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February 3, 2021

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

**Subject: Fiscal First Quarter 2021 Groundwater Monitoring Report (10/14/20-01/20/21)
January 2021 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 2020 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 revised monitoring schedule was implemented based on Table 13 presented in the Periodic Review Report (PRR) (April 8, 2019 through April 10, 2020), dated June 25, 2020, and the analyses performed on the groundwater sampled during this monitoring event reflect this schedule. Additionally, vapor samples were collected from the air stripper and dual phase extraction (DPE) vacuum pump sampling discharge ports as part of the January 2021 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 DPE remediation system, and a summary of groundwater quality and vapor effluent results.

Project Background

Scott Aviation, Inc. was sold to Zodiac Acquisition Corporation in 2004, and the facility is now occupied by AVOX Systems Inc. (AVOX). Per the purchase and sale agreement, the responsibility for the DPE groundwater remediation system located at 25A Walter Winter Drive, west of AVOX Plant 2, was retained for a designated period of years by Scott Technologies, Inc., the former parent company of Scott Aviation, Inc. Due to an organizational change, Scott Figgie LLC has replaced Scott Technologies, Inc. as the entity responsible under that agreement 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, 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 has been, as of that correspondence, required for the site each calendar year, and is to include four quarters of groundwater sampling based on the current **Table 1**. **Table 1** is updated quarterly; the attached **Table 1** presents the groundwater monitoring schedule for the site from April 2021 through January 2022. 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. The thirteenth year of combined DPE groundwater remediation system operation was summarized in a PRR (April 20, 2017 through April 18, 2018) and submitted to NYSDEC on May 31, 2018. During the past year, the fourteenth PRR (April 18, 2018 through April 8, 2019) was completed and submitted to NYSDEC on June 15, 2019; per NYSDEC comment letter dated August 2, 2019, the fourteenth PRR was revised and resubmitted on August 8, 2019. The fourteenth PRR was approved via email by NYSDEC on December 31, 2019. On June 25, 2020, AECOM submitted the fifteenth PRR to NYSDEC which summarized the combined DPE groundwater remediation system operation between April 8, 2019 through April 10, 2020. An IC/EC certification was included with each PRR except #10 through #14; NYSDEC informed AECOM via email that an IC/EC certification form was not auto-generated by the NYSDEC during those years and therefore to submit those PRRs without an IC/EC certification. In 2020, PRR #15 contains an IC/EC certification.

Quarterly Groundwater Monitoring Activities – January 2021

AECOM personnel collected quarterly groundwater samples on January 19, 2021 through January 20, 2021 (vapor samples were collected on January 19, 2021), in accordance with the procedures outlined in the NYSDEC-approved November 2003 RDWP and the August 2010 letter. January 2021 groundwater samples were collected from nine monitoring wells and piezometers (MW-2, MW-3, MW-4, MW-8R, MW-11, MW-13S, MW-13D, MW-16S, MW-16D), the GWCT, and eight DPE wells (DPE-1, DPE-2, DPE-3, DPE-4, DPE-5, DPE-6, DPE-7, and DPE-8) (**Figure 2**). In addition, quality assurance/quality control samples were collected for VOC analysis including a duplicate sample, trip blank, and equipment blank. Field forms generated during this sampling event are provided in **Appendix A**. Groundwater samples were analyzed for VOCs and total organic carbon (TOC) by Eurofins TestAmerica Laboratories, Inc. (Amherst, New York) using United States Environmental Protection Agency (EPA) SW-846 Method 8260C and SW-846 Method 9060A, respectively.

Prior to the collection of groundwater samples, a complete round of groundwater levels was measured in all site monitoring wells and piezometers. **Table 2** provides a summary of groundwater elevations measured on January 19, 2021. A summary of current and historical groundwater levels and corresponding elevations and hydrographs for each active monitoring well and nested piezometer pair is provided in **Appendix B**. Monitoring well MW-2 is screened across the shallow overburden groundwater zone while 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 overburden water-bearing unit.

Two groundwater surface contour maps for January 2021 are provided. The average water levels calculated for the nested piezometer pairs and monitoring wells, in conjunction with GWCT 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 GWCT water level data.

Groundwater elevations measured from monitoring wells and piezometers on January 19, 2021 ranged from 686.68 feet above mean sea level (AMSL) at MW-15S to 673.64 feet AMSL at MW-14D. The average groundwater surface elevation across the site was 2.33 feet higher when compared to the prior round of groundwater elevation measurements collected in October 2020. The increase in groundwater elevations may be attributable to seasonal variations. Note: the DPE system and the GWCT were on-line during the January 2021 groundwater sampling event. Based on the January 2021 groundwater level measurements, the groundwater surface beneath the Site continues to exhibit inward flow towards the GWCT. As **Figures 4 and 5** illustrate, the GWCT induces groundwater flow reversal along the western AVOX Plant 2 property boundary. This reversal in groundwater flow provides hydraulic capture of VOCs present in the shallow and deep overburden groundwater that might otherwise migrate off-site.

