18 13:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/18 13:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/18 13:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/18 13:37	1
Styrene	ND		1.0	0.73	ug/L			11/03/18 13:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/18 13:37	1
Toluene	ND		1.0	0.51	ug/L			11/03/18 13:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/18 13:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/18 13:37	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/18 13:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/18 13:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/18 13:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/18 13:37	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: GWCT

Lab Sample ID: 480-144170-15

Date Collected: 10/24/18 08:20

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/03/18 13:37	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/03/18 13:37	1
Toluene-d8 (Surr)	99		80 - 120		11/03/18 13:37	1
Dibromofluoromethane (Surr)	100		75 - 123		11/03/18 13:37	1

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-144170-16

Date Collected: 10/25/18 12:35

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/18 07:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/18 07:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/18 07:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/18 07:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/18 07:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/18 07:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/18 07:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/18 07:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/18 07:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/18 07:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/18 07:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/18 07:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/18 07:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/18 07:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/18 07:14	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/18 07:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/18 07:14	1
Acetone	ND		10	3.0	ug/L			11/03/18 07:14	1
Benzene	ND		1.0	0.41	ug/L			11/03/18 07:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/18 07:14	1
Bromoform	ND		1.0	0.26	ug/L			11/03/18 07:14	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/18 07:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/18 07:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/18 07:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/18 07:14	1
Chloroethane	ND		1.0	0.32	ug/L			11/03/18 07:14	1
Chloroform	ND		1.0	0.34	ug/L			11/03/18 07:14	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/18 07:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/18 07:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/18 07:14	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/18 07:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/03/18 07:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/18 07:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/18 07:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/18 07:14	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/18 07:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/18 07:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/18 07:14	1
Methylene Chloride	0.61	J	1.0	0.44	ug/L			11/03/18 07:14	1
Styrene	ND		1.0	0.73	ug/L			11/03/18 07:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/18 07:14	1
Toluene	ND		1.0	0.51	ug/L			11/03/18 07:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/18 07:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/18 07:14	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/18 07:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/18 07:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/18 07:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/18 07:14	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Trip Blank

Lab Sample ID: 480-144170-16

Date Collected: 10/25/18 12:35

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/03/18 07:14	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/03/18 07:14	1
Toluene-d8 (Surr)	101		80 - 120		11/03/18 07:14	1
Dibromofluoromethane (Surr)	104		75 - 123		11/03/18 07:14	1

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-1

Lab Sample ID: 480-144170-17

Date Collected: 10/25/18 11:35

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			11/03/18 07:41	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/03/18 07:41	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/03/18 07:41	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/03/18 07:41	10
1,1-Dichloroethane	ND		10	3.8	ug/L			11/03/18 07:41	10
1,1-Dichloroethene	ND		10	2.9	ug/L			11/03/18 07:41	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/03/18 07:41	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/03/18 07:41	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/03/18 07:41	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/03/18 07:41	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/03/18 07:41	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/03/18 07:41	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			11/03/18 07:41	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			11/03/18 07:41	10
2-Butanone (MEK)	21	J	100	13	ug/L			11/03/18 07:41	10
2-Hexanone	ND		50	12	ug/L			11/03/18 07:41	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/03/18 07:41	10
Acetone	110		100	30	ug/L			11/03/18 07:41	10
Benzene	ND		10	4.1	ug/L			11/03/18 07:41	10
Bromodichloromethane	ND		10	3.9	ug/L			11/03/18 07:41	10
Bromoform	ND		10	2.6	ug/L			11/03/18 07:41	10
Bromomethane	ND		10	6.9	ug/L			11/03/18 07:41	10
Carbon disulfide	ND		10	1.9	ug/L			11/03/18 07:41	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/03/18 07:41	10
Chlorobenzene	ND		10	7.5	ug/L			11/03/18 07:41	10
Chloroethane	ND		10	3.2	ug/L			11/03/18 07:41	10
Chloroform	ND		10	3.4	ug/L			11/03/18 07:41	10
Chloromethane	ND		10	3.5	ug/L			11/03/18 07:41	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			11/03/18 07:41	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/03/18 07:41	10
Cyclohexane	ND		10	1.8	ug/L			11/03/18 07:41	10
Dibromochloromethane	ND		10	3.2	ug/L			11/03/18 07:41	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/03/18 07:41	10
Ethylbenzene	ND		10	7.4	ug/L			11/03/18 07:41	10
Isopropylbenzene	ND		10	7.9	ug/L			11/03/18 07:41	10
Methyl acetate	ND		25	13	ug/L			11/03/18 07:41	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/03/18 07:41	10
Methylcyclohexane	ND		10	1.6	ug/L			11/03/18 07:41	10
Methylene Chloride	4.4	J	10	4.4	ug/L			11/03/18 07:41	10
Styrene	ND		10	7.3	ug/L			11/03/18 07:41	10
Tetrachloroethene	ND		10	3.6	ug/L			11/03/18 07:41	10
Toluene	ND		10	5.1	ug/L			11/03/18 07:41	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			11/03/18 07:41	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/03/18 07:41	10
Trichloroethene	ND		10	4.6	ug/L			11/03/18 07:41	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/03/18 07:41	10
Vinyl chloride	ND		10	9.0	ug/L			11/03/18 07:41	10
Xylenes, Total	ND		20	6.6	ug/L			11/03/18 07:41	10

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DEP-1

Lab Sample ID: 480-144170-17

Date Collected: 10/25/18 11:35

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/03/18 07:41	10
4-Bromofluorobenzene (Surr)	101		73 - 120		11/03/18 07:41	10
Toluene-d8 (Surr)	101		80 - 120		11/03/18 07:41	10
Dibromofluoromethane (Surr)	103		75 - 123		11/03/18 07:41	10

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-2

Lab Sample ID: 480-144170-18

Date Collected: 10/25/18 11:08

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/18 08:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/18 08:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/18 08:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/18 08:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/18 08:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/18 08:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/18 08:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/18 08:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/18 08:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/18 08:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/18 08:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/18 08:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/18 08:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/18 08:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/18 08:09	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/18 08:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/18 08:09	1
Acetone	3.2	J	10	3.0	ug/L			11/03/18 08:09	1
Benzene	ND		1.0	0.41	ug/L			11/03/18 08:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/18 08:09	1
Bromoform	ND		1.0	0.26	ug/L			11/03/18 08:09	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/18 08:09	1
Carbon disulfide	0.32	J	1.0	0.19	ug/L			11/03/18 08:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/18 08:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/18 08:09	1
Chloroethane	3.5		1.0	0.32	ug/L			11/03/18 08:09	1
Chloroform	ND		1.0	0.34	ug/L			11/03/18 08:09	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/18 08:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/18 08:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/18 08:09	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/18 08:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/03/18 08:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/18 08:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/18 08:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/18 08:09	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/18 08:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/18 08:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/18 08:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/18 08:09	1
Styrene	ND		1.0	0.73	ug/L			11/03/18 08:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/18 08:09	1
Toluene	ND		1.0	0.51	ug/L			11/03/18 08:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/18 08:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/18 08:09	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/18 08:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/18 08:09	1
Vinyl chloride	4.2		1.0	0.90	ug/L			11/03/18 08:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/18 08:09	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DEP-2

Lab Sample ID: 480-144170-18

Date Collected: 10/25/18 11:08

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		11/03/18 08:09	1
4-Bromofluorobenzene (Surr)	102		73 - 120		11/03/18 08:09	1
Toluene-d8 (Surr)	100		80 - 120		11/03/18 08:09	1
Dibromofluoromethane (Surr)	107		75 - 123		11/03/18 08:09	1

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-3

Lab Sample ID: 480-144170-19

Date Collected: 10/25/18 11:00

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	11		10	8.2	ug/L			11/03/18 14:04	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			11/03/18 14:04	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			11/03/18 14:04	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			11/03/18 14:04	10
1,1-Dichloroethane	88		10	3.8	ug/L			11/03/18 14:04	10
1,1-Dichloroethene	38		10	2.9	ug/L			11/03/18 14:04	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			11/03/18 14:04	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			11/03/18 14:04	10
1,2-Dibromoethane	ND		10	7.3	ug/L			11/03/18 14:04	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			11/03/18 14:04	10
1,2-Dichloroethane	ND		10	2.1	ug/L			11/03/18 14:04	10
1,2-Dichloropropane	ND		10	7.2	ug/L			11/03/18 14:04	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			11/03/18 14:04	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			11/03/18 14:04	10
2-Butanone (MEK)	ND		100	13	ug/L			11/03/18 14:04	10
2-Hexanone	ND		50	12	ug/L			11/03/18 14:04	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			11/03/18 14:04	10
Acetone	37 J		100	30	ug/L			11/03/18 14:04	10
Benzene	ND		10	4.1	ug/L			11/03/18 14:04	10
Bromodichloromethane	ND		10	3.9	ug/L			11/03/18 14:04	10
Bromoform	ND		10	2.6	ug/L			11/03/18 14:04	10
Bromomethane	ND		10	6.9	ug/L			11/03/18 14:04	10
Carbon disulfide	ND		10	1.9	ug/L			11/03/18 14:04	10
Carbon tetrachloride	ND		10	2.7	ug/L			11/03/18 14:04	10
Chlorobenzene	ND		10	7.5	ug/L			11/03/18 14:04	10
Chloroethane	ND		10	3.2	ug/L			11/03/18 14:04	10
Chloroform	ND		10	3.4	ug/L			11/03/18 14:04	10
Chloromethane	ND		10	3.5	ug/L			11/03/18 14:04	10
cis-1,2-Dichloroethene	11000 E		10	8.1	ug/L			11/03/18 14:04	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			11/03/18 14:04	10
Cyclohexane	ND		10	1.8	ug/L			11/03/18 14:04	10
Dibromochloromethane	ND		10	3.2	ug/L			11/03/18 14:04	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			11/03/18 14:04	10
Ethylbenzene	ND		10	7.4	ug/L			11/03/18 14:04	10
Isopropylbenzene	ND		10	7.9	ug/L			11/03/18 14:04	10
Methyl acetate	ND		25	13	ug/L			11/03/18 14:04	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			11/03/18 14:04	10
Methylcyclohexane	ND		10	1.6	ug/L			11/03/18 14:04	10
Methylene Chloride	ND		10	4.4	ug/L			11/03/18 14:04	10
Styrene	ND		10	7.3	ug/L			11/03/18 14:04	10
Tetrachloroethene	ND		10	3.6	ug/L			11/03/18 14:04	10
Toluene	40		10	5.1	ug/L			11/03/18 14:04	10
trans-1,2-Dichloroethene	11		10	9.0	ug/L			11/03/18 14:04	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			11/03/18 14:04	10
Trichloroethene	120		10	4.6	ug/L			11/03/18 14:04	10
Trichlorofluoromethane	ND		10	8.8	ug/L			11/03/18 14:04	10
Vinyl chloride	2600 E		10	9.0	ug/L			11/03/18 14:04	10
Xylenes, Total	ND		20	6.6	ug/L			11/03/18 14:04	10