Groundwater Quality Results – January 2021

Tables 3, 4 and 5 summarize VOC data for groundwater samples collected in January 2021 from the monitoring wells and piezometers, DPE wells, and GWCT, respectively. Note the duplicate sample was collected from MW-11 and both the trip blanks and the rinse blank were non-detect for VOCs. 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 guidance values in New York Code, Rules, and Regulations (NYCRR), Title 6, Parts 702.15(a)(2) and 703.5. Note that in some cases the detection limits for certain VOCs were set above their respective RAO's due to dilution factors (high concentration of target analyte[s]). 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 January 2021

VOCs Detected in Groundwater	Concentration Range (micrograms per liter)	Number of Detections	RAO/NYCRR Exceedances
Vinyl Chloride	1.5 – 85,000	7	4
cis-1,2-Dichloroethene	1.1 – 46,000	7	4
Chloroethane	2.4 – 76	5	3
1,1-Dichloroethane	0.58 – 11	4	1
Toluene	4.3 – 600	3	2
Trichloroethane	0.85 – 1.4	3	0
Acetone	6.9 – 9.2	2	0
Methylene Chloride	740	1	1
Benzene	1.3	1	1
trans-1,2-Dichloroethene	3.6	1	0
2-Butanone	3.3	1	0
2-Hexanone	1.5	1	0

Twelve VOCs were detected in groundwater from monitoring wells and piezometers sampled above their associated detection limits during the monitoring period. Seven of the twelve VOCs detected

exceeded either the site-specific RAOs for groundwater or the NYCRR criteria. Note that acetone or methylene chloride, laboratory cleaning compounds, were detected in three of the nine samples. The occurrences of constituents of potential concern were detected primarily in the vicinity of the former on-site source area. VOC concentrations decrease significantly in the vicinity of the perimeter monitoring wells.

An electronic copy of the analytical laboratory data package for the January 2021 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 using the injectate Anaerobic BioChem and zero valent iron (ABC+®), the injection treatment in April/May 2015 using ABC+®, and the most recent injection treatment in November 2018 using ABC-Ole+® (ABC-Ole+® is a mixture of Anaerobic BioChem, zero valent iron, and emulsified fatty acids). For details of the injection programs, refer to the NYSDEC-approved 2014 Injection Pilot Test Work Plan dated November 6, 2014, the NYSDEC-approved 2015 addendum to the 2014 Injection Pilot Test Work Plan dated April 28, 2015, and the NYSDEC-approved 2018 Injection Pilot Test Work Plan dated October 31, 2018. A summary of the November 2018 injection program was included in the 2019 PRR (August 8, 2019).

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 programs. 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 six of the nine monitoring wells and piezometers sampled in January 2021 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, with a follow up injection of ABC-Ole+® in November 2018. 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 January 2021 groundwater data, there were three detection of TCE (MW-4 at 1.0 micrograms per liter (µg/L), MW-8R at 1.4 µg/L, and MW-16D at 0.85 µg/L) but well below the site-specific RAOs for groundwater. Note: there were detections of TCE in two of the eight DPE wells (DPE-3 and DPE-4), both wells exceeded the site-specific RAOs for groundwater; refer to **Table 4** for a summary of the DPE groundwater analytical data. It is important to note that the November 2014 injections were centered on MW-4 and MW-8R, while the April/May 2015 and November 2018 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. Based on the decreases in concentration of TCE at these locations, as well as other locations with historical detections of TCE, the previous injections appear to be contributing to the ongoing degradation of TCE. This is most clearly demonstrated on

the TCE trend plots in **Figures 6** through **9** for monitoring wells MW-4, MW-8R, MW-13S, and MW-16S.

Quarterly Combined DPE Remediation System Vapor Effluent Monitoring Activities – January 2021

AECOM personnel collected vapor effluent samples from the combined groundwater remediation system vapor discharge stacks on January 19, 2021. Summa canisters were used to collect the vapor samples from the permanent sample port located on the air stripper 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 Eurofins TestAmerica Laboratories, Inc., Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – January 2021

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**. Nine VOCs were detected in the AS unit effluent and seven VOCs were detected in the DPE vacuum pump effluent. The total VOCs discharged were 926 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 0.00057 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

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

- On December 14, 2020, AECOM and subcontractor Matrix Environmental Technologies, Inc. disassembled and cleaned the air stripper.
- On December 29, 2020, AECOM performed the hazardous waste transportation and disposal activity with subcontractor Heritage Environmental Services, LLC (HES); note hazardous waste consisted of bag filters from the DPE system and solids generated during routine O&M activities.

Based on a system operational period from October 7, 2020 (Fourth Quarter 2020 BSA compliance sampling event) to January 19, 2021 (First Quarter 2021 BSA compliance sampling event), the estimated total volume of groundwater (including potential water collected in the remediation building sump) treated and discharged by the AS unit to the local sanitary sewer was 205,690 gallons, at an average flow rate of 1.37 gallons per minute.

Summary

The combined DPE remediation system was fully operational during the First Quarter 2021 sampling event. TCE was not detected in site perimeter monitoring wells MW-2, MW-3, and MW-11. Following the November 2014 injection pilot test, and the subsequent April/May 2015 and November 2018 injection treatments, significant reductions in TCE concentrations have been measured at MW-4, MW-8R, MW-13S, and MW-16S.

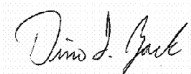
Based on the results of the January 2021 sampling event, the combined DPE remediation system continues to maintain hydraulic capture of the overburden groundwater. In addition, the system continues to make progress towards the reduction of the concentration of VOCs present in site soil

and groundwater. Vapor emissions produced by the system during the First Quarter 2021 event were well below the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event, the Second Quarter (annual) sampling event, is planned for April 2021; 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

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Project File 60538931

Tables

Table 1

**Proposed Groundwater Monitoring Schedule - April 2021 through January 2022
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Event Date	Number of Locations Scheduled for Sampling	Locations Scheduled for Sampling			
Comprehensive Annual Groundwater Monitoring					
April 2021	23	MW-2	MW-3	MW-4*^	MW-8R*
		MW-9	MW-11*	MW-13S*	MW-13D
		MW-14S	MW-14D	MW-15S	MW-15D
		MW-16S*^	MW-16D	DPE-1	DPE-2
		DPE-3	DPE-4	DPE-5	DPE-6
		DPE-7	DPE-8	GWCT	
Quarterly Groundwater Monitoring					
July 2021	18	MW-2	MW-3	MW-4	MW-8R
		MW-11	MW-13S	MW-13D	MW-16S
		MW-16D	DPE-1	DPE-2	DPE-3
		DPE-4	DPE-5	DPE-6	DPE-7
		DPE-8	GWCT		
October 2021	18	MW-2	MW-3	MW-4*	MW-8R*
		MW-11*	MW-13S*	MW-13D	MW-16S*
		MW-16D	DPE-1	DPE-2	DPE-3
		DPE-4	DPE-5	DPE-6	DPE-7
		DPE-8	GWCT		
January 2022	18	MW-2	MW-3	MW-4	MW-8R
		MW-11	MW-13S	MW-13D	MW-16S
		MW-16D	DPE-1	DPE-2	DPE-3
		DPE-4	DPE-5	DPE-6	DPE-7
		DPE-8	GWCT		

DPE-## - Dual Phase Extraction Well

GWCT - Groundwater Collection Trench

* - Locations to be included for MNA sampling

^ - Locations tentatively to be included for dechlorinating bacteria sampling

Table 2

**Quarterly Groundwater Monitoring Water Level Data - January 19, 2021
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	688.62	6.53	682.09
MW-3	687.05	8.73	678.32
MW-4	686.50	9.78	676.72
MW-8R	686.29	8.89	677.40
MW-9	689.57	12.14	677.43
MW-11	688.61	10.17	678.44
Nested Piezometers			
MW-13S	686.65	9.78	676.87
MW-13D	686.78	9.02	677.76
MW-14S	685.74	5.28	680.46
MW-14D	685.88	12.24	673.64
MW-15S	687.17	0.49	686.68
MW-15D	687.87	8.76	679.11
MW-16S	688.15	6.89	681.26
MW-16D	688.16	8.96	679.20
Remedial System			
GWCT Manhole (rim)	687.22	21.65	665.57

Notes:

TOC - Top of Casing

AMSL - Above Mean Sea Level

GWCT - Groundwater Collection Trench

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

Locations re-surveyed on February 23, 2016

Table 3

Summary of Monitoring Well Analytical Data - January 2021
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	Duplicate^	MW-13S	MW-13D	MW-16S	MW-16D
Date Collected	RAO/NYCRR	01/19/21	01/19/21	01/20/21	01/20/21	01/19/21	01/19/21	01/20/21	01/20/21	01/20/21	01/20/21
Lab Sample ID	Objective	480-180362-1	480-180362-2	480-180395-1	480-180395-2	480-180362-3	480-180362-4	480-180395-3	480-180395-4	480-180395-5	480-180395-6
Volatile Organic Compounds by Method 8260 (µg/L)											
1,1-Dichloroethane	5*	< 1.0 U	11	< 1.0 U	4.6	0.58 J	0.58 J	< 1.0 U	< 1.0 U	< 1,000 U	1.2
2-Butanone (MEK)	50	< 10 U	< 10 U	3.3 J	< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10,000 U	< 10 U
2-Hexanone	50	< 1.0 U	< 1.0 U	1.5 J	< 10 U	< 1.0 U	< 1.0 U	< 5.0 U	< 5.0 U	< 5,000 U	< 5.0 U
Acetone	50	< 10 U	< 10 U	6.9 J	9.2 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10,000 U	< 10 U
Benzene	1	< 1.0 U	< 1.0 U	1.3	< 2.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1,000 U	< 1.0 U
Chloroethane	5*	< 1.0 U	< 1.0 U	76	24	< 1.0 U	< 1.0 U	3.7	2.4	< 1,000 U	34
cis-1,2-Dichloroethene	5*	< 1.0 U	2.0	3.2	250	1.1	1.0	7.3	< 1.0 U	46,000	10
Methylene Chloride	5	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	740 J	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	4.3	13	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	600 J	< 1.0 U
Trichloroethene	5*	< 1.0 U	< 1.0 U	1.0	1.4 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1,000 U	0.85 J
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	3.6	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1,000 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	11	2.2	730	1.5	1.4	6.8	< 1.0 U	85,000	3.3
Total Volatile Organic Compounds	NL	0.0	24	100	1,036	3.2	3.0	17.8	2.4	131,600	48
Total Organic Carbon (mg/L)	NL	15.3	4.4	33.1	31.7	2.8	NS	7.3	6.2	227	2.9