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-3

Date Collected: 10/25/18 11:00

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-19

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/03/18 14:04	10
4-Bromofluorobenzene (Surr)	102		73 - 120		11/03/18 14:04	10
Toluene-d8 (Surr)	101		80 - 120		11/03/18 14:04	10
Dibromofluoromethane (Surr)	101		75 - 123		11/03/18 14:04	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			11/04/18 11:25	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			11/04/18 11:25	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			11/04/18 11:25	200
1,1,2-Trichloroethane	ND		200	46	ug/L			11/04/18 11:25	200
1,1-Dichloroethane	100	J	200	76	ug/L			11/04/18 11:25	200
1,1-Dichloroethene	ND		200	58	ug/L			11/04/18 11:25	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			11/04/18 11:25	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			11/04/18 11:25	200
1,2-Dibromoethane	ND		200	150	ug/L			11/04/18 11:25	200
1,2-Dichlorobenzene	ND		200	160	ug/L			11/04/18 11:25	200
1,2-Dichloroethane	ND		200	42	ug/L			11/04/18 11:25	200
1,2-Dichloropropane	ND		200	140	ug/L			11/04/18 11:25	200
1,3-Dichlorobenzene	ND		200	160	ug/L			11/04/18 11:25	200
1,4-Dichlorobenzene	ND		200	170	ug/L			11/04/18 11:25	200
2-Butanone (MEK)	ND		2000	260	ug/L			11/04/18 11:25	200
2-Hexanone	ND		1000	250	ug/L			11/04/18 11:25	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			11/04/18 11:25	200
Acetone	ND		2000	600	ug/L			11/04/18 11:25	200
Benzene	ND		200	82	ug/L			11/04/18 11:25	200
Bromodichloromethane	ND		200	78	ug/L			11/04/18 11:25	200
Bromoform	ND		200	52	ug/L			11/04/18 11:25	200
Bromomethane	ND		200	140	ug/L			11/04/18 11:25	200
Carbon disulfide	ND		200	38	ug/L			11/04/18 11:25	200
Carbon tetrachloride	ND		200	54	ug/L			11/04/18 11:25	200
Chlorobenzene	ND		200	150	ug/L			11/04/18 11:25	200
Chloroethane	ND		200	64	ug/L			11/04/18 11:25	200
Chloroform	ND		200	68	ug/L			11/04/18 11:25	200
Chloromethane	ND		200	70	ug/L			11/04/18 11:25	200
cis-1,2-Dichloroethene	10000		200	160	ug/L			11/04/18 11:25	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			11/04/18 11:25	200
Cyclohexane	ND		200	36	ug/L			11/04/18 11:25	200
Dibromochloromethane	ND		200	64	ug/L			11/04/18 11:25	200
Dichlorodifluoromethane	ND		200	140	ug/L			11/04/18 11:25	200
Ethylbenzene	ND		200	150	ug/L			11/04/18 11:25	200
Isopropylbenzene	ND		200	160	ug/L			11/04/18 11:25	200
Methyl acetate	ND		500	260	ug/L			11/04/18 11:25	200
Methyl tert-butyl ether	ND		200	32	ug/L			11/04/18 11:25	200
Methylcyclohexane	ND		200	32	ug/L			11/04/18 11:25	200
Methylene Chloride	ND		200	88	ug/L			11/04/18 11:25	200
Styrene	ND		200	150	ug/L			11/04/18 11:25	200
Tetrachloroethene	ND		200	72	ug/L			11/04/18 11:25	200
Toluene	ND		200	100	ug/L			11/04/18 11:25	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			11/04/18 11:25	200

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-3

Date Collected: 10/25/18 11:00

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-19

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		200	74	ug/L			11/04/18 11:25	200
Trichloroethene	120	J	200	92	ug/L			11/04/18 11:25	200
Trichlorofluoromethane	ND		200	180	ug/L			11/04/18 11:25	200
Vinyl chloride	2700		200	180	ug/L			11/04/18 11:25	200
Xylenes, Total	ND		400	130	ug/L			11/04/18 11:25	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/04/18 11:25	200
4-Bromofluorobenzene (Surr)	103		73 - 120		11/04/18 11:25	200
Toluene-d8 (Surr)	102		80 - 120		11/04/18 11:25	200
Dibromofluoromethane (Surr)	103		75 - 123		11/04/18 11:25	200

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-4

Lab Sample ID: 480-144170-20

Date Collected: 10/25/18 11:16

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/04/18 11:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/04/18 11:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/04/18 11:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/04/18 11:52	1
1,1-Dichloroethane	0.65	J	1.0	0.38	ug/L			11/04/18 11:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/04/18 11:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/04/18 11:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/04/18 11:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/04/18 11:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/04/18 11:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/04/18 11:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/04/18 11:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/04/18 11:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/04/18 11:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/04/18 11:52	1
2-Hexanone	ND		5.0	1.2	ug/L			11/04/18 11:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/04/18 11:52	1
Acetone	ND		10	3.0	ug/L			11/04/18 11:52	1
Benzene	ND		1.0	0.41	ug/L			11/04/18 11:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/04/18 11:52	1
Bromoform	ND		1.0	0.26	ug/L			11/04/18 11:52	1
Bromomethane	ND		1.0	0.69	ug/L			11/04/18 11:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/04/18 11:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/04/18 11:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/04/18 11:52	1
Chloroethane	ND		1.0	0.32	ug/L			11/04/18 11:52	1
Chloroform	ND		1.0	0.34	ug/L			11/04/18 11:52	1
Chloromethane	ND		1.0	0.35	ug/L			11/04/18 11:52	1
cis-1,2-Dichloroethene	29		1.0	0.81	ug/L			11/04/18 11:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/04/18 11:52	1
Cyclohexane	ND		1.0	0.18	ug/L			11/04/18 11:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/04/18 11:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/04/18 11:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/04/18 11:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/04/18 11:52	1
Methyl acetate	ND		2.5	1.3	ug/L			11/04/18 11:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/04/18 11:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/04/18 11:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/04/18 11:52	1
Styrene	ND		1.0	0.73	ug/L			11/04/18 11:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/04/18 11:52	1
Toluene	ND		1.0	0.51	ug/L			11/04/18 11:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/04/18 11:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/04/18 11:52	1
Trichloroethene	ND		1.0	0.46	ug/L			11/04/18 11:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/04/18 11:52	1
Vinyl chloride	18		1.0	0.90	ug/L			11/04/18 11:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/04/18 11:52	1

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DEP-4

Lab Sample ID: 480-144170-20

Date Collected: 10/25/18 11:16

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		11/04/18 11:52	1
4-Bromofluorobenzene (Surr)	99		73 - 120		11/04/18 11:52	1
Toluene-d8 (Surr)	99		80 - 120		11/04/18 11:52	1
Dibromofluoromethane (Surr)	105		75 - 123		11/04/18 11:52	1

Client Sample Results

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-5

Lab Sample ID: 480-144170-21

Date Collected: 10/25/18 11:25

Matrix: Water

Date Received: 10/25/18 13:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			11/03/18 14:59	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			11/03/18 14:59	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			11/03/18 14:59	50
1,1,2-Trichloroethane	ND		50	12	ug/L			11/03/18 14:59	50
1,1-Dichloroethane	ND		50	19	ug/L			11/03/18 14:59	50
1,1-Dichloroethene	ND		50	15	ug/L			11/03/18 14:59	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			11/03/18 14:59	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			11/03/18 14:59	50
1,2-Dibromoethane	ND		50	37	ug/L			11/03/18 14:59	50
1,2-Dichlorobenzene	ND		50	40	ug/L			11/03/18 14:59	50
1,2-Dichloroethane	ND		50	11	ug/L			11/03/18 14:59	50
1,2-Dichloropropane	ND		50	36	ug/L			11/03/18 14:59	50
1,3-Dichlorobenzene	ND		50	39	ug/L			11/03/18 14:59	50
1,4-Dichlorobenzene	ND		50	42	ug/L			11/03/18 14:59	50
2-Butanone (MEK)	ND		500	66	ug/L			11/03/18 14:59	50
2-Hexanone	ND		250	62	ug/L			11/03/18 14:59	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			11/03/18 14:59	50
Acetone	ND		500	150	ug/L			11/03/18 14:59	50
Benzene	ND		50	21	ug/L			11/03/18 14:59	50
Bromodichloromethane	ND		50	20	ug/L			11/03/18 14:59	50
Bromoform	ND		50	13	ug/L			11/03/18 14:59	50
Bromomethane	ND		50	35	ug/L			11/03/18 14:59	50
Carbon disulfide	ND		50	9.5	ug/L			11/03/18 14:59	50
Carbon tetrachloride	ND		50	14	ug/L			11/03/18 14:59	50
Chlorobenzene	ND		50	38	ug/L			11/03/18 14:59	50
Chloroethane	ND		50	16	ug/L			11/03/18 14:59	50
Chloroform	ND		50	17	ug/L			11/03/18 14:59	50
Chloromethane	ND		50	18	ug/L			11/03/18 14:59	50
cis-1,2-Dichloroethene	1100		50	41	ug/L			11/03/18 14:59	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			11/03/18 14:59	50
Cyclohexane	ND		50	9.0	ug/L			11/03/18 14:59	50
Dibromochloromethane	ND		50	16	ug/L			11/03/18 14:59	50
Dichlorodifluoromethane	ND		50	34	ug/L			11/03/18 14:59	50
Ethylbenzene	ND		50	37	ug/L			11/03/18 14:59	50
Isopropylbenzene	ND		50	40	ug/L			11/03/18 14:59	50
Methyl acetate	ND		130	65	ug/L			11/03/18 14:59	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			11/03/18 14:59	50
Methylcyclohexane	ND		50	8.0	ug/L			11/03/18 14:59	50
Methylene Chloride	ND		50	22	ug/L			11/03/18 14:59	50
Styrene	ND		50	37	ug/L			11/03/18 14:59	50
Tetrachloroethene	ND		50	18	ug/L			11/03/18 14:59	50
Toluene	ND		50	26	ug/L			11/03/18 14:59	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			11/03/18 14:59	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			11/03/18 14:59	50
Trichloroethene	ND		50	23	ug/L			11/03/18 14:59	50
Trichlorofluoromethane	ND		50	44	ug/L			11/03/18 14:59	50
Vinyl chloride	660		50	45	ug/L			11/03/18 14:59	50
Xylenes, Total	ND		100	33	ug/L			11/03/18 14:59	50

TestAmerica Buffalo

Client Sample Results

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DEP-5

Lab Sample ID: 480-144170-21

Date Collected: 10/25/18 11:25

Matrix: Water

Date Received: 10/25/18 13:45

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/03/18 14:59	50
4-Bromofluorobenzene (Surr)	106		73 - 120		11/03/18 14:59	50
Toluene-d8 (Surr)	104		80 - 120		11/03/18 14:59	50
Dibromofluoromethane (Surr)	103		75 - 123		11/03/18 14:59	50

Lab Chronicle

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-2

Date Collected: 10/24/18 08:55

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	443382	11/03/18 00:27	AMM	TAL BUF

Client Sample ID: MW-3

Date Collected: 10/24/18 10:20

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	443382	11/03/18 00:53	AMM	TAL BUF

Client Sample ID: MW-4

Date Collected: 10/24/18 11:50

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	443382	11/03/18 01:20	AMM	TAL BUF

Client Sample ID: DPE-6

Date Collected: 10/25/18 11:45

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	443382	11/03/18 01:48	AMM	TAL BUF

Client Sample ID: DEP-7

Date Collected: 10/25/18 10:53

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	443382	11/03/18 02:14	AMM	TAL BUF

Client Sample ID: MW-11

Date Collected: 10/24/18 09:37

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	443382	11/03/18 02:41	AMM	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-8

Lab Sample ID: 480-144170-7

Date Collected: 10/25/18 10:40

Matrix: Water

Date Received: 10/25/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	443382	11/03/18 03:09	AMM	TAL BUF
Total/NA	Analysis	8260C	DL	400	443414	11/03/18 12:16	AMM	TAL BUF

Client Sample ID: MW-16S

Lab Sample ID: 480-144170-8

Date Collected: 10/25/18 11:55

Matrix: Water

Date Received: 10/25/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1000	443414	11/03/18 12:43	AMM	TAL BUF

Client Sample ID: Duplicate

Lab Sample ID: 480-144170-9

Date Collected: 10/24/18 10:00

Matrix: Water

Date Received: 10/25/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	443382	11/03/18 04:03	AMM	TAL BUF

Client Sample ID: Rinse

Lab Sample ID: 480-144170-10

Date Collected: 10/24/18 12:25

Matrix: Water

Date Received: 10/25/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	443382	11/03/18 04:31	AMM	TAL BUF

Client Sample ID: MW-16D

Lab Sample ID: 480-144170-11

Date Collected: 10/25/18 09:38

Matrix: Water

Date Received: 10/25/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	443382	11/03/18 04:58	AMM	TAL BUF

Client Sample ID: MW-13S

Lab Sample ID: 480-144170-12

Date Collected: 10/24/18 13:57

Matrix: Water

Date Received: 10/25/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	443382	11/03/18 05:25	AMM	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: MW-8R

Date Collected: 10/24/18 11:10

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	443382	11/03/18 05:53	AMM	TAL BUF

Client Sample ID: MW-13D

Date Collected: 10/24/18 12:55

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		40	443414	11/03/18 13:10	AMM	TAL BUF

Client Sample ID: GWCT

Date Collected: 10/24/18 08:20

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	443414	11/03/18 13:37	AMM	TAL BUF

Client Sample ID: Trip Blank

Date Collected: 10/25/18 12:35

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	443382	11/03/18 07:14	AMM	TAL BUF

Client Sample ID: DEP-1

Date Collected: 10/25/18 11:35

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	443382	11/03/18 07:41	AMM	TAL BUF

Client Sample ID: DEP-2

Date Collected: 10/25/18 11:08

Date Received: 10/25/18 13:45

Lab Sample ID: 480-144170-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	443382	11/03/18 08:09	AMM	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-144170-1

Client Sample ID: DEP-3

Lab Sample ID: 480-144170-19

Date Collected: 10/25/18 11:00

Matrix: Water

Date Received: 10/25/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	443414	11/03/18 14:04	AMM	TAL BUF
Total/NA	Analysis	8260C	DL	200	443485	11/04/18 11:25	AMM	TAL BUF

Client Sample ID: DEP-4

Lab Sample ID: 480-144170-20

Date Collected: 10/25/18 11:16

Matrix: Water

Date Received: 10/25/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	443485	11/04/18 11:52	AMM	TAL BUF

Client Sample ID: DEP-5

Lab Sample ID: 480-144170-21

Date Collected: 10/25/18 11:25

Matrix: Water

Date Received: 10/25/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	443414	11/03/18 14:59	AMM	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM

TestAmerica Job ID: 480-144170-1

Project/Site: Scott Figgie West of Plant 2

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	03-31-19

Method Summary

Client: AECOM

Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-144170-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: AECOM

Project/Site: Scott Figgie West of Plant 2

TestAmerica Job ID: 480-144170-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-144170-1	MW-2	Water	10/24/18 08:55	10/25/18 13:45
480-144170-2	MW-3	Water	10/24/18 10:20	10/25/18 13:45
480-144170-3	MW-4	Water	10/24/18 11:50	10/25/18 13:45
480-144170-4	DPE-6	Water	10/25/18 11:45	10/25/18 13:45
480-144170-5	DEP-7	Water	10/25/18 10:53	10/25/18 13:45
480-144170-6	MW-11	Water	10/24/18 09:37	10/25/18 13:45
480-144170-7	DEP-8	Water	10/25/18 10:40	10/25/18 13:45
480-144170-8	MW-16S	Water	10/25/18 11:55	10/25/18 13:45
480-144170-9	Duplicate	Water	10/24/18 10:00	10/25/18 13:45
480-144170-10	Rinse	Water	10/24/18 12:25	10/25/18 13:45
480-144170-11	MW-16D	Water	10/25/18 09:38	10/25/18 13:45
480-144170-12	MW-13S	Water	10/24/18 13:57	10/25/18 13:45
480-144170-13	MW-8R	Water	10/24/18 11:10	10/25/18 13:45
480-144170-14	MW-13D	Water	10/24/18 12:55	10/25/18 13:45
480-144170-15	GWCT	Water	10/24/18 08:20	10/25/18 13:45
480-144170-16	Trip Blank	Water	10/25/18 12:35	10/25/18 13:45
480-144170-17	DEP-1	Water	10/25/18 11:35	10/25/18 13:45
480-144170-18	DEP-2	Water	10/25/18 11:08	10/25/18 13:45
480-144170-19	DEP-3	Water	10/25/18 11:00	10/25/18 13:45
480-144170-20	DEP-4	Water	10/25/18 11:16	10/25/18 13:45
480-144170-21	DEP-5	Water	10/25/18 11:25	10/25/18 13:45

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-144170-1

Login Number: 144170

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stopa, Erik S

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	

TestAmerica Buffalo

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

Chain of Custody Record



Client Information Client Contact: Mr. Dino Zack Company: AECOM Address: 257 West Genesee Street Suite 400 City: Buffalo State, Zip: NY, 14202-2657 Phone: (716) 393-0870 Email: dino.zack@aecom.com Project Name: Scott Aviation site Site: New York		Lab PM: Fischer, Brian J E-Mail: brian.fischer@testamericainc.com Lab No: 480-120125-3450.2 Page: Page 2 of 2 Job #: 480-144170 COC					
Analysis Requested Due Date Requested: TAT Requested (days): PO #: Purchase Order not requir WO #: Project #: 48002539 SSOW#		Carrier Tracking No(s): Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)					
Sample Identification Sample ID Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=Water, S=solid, O=soil/sediment, A=air) Preservation Code:		Total Number of containers Special Instructions/Note:					
MW-13S	10/24/18	1357	G	Water	N	3	
MW-8R	10/24/18	1110	G	Water	N	3	
MW-13D	10/24/18	1255	G	Water	N	3	
GWCT	10/24/18	820	G	Water	N	3	
Trip	10/25/18	1235	G	Water	N	2	
DPE-1	10/25/18	1135	G	Water	N	3	
DPE-2	10/25/18	1108	G	Water	N	3	
DPE-3	10/25/18	1100	G	Water	N	3	
DPE-4	10/25/18	1110	G	Water	N	3	
DPE-5	10/25/18	1125	G	Water	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:				Method of Shipment:			
Relinquished by: <i>Marcelyn Strahan</i> Relinquished by: <i>10/25/18 1345</i> Relinquished by:				Received by: <i>10/25/18 1345 TAB</i> Received by:			
Relinquished by:				Received by:			
Custody Seal No.: <i>28</i> Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks:			

TestAmerica Buffalo

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

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: Mr. Dino Zack Company: AECOM Address: 257 West Genesee Street Suite 400 City: Buffalo State: NY, Zip: 14202-2657 Phone: _____ Email: dino.zack@aecom.com Project Name: Scott Aviation site Site: New York		Sampler: S. Connolly Lab PM: Fischer, Brian J E-Mail: brian.fischer@testamericainc.com Phone: (716) 393-0870	Carrier Tracking No(s): _____ COC No: 480-120125-3450.1 Page: Page 1 of 2 Job #: _____
Due Date Requested: TAT Requested (days): _____ PO #: _____ Purchase Order not requir WO #: _____ Project #: 48002539 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 Other: _____ M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecalhydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Sample Identification MW-2 MW-3 MW-4 DPE-6 DPE-7 MW-11 DPE-8 MW-16S Duplicate Rinse MW-16D		Sample Date 10/24/18 10/24/18 10/24/18 10/25/18 10/25/18 10/25/18 10/25/18 10/25/18 10/24/18 10/25/18	
Sample Type (C=Comp, G=grab) G G G G G G G G G G		Matrix (W=Water, E=Exs, O=Organic, A=Air) Water Water Water Water Water Water Water Water Water Water	
Field Filtered Sample (Yes or No) A A A A A A A A A A		Perform MS/MSD (Yes or No) A A A A A A A A A A	
Total Number of containers X X X X X X X X X X		Special Instructions/Note: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) _____			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months			
Special Instructions/QC Requirements: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____			
Empty Kit Relinquished by: _____ Relinquished by: _____ Relinquished by: _____ Relinquished by: _____ Custody Seal No.: _____ Δ Yes Δ No		Date: _____ Date/Time: 10/27/18 1345 Date/Time: _____ Date/Time: _____ Date/Time: _____ Cooler Temperature(s) °C and Other Remarks: _____	

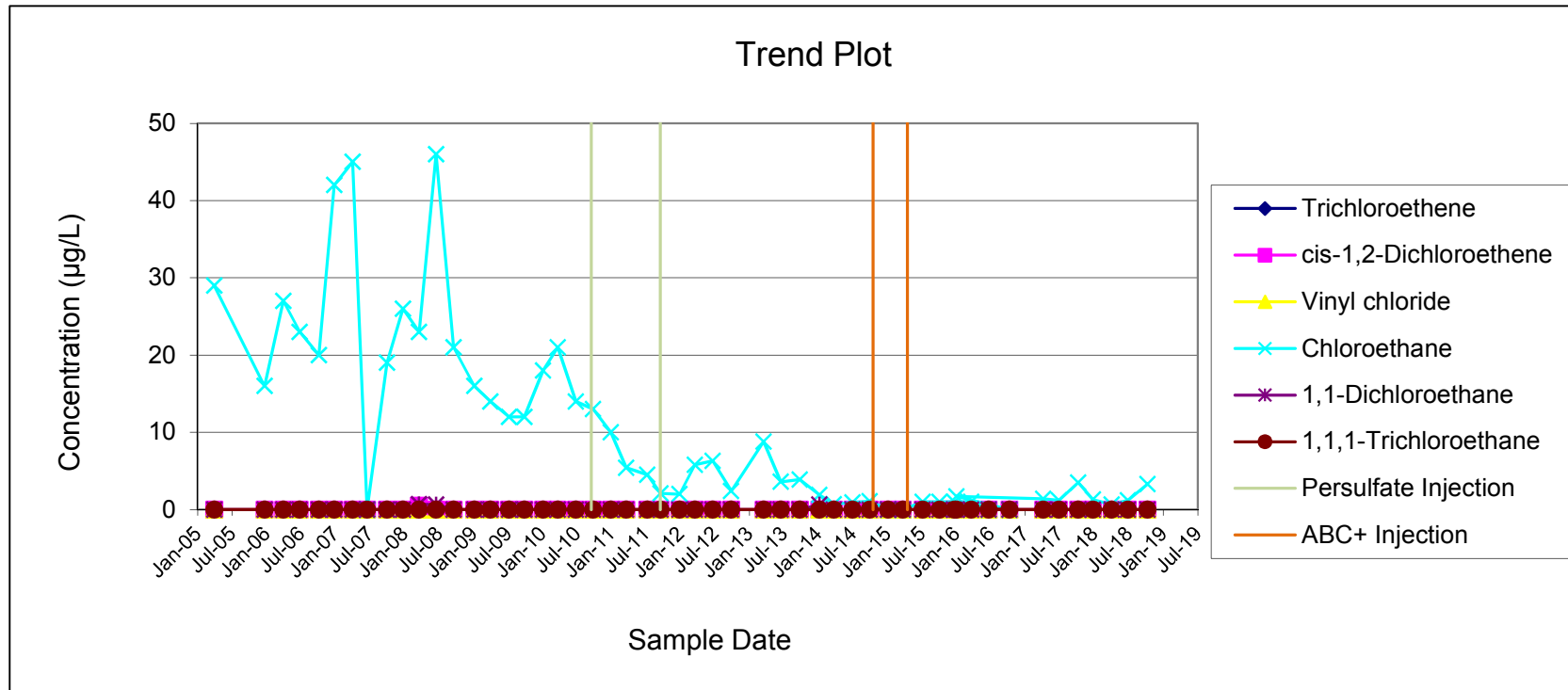
APPENDIX D

Historical and Current Summary of Chlorinated VOCs in Groundwater

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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25
10/19/2006	< 5	< 5	< 5	20	< 5	< 5
1/9/2007	< 5	< 5	< 5	42	< 5	< 5
4/16/2007	< 20	< 20	< 20	45	< 20	< 20
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/15/2007	< 5	< 5	< 5	19	< 5	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	0.48	< 5	23	1	< 5
7/1/2008	< 5	< 5	< 5	46	0.65	< 5
10/1/2008	< 5	< 5	< 5	21	<5	< 5
1/20/2009	< 5	< 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
1/8/2018	<1	<1	<1	1.3	<1	<1
4/17/2018	<1	<1	<1	0.65	<1	<1
7/13/2018	<1	<1	<1	1.2	<1	<1
10/24/2018	<1	<1	<1	3.3	<1	<1

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

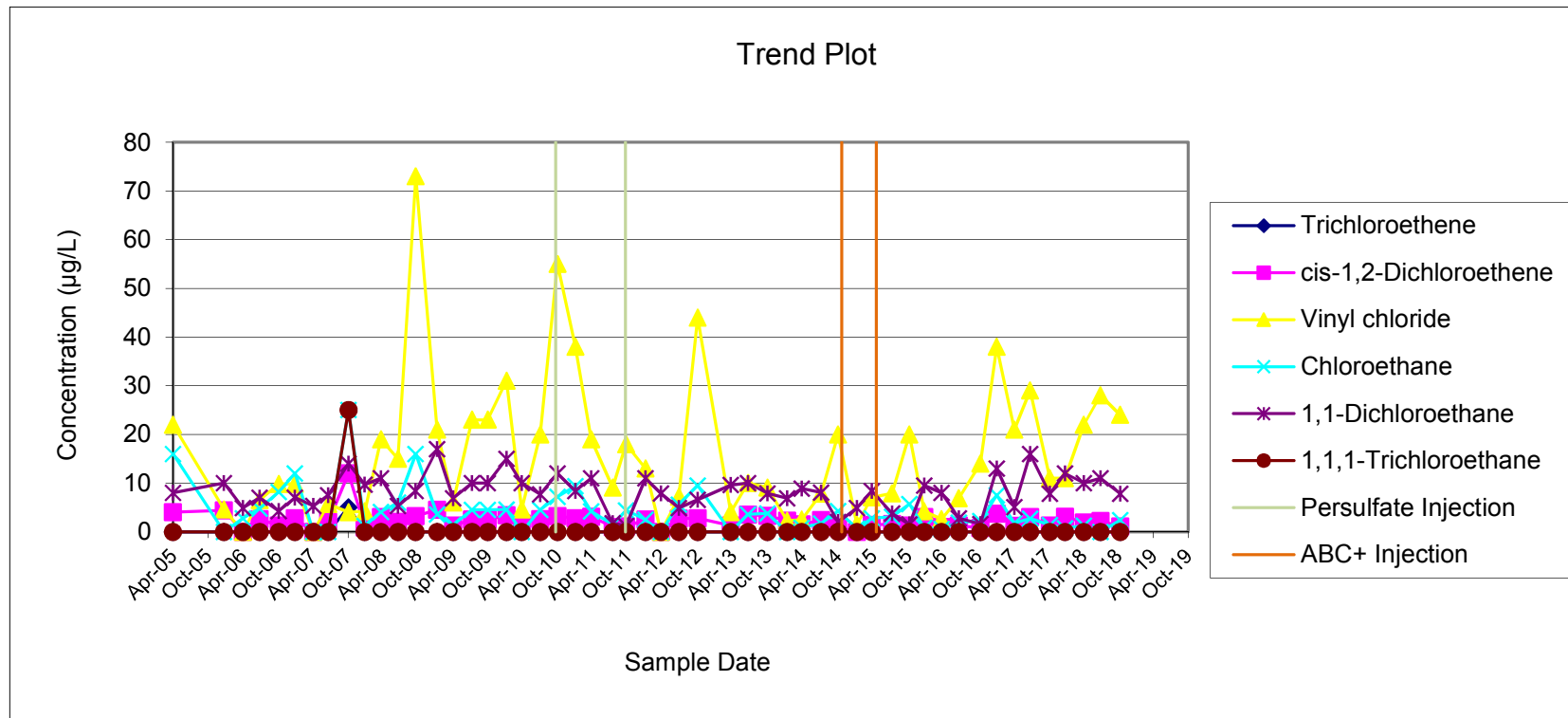


Note TCE data from 10/11/10 was reported in error as 350 µg/L and cis-1,2-DCE was reported as 25 µg/L.