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 1,1,1-Trichloroethane was not detected above the reporting limit.

^ - Duplicate collected at MW-11.

J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

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	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	07/22/19	10/14/19	01/06/20	04/06/20	07/22/20	10/13/20	01/20/21
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	480-156622-8	480-160839-8	480-165026-10	480-168383-8	480-172827-7	480-176470-5	480-180395-7
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	20 U	20 U	20 U	10 U	10 U	4.0 U
1,1-Dichloroethane	5*	69	130	10 U	21	20	5.0 U	2.8	2.4	67	10 U	78	94	120	100	10 U	3.2
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	20 U	20 U	20 U	10 U	10 U	4.0 U
1,2-Dichloroethane	0.6	10 U	20 U	10 U	1.1 J	20 U	5.0 U	1.0 U	1.0 U	1.0 U	10 U	20 U	20 U	20 U	10 U	10 U	4.0 U
2-Butanone (MEK)	50	140	200 U	100 U	24 J	200 U	50 U	10	33 J	58	100 U	200 U	72 U	91 J	100 U	32 J	83
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	100 U	100 U	100 U	50 U	50 U	20 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	20 U	20 U	20 U	10 U	10 U	4.0 U
Acetone	50	310	200 U	100 U	64	65 J	50 U	36	84	160	36 J	83 J	200 J	320	93 J	150	290
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	20 U	20 U	20 U	10 U	10 U	4.0 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	20 U	20 U	20 U	10 U	10 U	4.0 U
Chloroethane	5*	15	20 U	10 U	9.2	15 J	24	4.1	7.6	20	10 U	20 U	16 J	20 U	14	10 U	4.0 U
Chloromethane	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	20 U	20 U	20 U	10 U	10 U	4.0 U
cis-1,2-Dichloroethene	5*	71	130	10 U	25	16 J	12	2.4	5.3	58	10 U	73	90	140	120	10 U	4.4
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	24	20 U	20 U	10 U	12	8.1
Toluene	5*	18	29	10 U	5.7	20 U	3.8 J	0.74 J	3.6	14	10 U	13 J	13 J	19 J	18	10 U	4.0 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	20 U	20 U	20 U	10 U	10 U	4.0 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	20 U	20 U	20	13	10 U	4.0 U
Vinyl chloride	5*	15	31	10 U	6.8	20 U	5.0 U	1.0 U	1.1	15	10 U	20	25	35	32	10 U	4.0 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	40 U	40 U	40 U	20 U	20 U	8.0 U

Notes:

The DPE system was put back on line following the third quarter 2016 sampling event.

The injection of ABC+® occurred in November 2014 and April/May 2015.

The injection of ABC-Ole® with ZVI occurred in November 2018.

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-2	DPE-2	DPE-2	DPE-2	DPE-2	DPE-2	DPE-2	DPE-2	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	01/09/19	04/08/19	07/22/19	10/14/01	01/06/20	04/06/20	07/22/20	10/13/20	01/20/21
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	480-147748-18	480-151560-7	480-156622-1	480-160839-9	480-165026-11	480-168383-9	480-172827-8	480-176470-6	480-180395-8
Volatile Organic Compounds by Method 8260 (µg/L)																					
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	0.65 J	2.0 U	2.0 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	10 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 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	10 U	20 U	20 U	10 U	10 U	10 U	3.1 J	1.0 U	4.2 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	0.47 J	2.0 U	2.0 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	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5*	5.0 U	5.0 U	5.0 U	2.5	3.5 J	1.0 U	1.0 U	1.0 U	1.0 U	2.7	3.5	11	16	13	1.0 U	0.58 J	0.79 J	4.6	1.0 U	2.9
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	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	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	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	0.51 J	5.0 U	1.0 U	1.0 U	5.2	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 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	1.0 U	2.0 U	2.0 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	11	2.0 U	2.0 U	1.0 U	1.0 U	2.2	2.2	10	1.0 U

Notes:

The DPE system was put back on line following the third quarter 2016 sampling event.