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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	4	22	16	8	<10
1/5/2006	< 25	4.4	4.6	< 25	10	< 25
4/14/2006	< 25	< 25	< 25	2.8	4.9	< 25
7/10/2006	< 25	2.6	6.5	4.8	7	< 25
10/18/2006	< 5	1.3	9.8	8.2	4.3	< 5
1/10/2007	< 5	2.8	9.8	12	7	< 5
4/16/2007	< 20	< 20	< 20	< 20	5.3	< 20
7/2/2007	< 5	2	5.7	< 5	7.5	< 5
10/17/2007	5	12	4	25	14	25
1/9/2008	< 5	0.9	4.2	1.2	9.7	<5
4/3/2008	<5	3	19	4.1	11	<5
7/1/2008	<5	2	15	6	5.3	<5
10/1/2008	<5	3.2	73	16	8.4	<5
1/21/2009	<5	4.5	21	3.6	17	<5
4/15/2009	<5	1.3	6	1.4	6.9	<5
7/22/2009	<5	2.5	23	4.5	10	<5
10/12/2009	<5	2.5	23	4.5	10	<5
1/18/2010	<5	3.4	31	4.6	15	<5
4/7/2010	<5	1.7	4.6	<5	10	<5
7/13/2010	<5	2.6	20	4.5	7.7	<5
10/11/2010	<5	3.2	55	7.2	12	<5
1/12/2011	<1	2.8	38	9.4	8.4	<1
4/4/2011	<1	3.1	19	4.2	11	<1
7/26/2011	<1	0.98	9.1	1.5	1.8	<1
10/3/2011	<1	1.1	18	4.4	1.2	<1
1/13/2012	<1	2.5	13	2.5	11	<1
4/2/2012	<1	<1	<1	<1	7.9	<1
7/5/2012	<1	2.7	7.2	5.6	4.9	<1
10/11/2012	<1	2.8	44	9.5	6.6	<1
4/1/2013	<1	1.3	4	<1	9.6	<1
7/1/2013	<1	3.5	10	3.6	10	<1
10/10/2013	<1	3.3	9.1	3.8	7.9	<1
1/21/2014	<1	2.3	2.3	<1	6.9	<1
4/7/2014	<1	1.5	2.5	0.82	8.9	<1
7/17/2014	<1	2.4	7.8	1.7	8.1	<1
10/14/2014	<1	0.93	20	4.3	2	<1
1/20/2015	<1	<1	1.5	0.64	4.9	<1
4/7/2015	<1	1.4	7.1	2.8	8.4	<1
7/22/2015	<1	1.6	7.9	3.1	3.8	<1
10/21/2015	<1	1.3	20	5.7	1.5	<1
1/6/2016	<1	3	4.2	0.83	9.5	<1
4/5/2016	<1	0.98	2.6	0.58	8	<1
7/5/2016	<1	1.3	6.9	1.9	2.8	<1
10/25/2016	<1	0.81	14	2.2	1.6	<1
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	3.0	29	2.7	16	<1
10/23/2017	<1	1.3	11	1.4	7.8	<1
1/10/2018	<1	3.1	11	0.72	12	<1
4/17/2018	<1	1.9	22	1.3	10	<1
7/13/2018	<1	2.2	28	<1	11	<1
10/24/2018	<1	1.1	24	2.4	7.8	<1

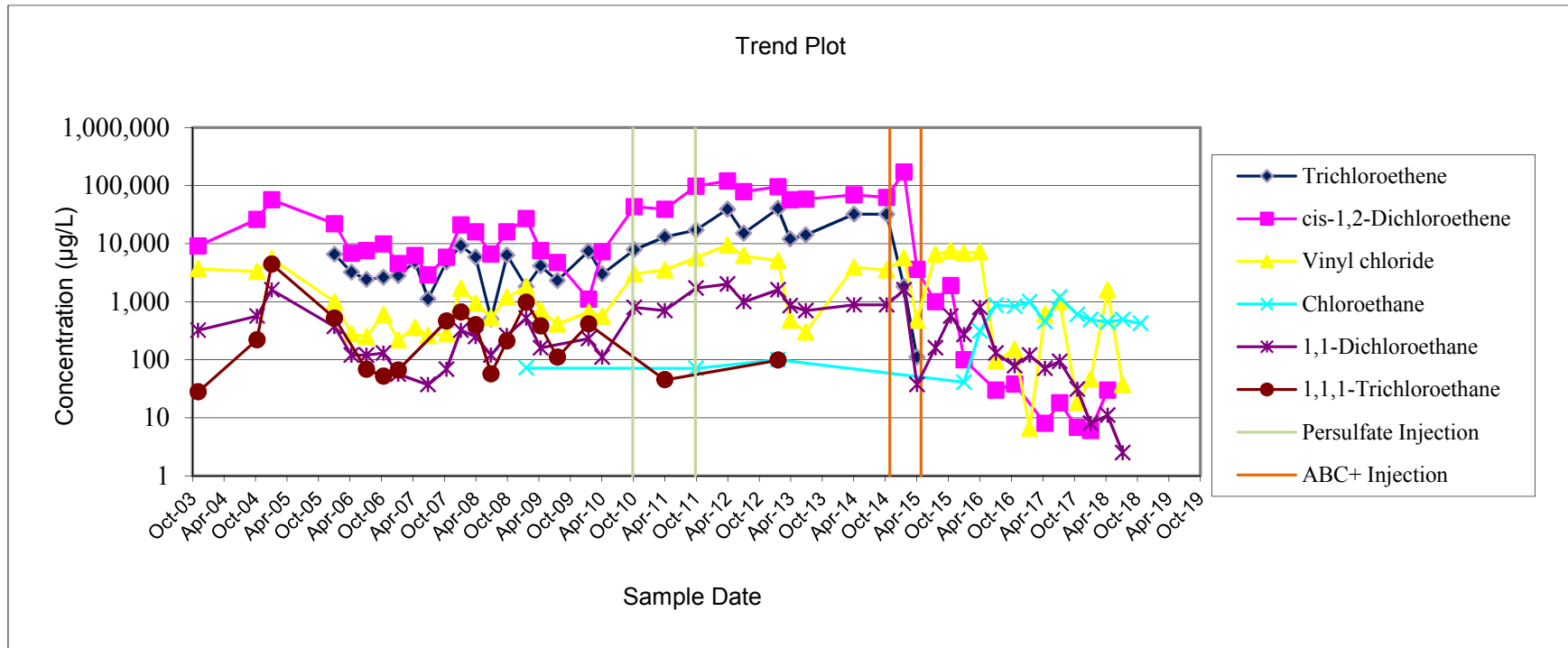
MONITORING WELL MW-3
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



MONITORING WELL MW-4
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED 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
1/8/2018	<5	6	46	490	8	<5
4/17/2018	<20	30	1,600	440	11	<20
7/13/2018	<5	<5	37	490	2.5	<5
10/24/2018	<20	<20	<20	420	<20	<20

MONITORING WELL MW-4
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED 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.

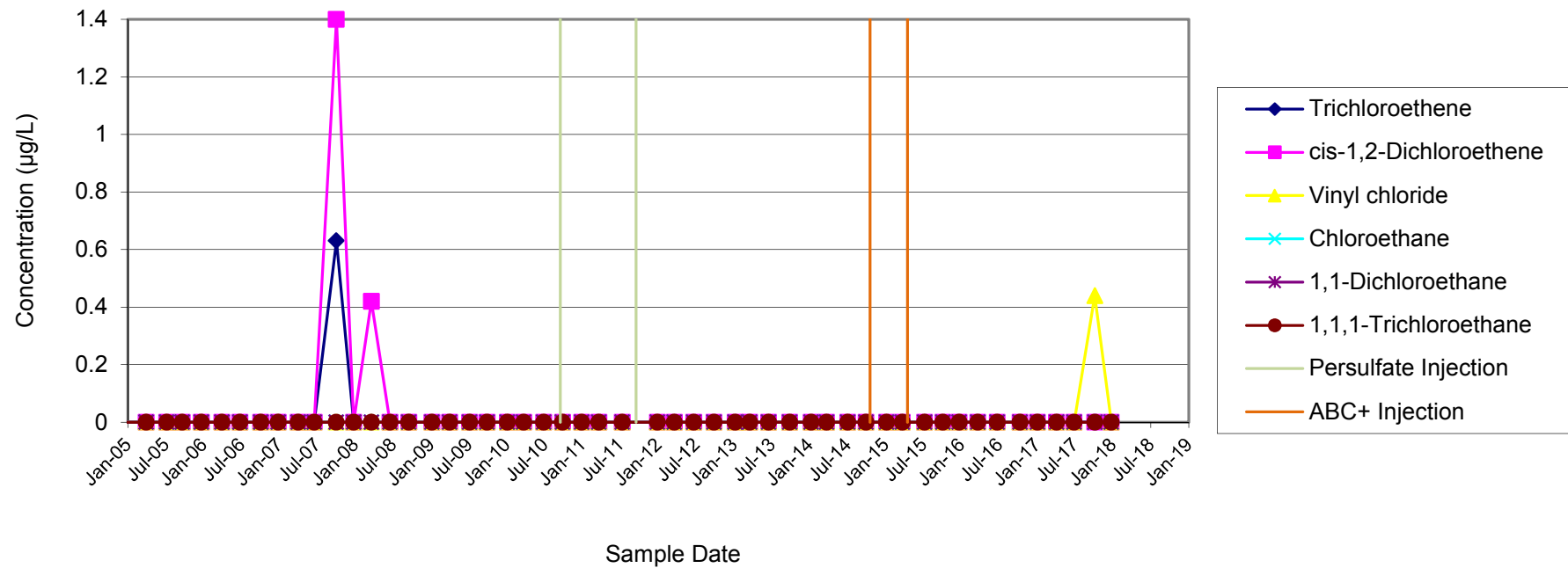
MONITORING WELL MW-6
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/8/2018	<1	<1	<1	<1	<1	<1

Note well was decommissioned following the January 2018 sampling event.

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

Trend Plot

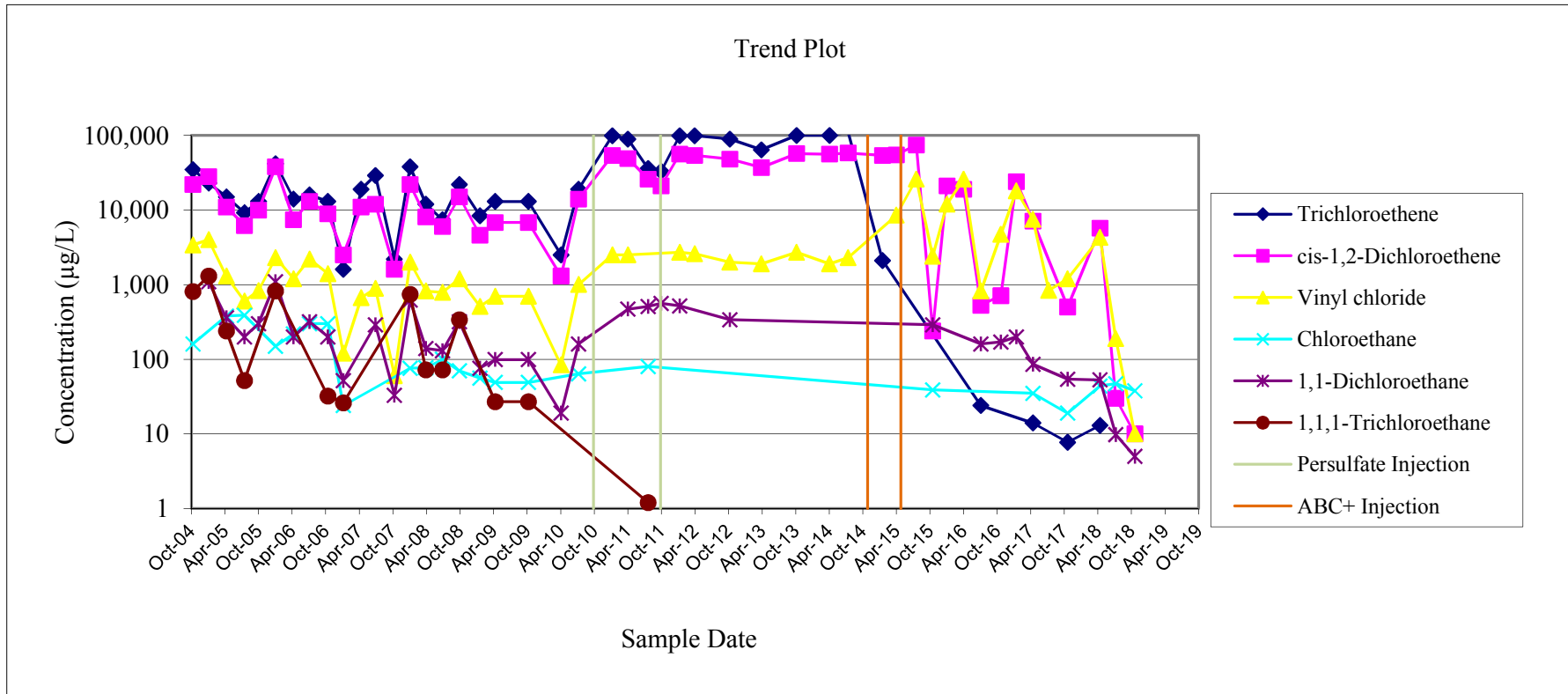


MONITORING WELL MW-8R
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/18/2018	13	5,700	4,300	44	53	<20
7/13/2018	<10	30	190	47	9.8	<10
10/24/2018	<10	<10	<10	38	5.0	<10

Note well was not accessible during the January 2018 sampling event.

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

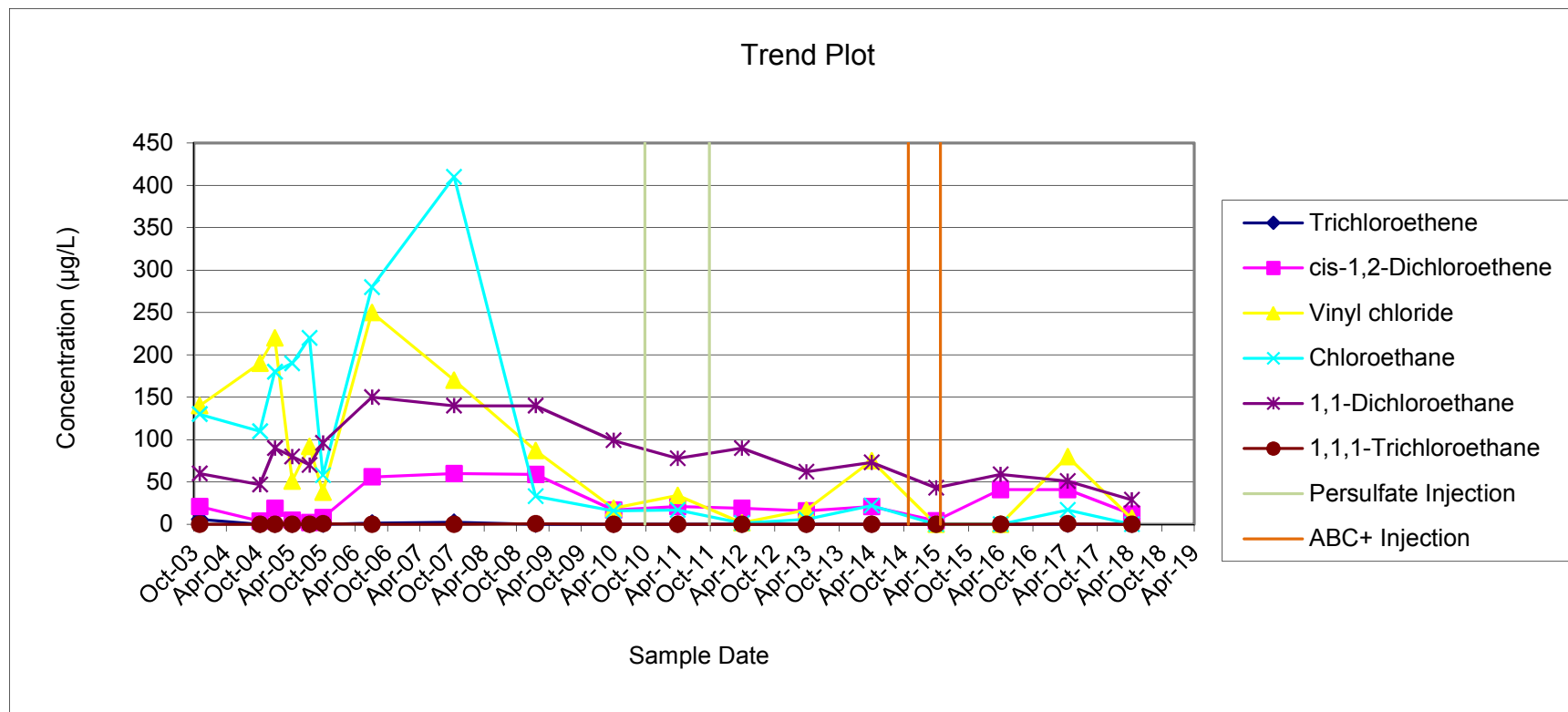


Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

MONITORING WELL MW-9
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED 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
4/17/2018	<1	12	7.2	<1	29	<1

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



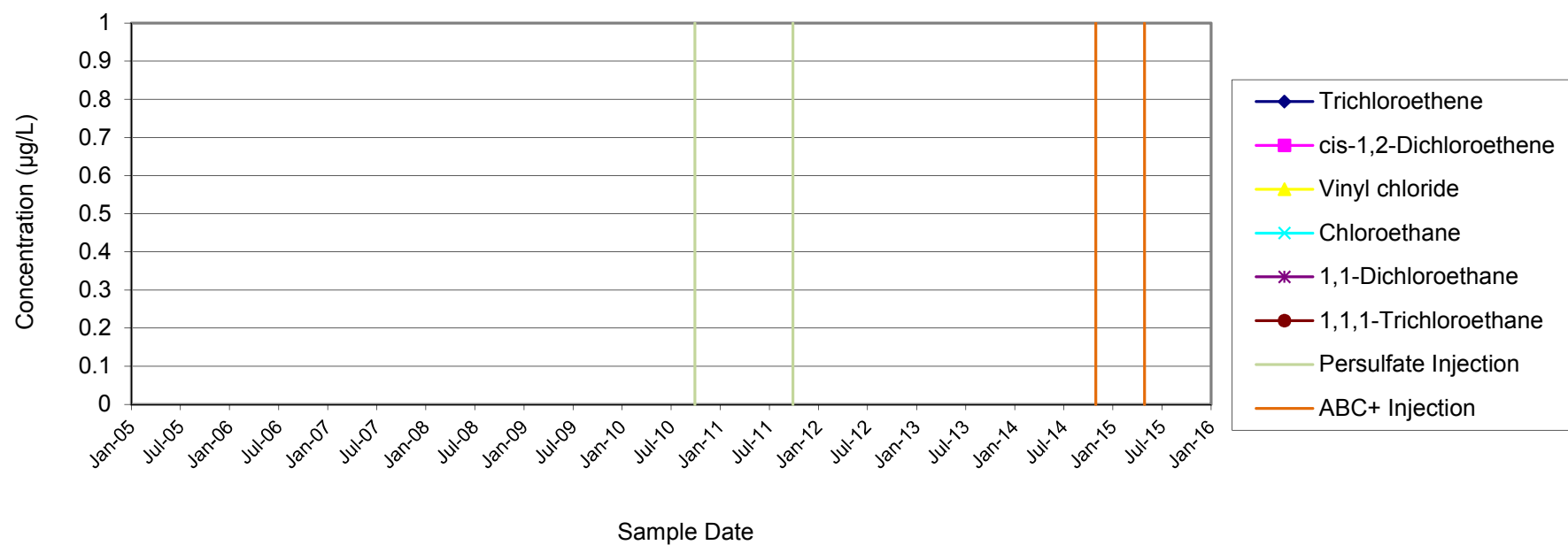
MONITORING WELL MW-10
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	< 10	< 10	<10
1/5/2006	< 5	< 5	< 5	< 5	< 5	< 5
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5
7/10/2006	< 5	< 5	< 5	< 5	< 5	< 5
10/18/2006	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2007	< 5	< 5	< 5	< 5	< 5	< 5
4/16/2007	< 5	< 5	< 5	< 5	< 5	< 5
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/17/2007	< 5	< 5	< 5	< 5	< 5	< 5
1/9/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/3/2008	< 5	< 5	< 5	< 5	< 5	< 5
7/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
10/1/2008	< 5	< 5	< 5	< 5	< 5	< 5
1/20/2008	< 5	< 5	< 5	< 5	< 5	< 5
4/15/2009	< 5	< 5	< 5	< 5	< 5	< 5
7/21/2009	< 5	< 5	< 5	< 5	< 5	< 5
10/13/2009	< 5	< 5	< 5	< 5	< 5	< 5
1/18/2010	< 5	< 5	< 5	< 5	< 5	< 5
4/7/2010	< 5	< 5	< 5	< 5	< 5	< 5
7/13/2010	< 5	< 5	< 5	< 5	< 5	< 5
10/11/2010	< 5	< 5	< 5	< 5	< 5	< 5
1/12/2011	<1	<1	<1	<1	<1	<1
4/4/2011	<1	<1	<1	<1	<1	<1
7/26/2011	<1	<1	<1	<1	<1	<1
10/3/2011	<1	<1	<1	<1	<1	<1
1/12/2012	<1	<1	<1	<1	<1	<1
4/2/2012	<1	<1	<1	<1	<1	<1
7/5/2012	<1	<1	<1	<1	<1	<1
10/11/2012	<1	<1	<1	<1	<1	<1
4/1/2013	<1	<1	<1	<1	<1	<1
7/1/2013	<1	<1	<1	<1	<1	<1
10/10/2013	<1	<1	<1	<1	<1	<1
1/22/2014	<1	<1	<1	<1	<1	<1
4/7/2014	<1	<1	<1	<1	<1	<1
7/17/2014	<1	<1	<1	<1	<1	<1
10/14/2014	<1	<1	<1	<1	<1	<1
1/20/2015	<1	<1	<1	<1	<1	<1
4/6/2015	<1	<1	<1	<1	<1	<1
7/23/2015	<1	<1	<1	<1	<1	<1
10/19/2015	<1	<1	<1	<1	<1	<1
1/6/2016	<1	<1	<1	<1	<1	<1
4/4/2016	<1	<1	<1	<1	<1	<1
7/7/2016	<1	<1	<1	<1	<1	<1
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
1/8/2018	<1	<1	<1	<1	<1	<1
4/17/2018	<1	<1	<1	<1	<1	<1
7/13/2018	<1	<1	<1	<1	<1	<1

Note well was decommissioned following the July 2018 sampling event.