The injection of ABC+[®] occurred in November 2014 and April/May 2015

The injection of ABC-Ole[®] with ZVI occurred in November 2018.

Bold font indicates the analyte was detected.

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* 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.

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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-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	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	04/13/18	07/12/18	10/25/18	01/09/19	04/08/19	10/14/19	01/06/20	04/06/20	07/22/20	10/13/20	DPE-3
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	480-134234-2	480-138781-8	480-144170-19	480-147748-19	480-151560-8	480-160839-1	480-165026-12	480-168383-10	480-172827-9	480-176470-7	480-180395-9
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	25 U	10 U	11	100 U	20 U	10 U	10 U	4.0 U	5.2	25 U	25 U
1,1-Dichloroethane	5*	42	24	20 U	5.0 U	10 U	5.0 U	20 U	14	92	34	25 U	15	88	180	18 J	10 U	10 U	4.6	8.7	18 J	25 U
1,1-Dichloroethene	5	26	3.1 J	20 U	5.0 U	10 U	5.0 U	20 U	20	53	11 J	25 U	3.5 J	38 J	100 U	20 U	10 U	10 U	4.0 U	1.6 J	25 U	25 U
2-Butanone (MEK)	50	100 U	610	220	50 U	100 U	50 U	200 U	10	200 U	1,000 U	250 U	100 U	100 U	1,000 U	200 U	100 U	100 U	250	40 U	250 U	250 U
Acetone	50	50 U	110	110 J	50 U	100 U	50 U	200 U	28	200 U	500 U	250 U	100 U	37 J	1,000 U	200 U	63 J	100 U	620	40 U	250 U	250 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	25 U	10 U	10 U	100 U	20 U	10 U	10 U	4.0 U	4.0 U	25 U	25 U
Chloroethane	5*	10 U	23	20 U	5.0 U	10 U	5.0 U	20 U	5.5	20 U	14 J	25 U	10 U	10 U	100 U	20 U	16	12	4.0 U	4.0 U	25 U	25 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	78	740	10,000	6,400	150	19	10 U	210	340	1,400	620
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	25 U	10 U	10 U	100 U	20 U	10	10 U	4.0 U	4.0 U	25	32
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	25 U	10 U	40	100 U	15 J	5.3 J	5.3 J	4.0 U	4.0 U	25 U	25 U
trans-1,2-Dichloroethene	5	10 U	10 U	20 U	5.0 U	10 U	5.0 U	20 U	68	22	19 J	25 U	10 U	11	100 U	20 U	10 U	10 U	4.0 U	4.0 U	25 U	25 U
Trichloroethene	5*	6,500	10 U	20 U	5.0 U	10 U	3.1 J	20 U	190	69	430	25 U	31	120	100 U	20 U	10 U	10 U	63	35	320	160
Vinyl chloride	5*	120	240	20 U	12	43	10	45	480	10,000	430	35	360	2,700	9,100	430	29	10 U	23	83	240	140