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

Trend Plot

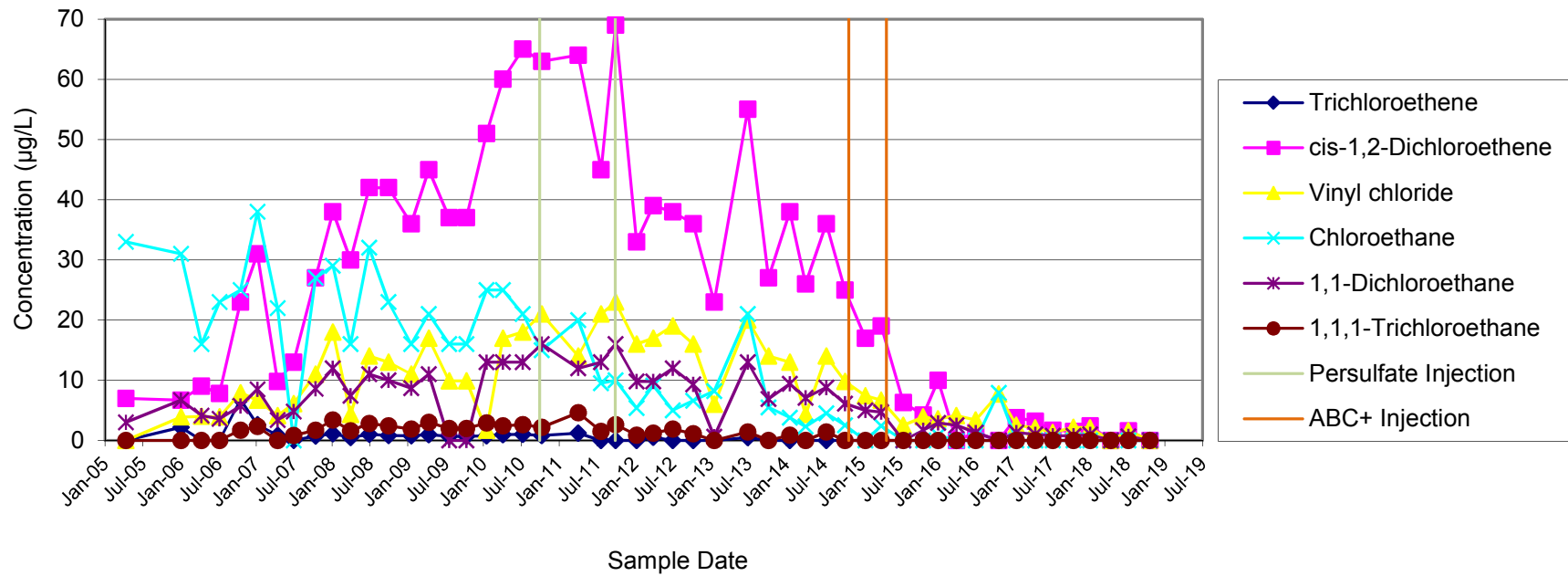


MONITORING WELL MW-11
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/8/2018	<1	2.4	2.1	<1	0.99	<1
4/18/2018	<2	<2	<2	<2	<2	<2
7/12/2018	<1	1.6	1.6	<1	0.68	<1
10/24/2018	<4	<4	<4	<4	<4	<4

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

Trend Plot



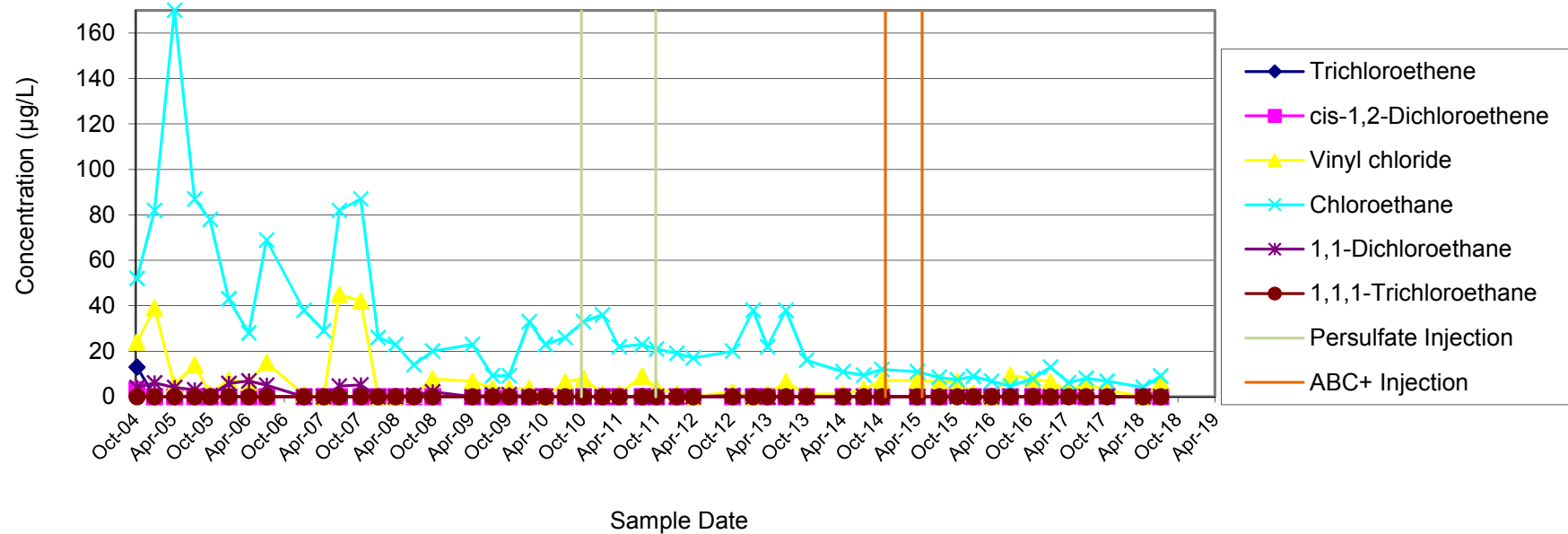
MONITORING WELL MW-12
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/12/2004	13	3	24	52	4	< 10
1/6/2005	< 10	< 10	39	82	6	< 10
4/14/2005	< 10	< 10	5	170	4	< 10
7/21/2005	< 5	< 5	14	87	3	<
10/5/2005	< 5	< 5	1.2	78	0.43	< 5
1/5/2006	< 25	< 25	7.2	43	5.8	< 25
4/14/2006	< 25	< 25	6.3	28	6.9	< 25
7/10/2006	< 25	< 25	15	69	5	< 25
1/9/2007	< 5	< 5	0.83	38	< 5	< 5
4/16/2007	< 20	< 20	< 20	29	< 20	< 20
7/2/2007	< 5	< 5	45	82	4.6	< 5
10/15/2007	< 5	< 5	42	87	5.2	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	< 5	< 5	23	< 5	< 5
7/1/2008	< 5	< 5	0.64	14	0.55	< 5
10/1/2008	< 5	< 5	7.8	20	2.1	< 5
4/14/2009	<5	<5	6.8	23	<5	<5
7/22/2009	<5	<5	3.6	9.2	0.79	<5
10/12/2009	<5	<5	3.6	9.2	0.79	<5
1/18/2010	<5	<5	3.6	33	<5	<5
4/7/2010	<5	<5	< 5	23	<5	<5
7/13/2010	<5	<5	6.4	26	<5	<5
10/11/2010	<5	<5	8.1	33	<5	<5
1/12/2011	<1	<1	1.3	36	<1	<1
4/4/2011	<1	<1	1.1	22	<1	<1
7/26/2011	<1	<1	8.9	23	<1	<1
10/4/2011	<1	<1	3.9	21	<1	<1
1/12/2012	<1	<1	1.4	19	<1	<1
4/2/2012	<1	<1	<1	17	<1	<1
10/11/2012	<1	<1	2.1	20	0.49	<1
1/21/2013	<1	<1	<1	38	<1	<1
4/1/2013	<1	<1	1.1	22	<1	<1
7/1/2013	<1	<1	6.6	38	<1	<1
10/10/2013	<1	<1	0.95	16	<1	<1
4/7/2014	<1	<1	1.2	11	<1	<1
7/17/2014	<1	<1	3.3	9.4	<1	<1
10/14/2014	<1	<1	7.1	12	<1	<1
4/6/2015	<1	<1	7.2	11	<1	<1
7/23/2015	<1	<1	6.6	8.5	<1	<1
10/19/2015	<1	0.88	6.7	7.4	<1	<1
1/6/2016	<1	<1	1.5	9	<1	<1
4/5/2016	<5	<5	< 5	6.8	<5	<5
7/6/2016	<5	<5	9.4	4.7	<5	<5
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
4/18/2018	<4	<4	<4	4.1	<4	<4
7/13/2018	<5	<5	6.1	9.1	<5	<5

Note well was decommissioned following the July 2018 sampling event.

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

Trend Plot

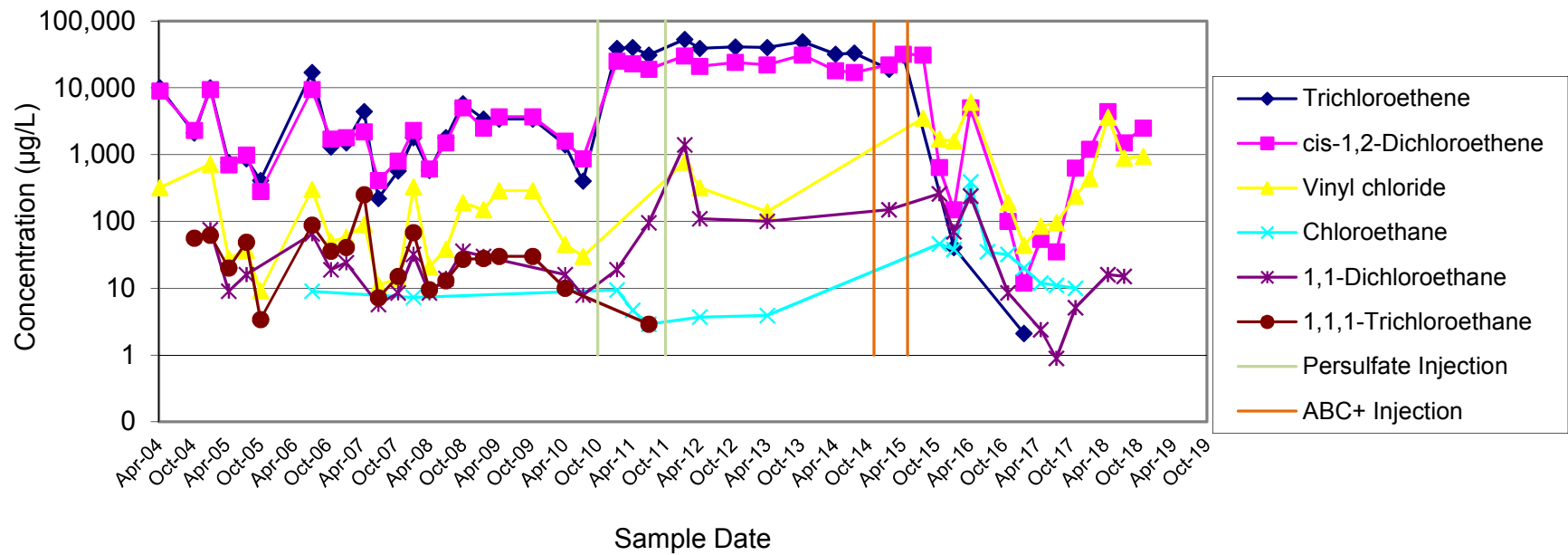


PIEZOMETER MW-13S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 50	9	20
7/20/2005	870	990	37	< 40	16	49
10/4/2005	410	280	9.1	< 40	< 40	3.4
7/10/2006	17,000	9,400	300	9	65	88
10/19/2006	1,300	1,700	50	<100	19	36
1/10/2007	1,500	1,800	58	<100	24	41
4/17/2007	4,400	2,200	90	< 250	< 250	250
7/3/2007	220	410	11	< 25	5.7	7.2
10/18/2007	570	800	14	< 25	8.5	15
1/9/2008	1800	2300	330	7.3	32	68
4/3/2008	580	610	21	<50	8.5	9.5
7/2/2008	1,800	1,500	38	<120	14	13
10/2/2008	5,800	5,000	190	<120	36	27
1/20/2009	3,400	2,500	150	<10	30	28
4/15/2009	3,400	3,700	290	<40	<40	30
10/13/2009	3,400	3,700	290	<40	<40	30
4/7/2010	1,400	1,600	45	<50	16	10
7/13/2010	400	870	30	<50	7.9	<50
1/12/2011	39,000	25,000	<500	9.4	19	<1
4/6/2011	40,000	23,000	<800	4.7	<800	<800
7/2/2011	31,000	19,000	<800	2.9	95	2.9
1/13/2012	53,000	30,000	770	<800	1400	<800
4/3/2012	39,000	21,000	320	3.7	110	<1
10/12/2012	41,000	24,000	<800	<800	<800	<800
4/2/2013	40,000	22,000	140	3.9	100	<1
10/10/2013	49,000	31,000	<1	<1	<1	<1
4/7/2014	32,000	18,000	<500	<500	<500	<500
7/17/2014	33,000	17,000	<500	<500	<500	<500
1/21/2015	19,000	22,000	<500	<500	150	<500
4/7/2015	31,000	32,000	<500	<500	<500	<500
7/23/2015	<500	31,000	3,500	<500	<500	<500
10/20/2015	<10	640	1,700	46	260	<10
1/6/2016	41	150	1,600	38	70	<25
4/5/2016	<100	5,000	6,100	390	240	<100
7/6/2016	<4	<4	<4	35	<4	<4
10/25/2016	<2	100	190	32	8.5	<2
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
1/9/2018	<40	1,200	440	<40	<40	<40
4/17/2018	<40	4,400	3,600	<40	16	<40
7/13/2018	<40	1,500	880	<40	15	<40
10/24/2018	<40	2,500	940	<40	<40	<40

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

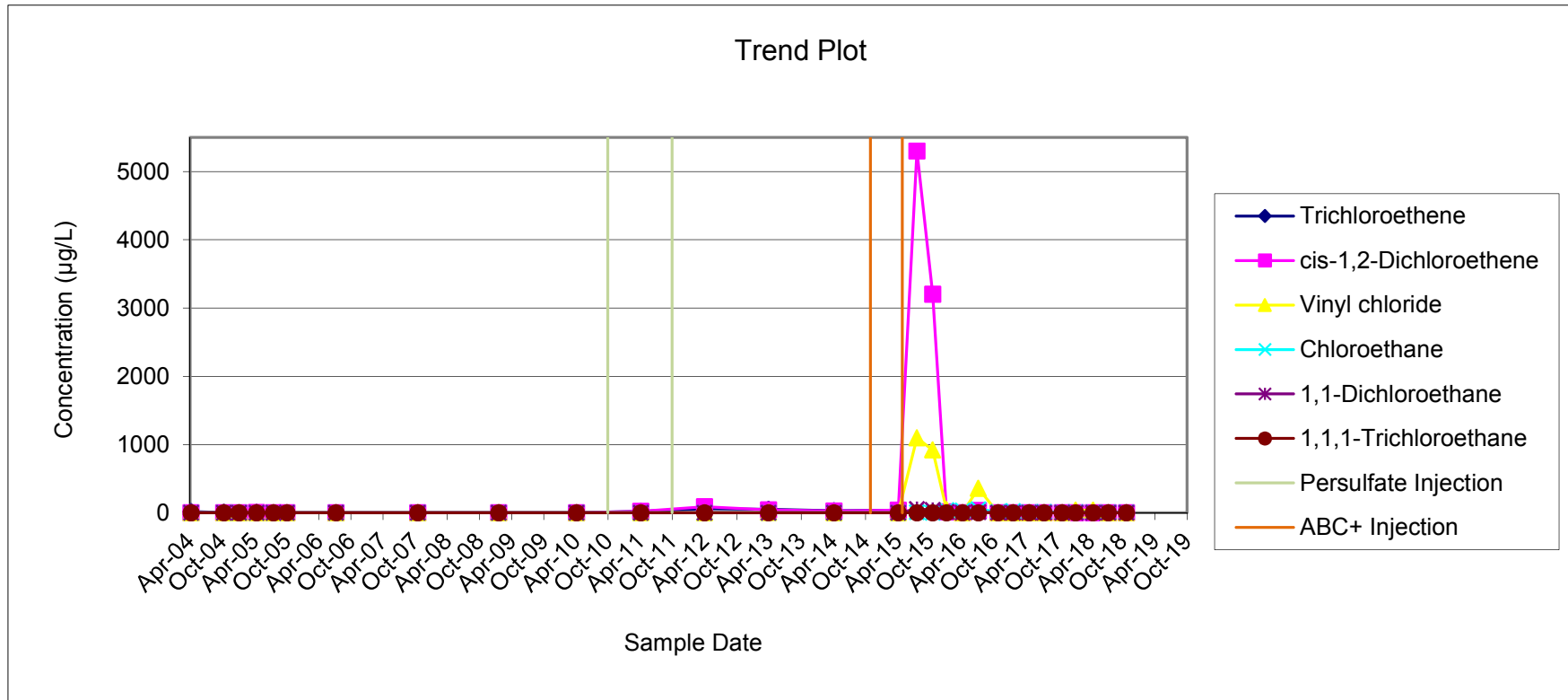
Trend Plot



PIEZOMETER MW-13D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED 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	5300	1100	11	56	<1
10/20/2015	<100	3200	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
1/9/2018	<1	1.1	39	9.9	0.73	<1
4/18/2018	<1	1	39	6.5	<1	<1
7/13/2018	<1	<1	<1	5.5	<1	<1
10/24/2018	<1	<1	<1	4.2	<1	<1

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

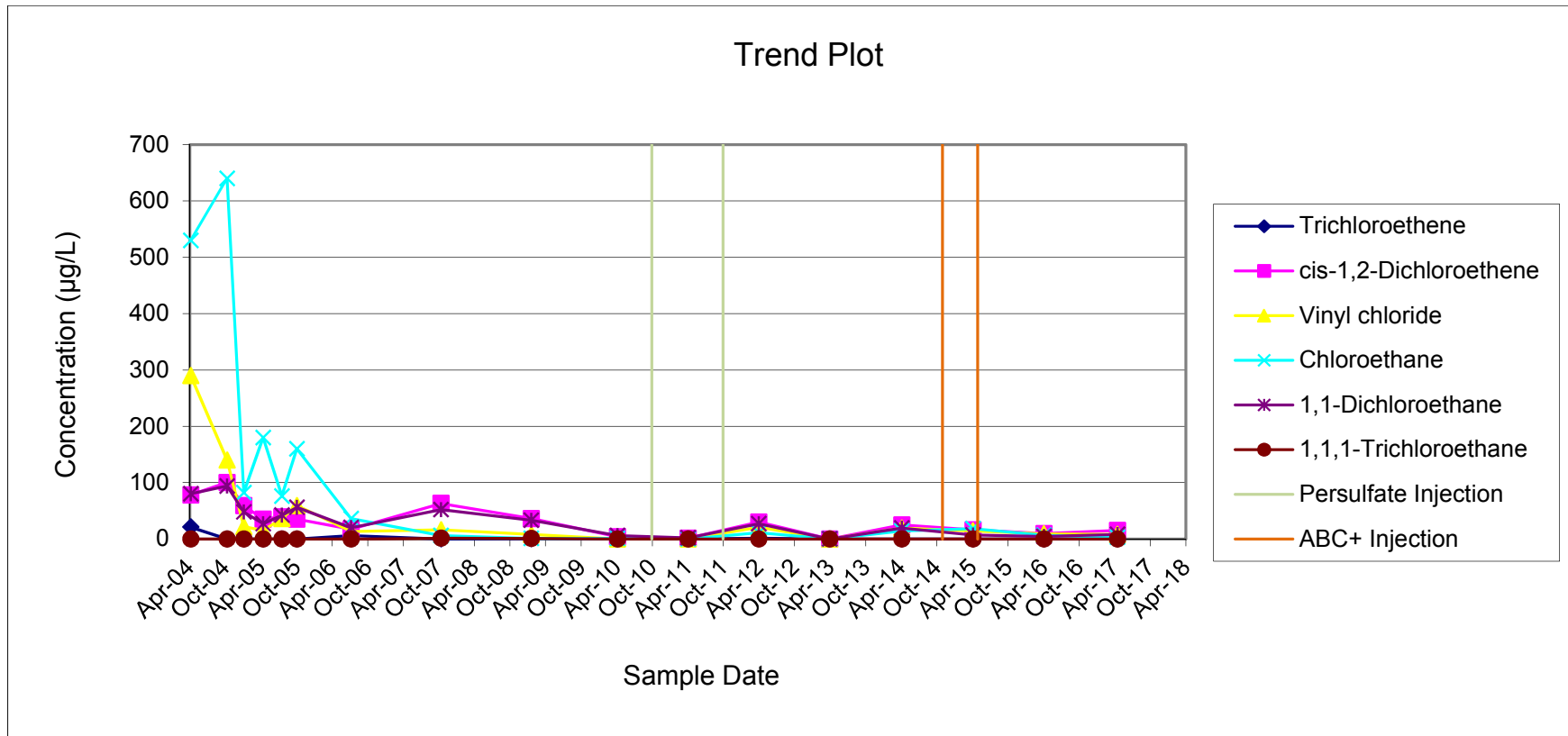


PIEZOMETER MW-14S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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

Well was flooded and not sampled in April 2018.

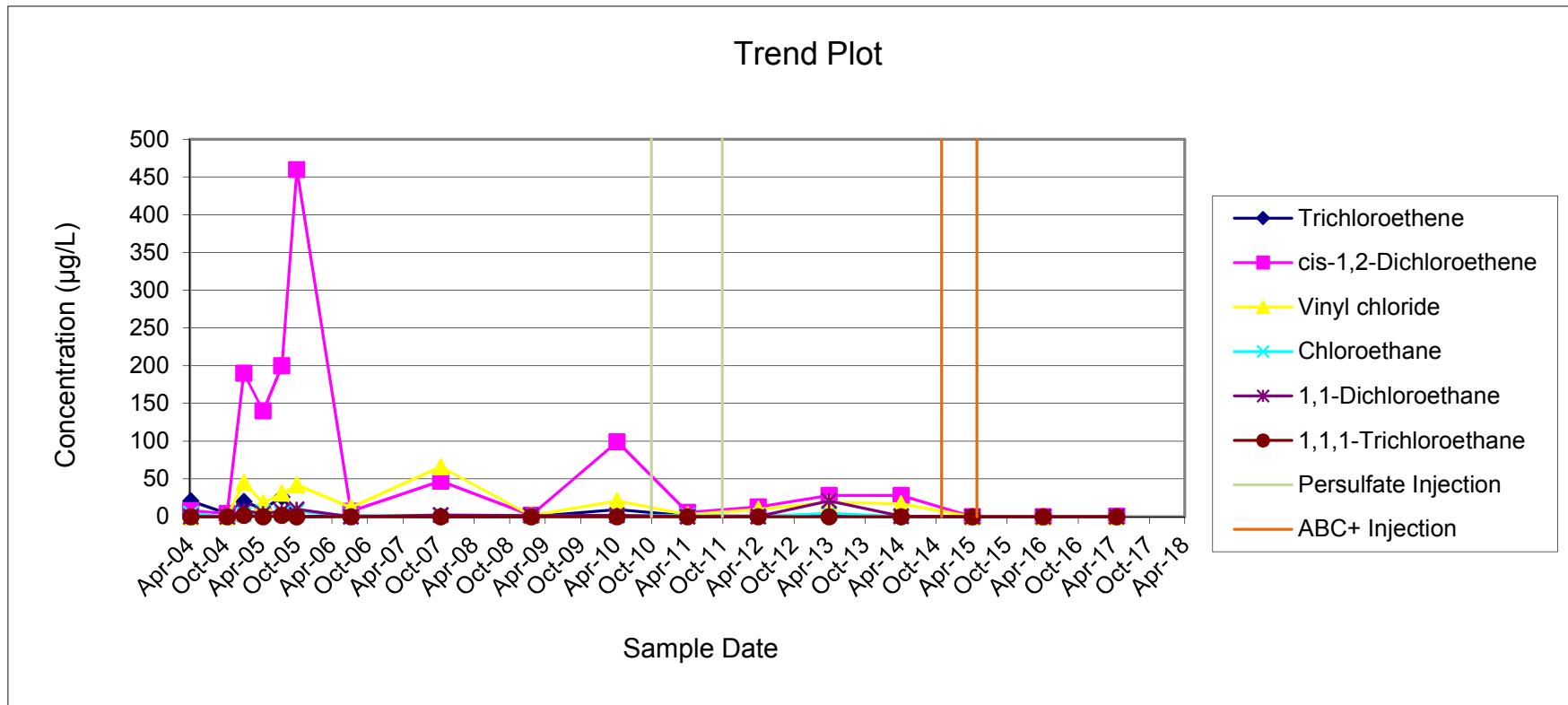
PIEZOMETER MW-14S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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