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
The injection of ABC-Ole[®] with ZVI occurred in November 2018.
Bold font indicates the analyte was detected.
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J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit; concentrations estimated.
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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-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	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	10/23/17	01/10/18	04/13/18	07/12/18	10/25/18	01/09/19	04/08/19	07/22/19	10/14/19	01/06/20	04/06/20	07/22/20	10/13/20
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	480-126420-8	480-12995-16	480-134234-4	480-138781-9	480-144170-20	480-147748-20	480-151560-9	480-156622-2	480-160839-2	480-165026-13	480-168383-11	480-172827-10	480-176470-8
Volatile Organic Compounds by Method 8260 (µg/L)																					
1,1,1-Trichloroethane	5*	10 U	10 U	100 U	400 U	1.0 U	100 U	20 U	50 U	50 U	10 U	10 U	1.0 U	8.0 U	1.2	3.0	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5*	8.1	130	450	400 U	2.5	100 U	20	22 J	50 U	10 U	8.4 J	1.0 U	8.0 U	10	9.8	14	12	6.3 J	10	10 U
1,1-Dichloroethene	5	10 U	30	460	400 U	1.0 U	100 U	17 J	34 J	50 U	10 U	7.0 J	1.0 U	8.0 U	1.0 U	0.51 J	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	0.6	10 U	2.2 J	100 U	400 U	1.0 U	100 U	20 U	50 U	50 U	10 U	10 U	0.65 J	15	1.0 U	1.0 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (MEK)	50	50 U	65 J	1,000 U	4,000 U	10 U	1,000 U	200 U	2,500 U	500 U	100 U	100 U	100 U	80 U	2.7 J	5.7 J	100 U	100 U	100 U	100 U	100 U
Acetone	50	50 U	46 J	1,000 U	4,000 U	6.9 J	1,000 U	200 U	1,300 U	190 J	100 U	100 U	10 U	80 U	5.9 J	16	100 U	100 U	100 U	61 J	34 J
Carbon Disulfide	60	10 U	3.4 J	100 U	400 U	2.1	100 U	20 U	50 U	50 U	10 U	10 U	1.0 U	8.0 U	0.96 J	0.36 J	10 U	10 U	10 U	10 U	10 U
Chloroethane	5*	10 U	49	110	400 U	4.6	100 U	8 J	50 U	50 U	10 U	10 U	1.0 U	8.0 U	2.5	2.6	10 U	10 U	10 U	8.1 J	10 U
Chloromethane	5	10 U	10 U	230	400 U	1.0 U	100 U	20 U	50 U	50 U	10 U	10 U	1.0 U	8.0 U	1.0 U	1.0 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	5*	510	30,000	130,000	25,000	130	4,300	4,400	6,000	2,100	320	2,600	29	48	28	130	87	92	310	870	490
Methylene Chloride	5	10 U	8.1 J	100 U	260 J	5.7 J	81 J	20 U	250 U	320	10 U	10 U	1.0 U	8.0 U	1.0 U	1.0 U	12	10 U	10 U	10 U	10
Toluene	5*	10 U	28	140	400 U	1.0 U	100 U	7 J	50 U	50 U	10 U	10 U	1.0 U	8.0 U	1.8	0.84 J	10 U	10 U	10 U	10 U	7.0 J
trans-1,2-Dichloroethene	5	10 U	36	100 U	400 U	1.0 U	100 U	76	50 U	50 U	10 U	10 U	1.0 U	8.0 U	1.1	1.4	10 U	10 U	10 U	10 U	10 U
Trichloroethene	5*	630	93	120	400	1.4	100 U	120	13 J	47 J	10 U	34	1.0 U	8.0 U	1.9	18	10 U	6.2	24	22	13
Vinyl chloride	5*	31	4,700	37,000	12,000	44	1,100	1,400	3,700	430	62	810	18	500	20	79	34	39	470	1,300	700

Notes:

The DPE system was put back on line following the third quarter 2016 sampling event.

The injection of ABC+® occurred in November 2014 and April/May 2015

The injection of ABC-Ole® with ZVI occurred in November 2018.

Bold font indicates the analyte was detected.

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

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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-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	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	01/09/19	04/08/19	07/22/19	10/14/19	01/06/20	04/06/20	07/22/20	10/13/20	01/20/21
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	480-147748-20	480-151586-8	480-156622-3	480-160839-3	480-165026-14	480-168383-12	480-172827-11	480-176470-9	480-180395-11
Volatile Organic Compounds by Method 8260 (µg/L)																							
1,1-Dichloroethane	5*	160	30	59	17	110	150	44	45	100	66	140	87	50 U	35	22	6.5	10 U	10 U	23	18	17	26
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	10 U	10 U	1.0 U	10 U	10 U	10 U	10 U	10 U	4.0 U
1,2-Dichloroethane	0.6	10 U	10 U	10 U	10 U	9.3 J	50 U	20 U	8.0 U	1.0 U	10 U	40 U	50 U	50 U	10 U	10 U	1.0 U	10 U	10 U	10 U	10 U	10 U	4.0 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	20 J	39 J	54	100 U	100 U	100 U	100 U	100 U	40 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	50 U	50 U	5.8	50 U	50 U	50 U	50 U	50 U	20 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	10 U	10 U	1.0	10 U	10 U	10 U	10 U	10 U	4.0 U
Acetone	50	120	240	340	120	180	160 J	200 U	200	25 U	90 J	120 J	500 U	500 U	40 J	91 J	160	32 J	100 U	53 J	33 J	100 U	51
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	10 J	10 J	1.0	10 U	10 U	10 U	10 U	10 U	4.0 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	3.1 J	10 U	1.5	10 U	10 U	10 U	10 U	10 U	4.0 U
Chloroethane	5*	46	51	81	87	120	130	38	60	84	80	150	100	50 U	32	68	86	53	46	57	83	63	55
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	830	230	52	10 U	10 U	670	250	110	44
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	10 U	10 U	1.0 U	9.1 J	10 U	10 U	10 U	6.6 J	4.0 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	6.4 J	6.6 J	5.5	10 U	10 U	10 U	10 U	10 U	5.0
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	10	10 U	2.1	10 U	10 U	10 U	10 U	10 U	4.0 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	8.5 J	6.2 J	4.9	10 U	10 U	10 U	10 U	10 U	4.0 U
Vinyl chloride	5*	71	180	170	71	1,600	6,400	570	190	1,600	250	2,200	1,700	660	410	39	53	10 U	10 U	490	390	430	47
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	20 U	20 U	3.4	20 U	20 U	20 U	20 U	20 U	8.0 U