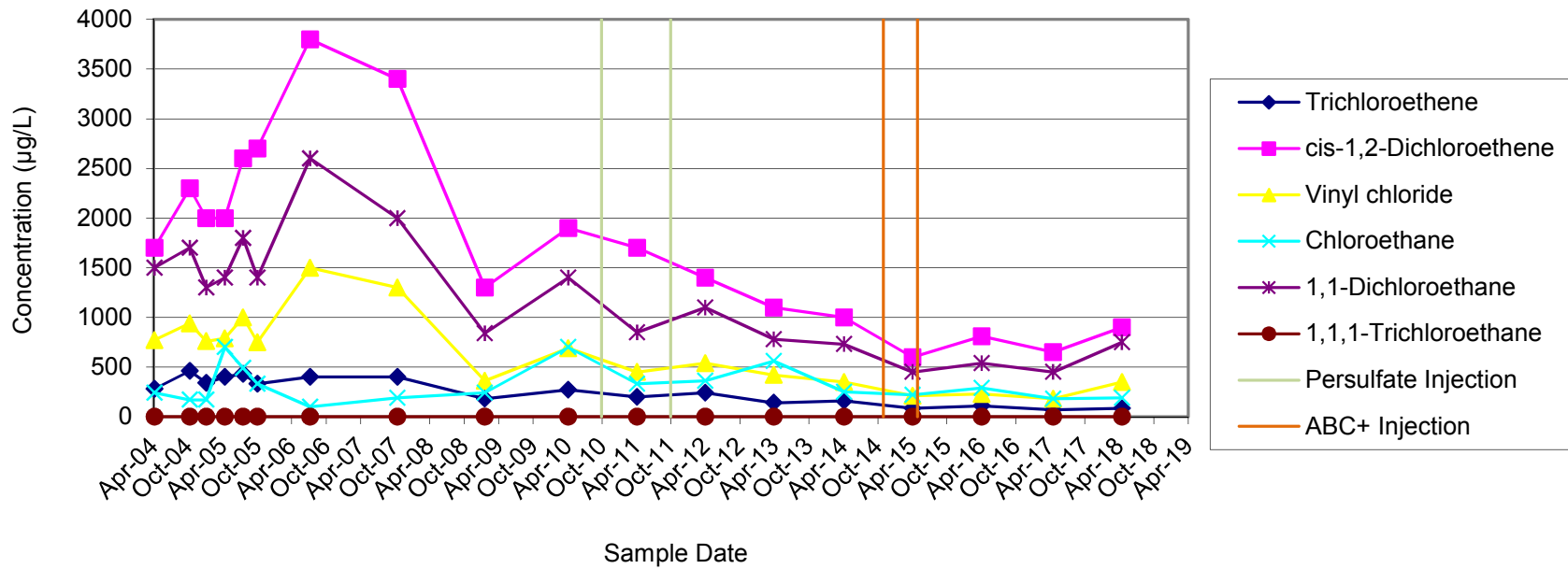


PIEZOMETER MW-15S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	280	1,700	770	240	1,500	< 250
10/12/2004	460	2,300	940	170	1,700	< 250
1/7/2005	340	2,000	760	170	1,300	< 250
4/15/2005	400	2,000	790	700	1,400	< 200
7/21/2005	430	2,600	1,000	490	1,800	< 120
10/5/2005	330	2,700	750	330	1,400	<100
7/10/2006	400	3,800	1,500	100	2,600	< 25
10/16/2007	400	3400	1300	190	2000	< 200
1/21/2009	180	1300	360	240	840	<5
4/8/2010	270	1900	690	700	1400	<10
4/7/2011	200	1700	450	330	850	<1
4/3/2012	240	1400	540	360	1100	<1
4/1/2013	140	1100	420	560	780	<20
4/7/2014	160	1000	350	250	730	<20
4/6/2015	85	600	210	220	450	<20
4/6/2016	110	810	230	290	540	<20
4/19/2017	70	650	180	180	450	<5
4/18/2018	85	900	350	190	750	<20

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

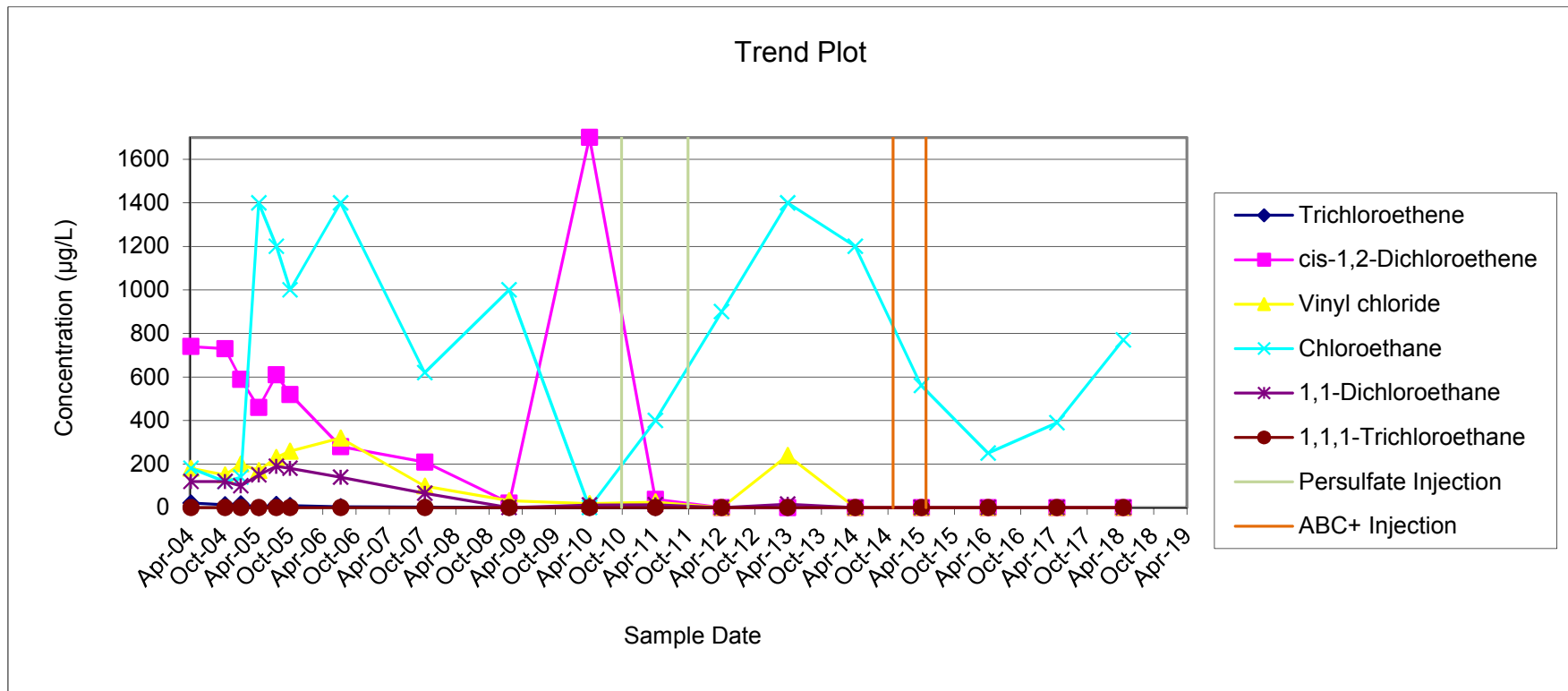
Trend Plot



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

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	740	180	180	120	< 10
10/12/2004	14	730	150	120	120	< 50
1/7/2005	18	590	200	140	100	< 50
4/15/2005	< 50	460	170	1,400	150	< 50
7/21/2005	15	610	230	1,200	190	< 25
10/5/2005	10	520	260	1,000	180	<50
7/10/2006	4.9	280	320	1,400	140	< 5
10/16/2007	3.6	210	99	620	66	< 5
1/21/2009	<25	22	32	1000	<25	<25
4/8/2010	<5	1700	19	<5	12	<5
4/5/2011	<8	38	26	400	13	<8
4/3/2012	<10	<10	<10	900	<10	<10
4/1/2013	<8	<8	240	1400	16	<8
4/7/2014	<20	<20	<20	1200	<20	<20
4/6/2015	<20	<20	<20	560	<20	<20
4/6/2016	<5	<5	<5	250	<5	<5
4/19/2017	<1	<1	<1	390	0.35	<1
4/19/2018	<5	<5	<5	770	<5	<5

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

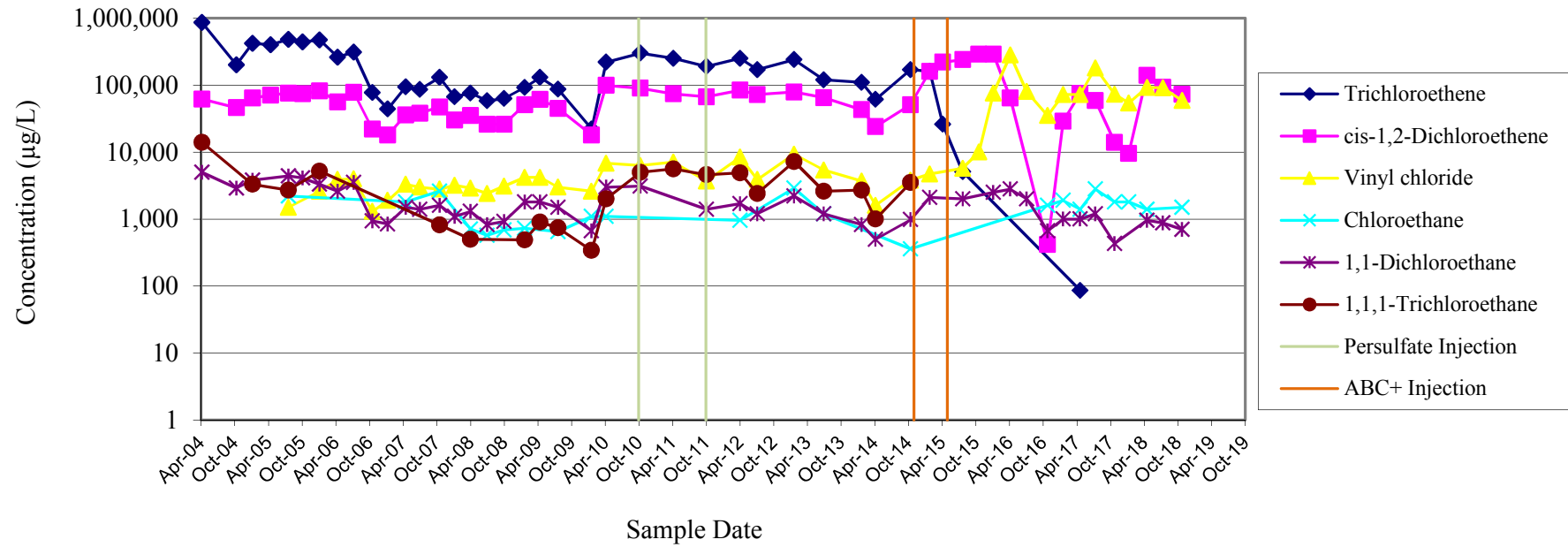


PIEZOMETER MW-16S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	< 20,000	< 20,000	5,000	14,000
10/12/2004	200,000	46,000	< 10,000	< 10,000	2,900	< 10,000
1/7/2005	420,000	64,000	< 10,000	< 10,000	3,800	3,300
4/15/2005	400,000	71,000	< 25,000	< 25,000	< 25,000	< 25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	< 25,000	< 25,000	4,100	< 25,000
1/6/2006	470,000	82,000	2,600	< 20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	< 20,000	2,600	< 20,000
7/10/2006	310,000	78,000	4,000	< 20,000	3,500	< 20,000
10/19/2006	77,000	22,000	1,300	< 5,000	940	< 5,000
1/10/2007	44,000	18,000	1,900	< 2,500	840	< 2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	< 5,000
7/3/2007	86,000	38,000	3,000	< 5,000	1,400	< 5,000
10/18/2007	130000	47000	2800	2600	1600	820
1/8/2008	67000	30000	3200	< 5000	1100	< 5000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	<5000
10/2/2008	63,000	26,000	3,100	690	920	<5000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	<2000	1,800	900
7/22/2009	87,000	45,000	3,000	650	1,500	740
1/19/2010	22,000	18,000	2,600	1,100	670	340
4/8/2010	220,000	99,000	6,800	1,100	3,000	2,000
10/11/2010	300,000	90,000	6,300	<20,000	3,100	5,000
4/7/2011	250,000	74,000	7,100	<4,000	<4,000	5,600
10/4/2011	190,000	67,000	3,700	<800	1,400	4,600
4/3/2012	250,000	84,000	8,400	960	1,700	4,900
7/6/2012	170,000	72,000	3,900	<2000	1,200	2,400
1/21/2013	240,000	79,000	9,300	2,900	2,200	7,200
7/1/2013	120,000	65,000	5,400	1,200	1,200	2,600
1/22/2014	110,000	43,000	3,700	<2,000	830	2,700
4/7/2014	61,000	24,000	1,600	<1000	500	1,000
10/14/2014	170,000	51,000	3,800	360	980	3,500
1/26/2015	160,000	160,000	4,700	<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
1/9/2018	<1,000	9,600	54,000	1,800	<1,000	<1,000
4/18/2018	<1,000	140,000	92,000	1,400	960	<1,000
7/13/2018	<1,000	93,000	91,000	<1,000	880	<1,000
10/25/2018	<1,000	73,000	59,000	1,500	700	<1,000

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

Trend Plot



PIEZOMETER MW-16D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED 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
1/8/2018	<1	4.1	9.0	110	4.1	<1
4/18/2018	<1	1.5	15	52	0.78	<1
7/13/2018	<1	3.3	22	53	2.0	<1
10/25/2018	<1	2.3	17	38	1.2	<1

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