Notes:
The DPE system was put back on line following the third quarter 2016 sampling event.
The injection of ABC+[®] occurred in November 2014 and April/May 2015
The injection of ABC-Ole[®] with ZVI occurred in November 2018.
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-6	DPE-6	DPE-6	DPE-6	DPE-6	DPE-6	DPE-6	DPE-6	DPE-6	DPE-6
Date Collected	RAO/ NYCRR	10/25/18	01/09/19	04/08/19	07/22/19	10/14/19	01/06/20	04/06/20	07/22/20	10/13/20	01/20/21
Lab Sample ID	Objective	480-144170-4	480-147748-20	480-151586-4	480-156622-4	480-160839-4	480-165026-15	480-168383-13	480-172827-12	480-176470-10	480-180395-12
Volatile Organic Compounds by Method 8260 (µg/L)											
1,1-Dichloroethane	5*	700	13	5.9	0.81 J	1.0 U	1.0 U	0.44 J	0.41 J	20 U	1.0 U
1,1-Dichloroethene	5	47 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U
2-Butanone (MEK)	50	380	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	10 U
4-Methyl-2-pentanone (MIBK)	NL	42 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	100 U	5.0 U
Acetone	50	1,700	10 U	10 U	10 U	10 U	10 U	10 U	15	20 U	10 U
Carbon Disulfide	60	20 U	1.0 U	1.0 U	0.20 J	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U
cis-1,2-Dichloroethene	5*	310	7.2	4.3	1.0	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Methylene Chloride	5	12 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	15 J	1.0 U
Toluene	5*	13 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Trichloroethene	5*	17 J	1.3	1.1	0.51 J	1.0 U	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Vinyl chloride	5*	180	3.3	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	40 U	1.0 U

Notes:

The DPE system was put back on line following the third quarter 2016 sampling event.

The injection of ABC+[®] occurred in November 2014 and April/May 2015

The injection of ABC-Ole[®] with ZVI occurred in November 2018.

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-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	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	01/09/19	04/08/19	07/22/19	10/14/19	01/06/20	04/06/20	07/22/20	10/13/20	01/20/21
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	480-147748-5	480-151586-5	480-156622-5	480-160839-5	480-165026-16	480-168383-14	480-172827-13	480-176470-11	480-180395-13
Volatile Organic Compounds by Method 8260 (µg/L)																							
1,1-Dichloroethane	5*	460	250	390	63	20 U	91	120	45	67	10 U	65	28	10 U	2.0 U	1.8 J	0.88 J	40 U	40 U	120	91	67	1.0 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	2.0 U	2.0 U	2.0 U	40 U	40 U	40 U	10 U	10 U	1.0 U
1,2-Dichloroethane	0.6	10 U	20 U	20 U	20 U	20 U	20 U	0.41 J	20 U	1.0 U	10 U	20 U	10 U	10 U	7.7	2.0 U	2.0 U	40 U	40 U	40 U	10 U	10 U	1.0 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	25	11 J	21	400 U	400 U	400 U	100 U	100 U	10 U
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	6.9 J	10 U	6.2 J	200 U	200 U	200 U	50 U	50 U	5.0 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	23	17 J	38	400 U	400 U	400 U	100 U	100 U	10 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	2.0 U	2.0 U	2.0 U	40 U	40 U	40 U	10 U	10 U	1.0 U
Chloroethane	5*	11	27	260	260	110	530	360	450	340	340	390	320	190	120	87	28	40 U	30	450	350	300	82
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	56	25	12	40 U	40 U	83	35	45	0.96 J
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	2.0 U	2.0 U	2.0 U	66	40 U	40 U	7.1 J	8.9 J	1.0 U
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	2.8	2.2	1.7	40 U	40 U	40 U	6.2 J	6.7 J	1.3
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	2.0 U	2.0 U	2.0 U	40 U	40 U	40 U	10 U	10 U	1.0 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	5.1	2.5	2.2	40 U	40 U	40 U	5.6 J	10 U	1.0 U
Vinyl chloride	5*	580	470	780	300	40 U	50	270	110	25	20 U	59	130	20 U	23	4.0	3.8	80 U	80 U	1,400	370	950	6.4

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
The injection of ABC-Ole[®] with ZVI occurred in November 2018.
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	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	01/09/19	04/09/19	07/22/19	10/14/19	01/06/20	04/06/20	07/22/20	10/13/20	01/20/21
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	480-147748-7	480-151586-8	480-156622-5	480-160839-6	480-165026-17	480-168383-15	480-172827-14	480-176470-12	480-180395-14
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	20 U	20 U	20 U	20 U	20 U	99	60	69	10 U
1,1-Dichloroethane	5*	140	590	58	22	130	50 U	310	4.4	50	71	28	330	240	160	54	20 U	20 U	47	35 J	48	30
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	54	9.1 J	20 U	20 U	20 U	18 J	50 U	16	10 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	200 U	100 U	100 U	100 U	100 U	200 U	500 U	100 U	100 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	200 U	200 U	70 J	200 U	200 U	200 U	500 U	100 U	100 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	20 U	20 U	20 U	20 U	20 U	20 U	50 U	10 U	10 U
Chloroethane	5*	50 U	54	44	12	40 U	50 U	100 U	1.8	22	30	20 U	62	20 U	110	53	20 U	7.0 J	14 J	50 U	20	10 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	10,000	850	430	20 U	20 U	3,000	2,600	3,000	450
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	20 U	20 U	20 U	20 U	20 U	20 U	50 U	10	10 U
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	21	11 J	20 U	20 U	20 U	20 U	50 U	5.1 J	10 U
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	27	24	20 U	20 U	20 U	20 U	50 U	10 U	10 U
Trichloroethene	5*	230	92	5.4	8.4	98	36 J	100 U	6.6	11 J	65 J	40	20 U	13 J	20 U	20 U	20 U	20 U	220	50 U	87	10 U
Vinyl chloride	5*	1,400	1,700	110	140	920	480	2,300	1.0 U	410	480	120	1,800	2,800	710	370	40 U	40 U	360	260	890	380

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
The injection of ABC-Ole[®] with ZVI occurred in November 2018.
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	GWCT Manhole 04/20/17 480-116720-15
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	1.3	0.7	< 1.0 U	0.4 J	< 1.0 U	< 1.0 U	< 1.0 U	0.74 J
2-Butanone (MEK)	50	2.4 J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U
Acetone	50	7.0 J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U
Carbon disulfide	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroethane	5*	< 1.0 U	< 1.0 U	62	44	70	34	45	26
Chlormethane	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
cis-1,2-Dichloroethene	5*	1.1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.74 J
Ethylbenzene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	0.99 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Xylenes, Total	5*	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	12.8	0.7	63	44	70	34	45	27

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 07/11/17 480-121042-15	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	GWCT Manhole 01/09/19 480-147748-15	GWCT Manhole 04/08/19 480-151586-12
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1-Dichloroethane	5*	< 1.0 U	< 1.0 U	< 1.0 U	0.52 J	< 1.0 U	< 1.0 U	0.38 J	0.48 J
2-Butanone (MEK)	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Acetone	50	< 10 U	< 10 U	< 10 U	10 J	< 10 U	< 10 U	< 10 U	< 10 U
Carbon disulfide	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.20 J
Chloroethane	5*	65	45	64	53	49	38	28	48
Chlormethane	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
cis-1,2-Dichloroethene	5*	< 1.0 U	< 1.0 U	5.1	< 1.0 U	< 1.0 U	< 1.0 U	0.93 J	1.20
Ethylbenzene	5	< 1.0 U	0.19 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	0.25 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.80 J	0.60 J
trans-1,2-Dichloroethene	5	< 1.0 U	0.34 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	1.4
Xylenes, Total	5*	< 2.0 U	0.67 J	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	65	45	69	64	49	38	30	52

Table 5

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

Sample ID	Groundwater RAO/ NYCRR	GWCT Manhole 07/23/19	GWCT Manhole 10/14/19	GWCT Manhole 01/06/20	GWCT Manhole 04/06/20	GWCT Manhole 07/22/20	GWCT Manhole 10/13/20	GWCT Manhole 01/20/21
Lab Sample ID	Objective	480-156622-7	480-160839-7	480-165026-18	480-168383-16	480-172827-15	480-176470-13	480-180395-15
Volatile Organic Compounds by Method 8260 (µg/L)								
1,1-Dichloroethane	5*	< 1.0 U	< 1.0 U	0.5 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2-Butanone (MEK)	50	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Acetone	50	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Carbon disulfide	1	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Chloroethane	5*	48	28	34	52	37	34	24
Chloromethane	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.42 J	< 1.0 U	< 1.0 U
cis-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
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	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	1.2 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	48	28	34	52	39	34	24

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 - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

U - Not detected at or above reporting limit.

NA - Not applicable

Table 6

Summary of Trichloroethene Concentrations Following November 2014 Injection Pilot Study
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	Jan 2019	April 2019	July 2019	Oct 2019	Jan 2020	Apr 2020	July 2020	Oct 2020	Jan 2021	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	<1	<1	<2	<1	<1	<1	<1	<2	<1	ND	ND
MW-3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<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	5.2	2.1	2.6	<4	<4	<4	<4	<4	1.0	Increase	99.99%
MW-6 ⁽²⁾	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	9.9	<40	<8	<10	<10	<2	<4	<2	1.4	Increase	99.93%
MW-10 ⁽²⁾	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW- 11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	ND	ND
MW-12 ⁽²⁾	NS	<1	<1	<1	<1	<5	<5	<1	<4	<1	<1	<1	<1	<4	<5	NS	NS	NS	NS	NS	NS	NS	NS	NS	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	<40	0.7	NS	NS	0.64	<1	<1	0.60	<1	ND	ND
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	550	<1,000	<2,500	<1,000	<1,000	<1	<1,000	<1,000	<1,000	ND	ND

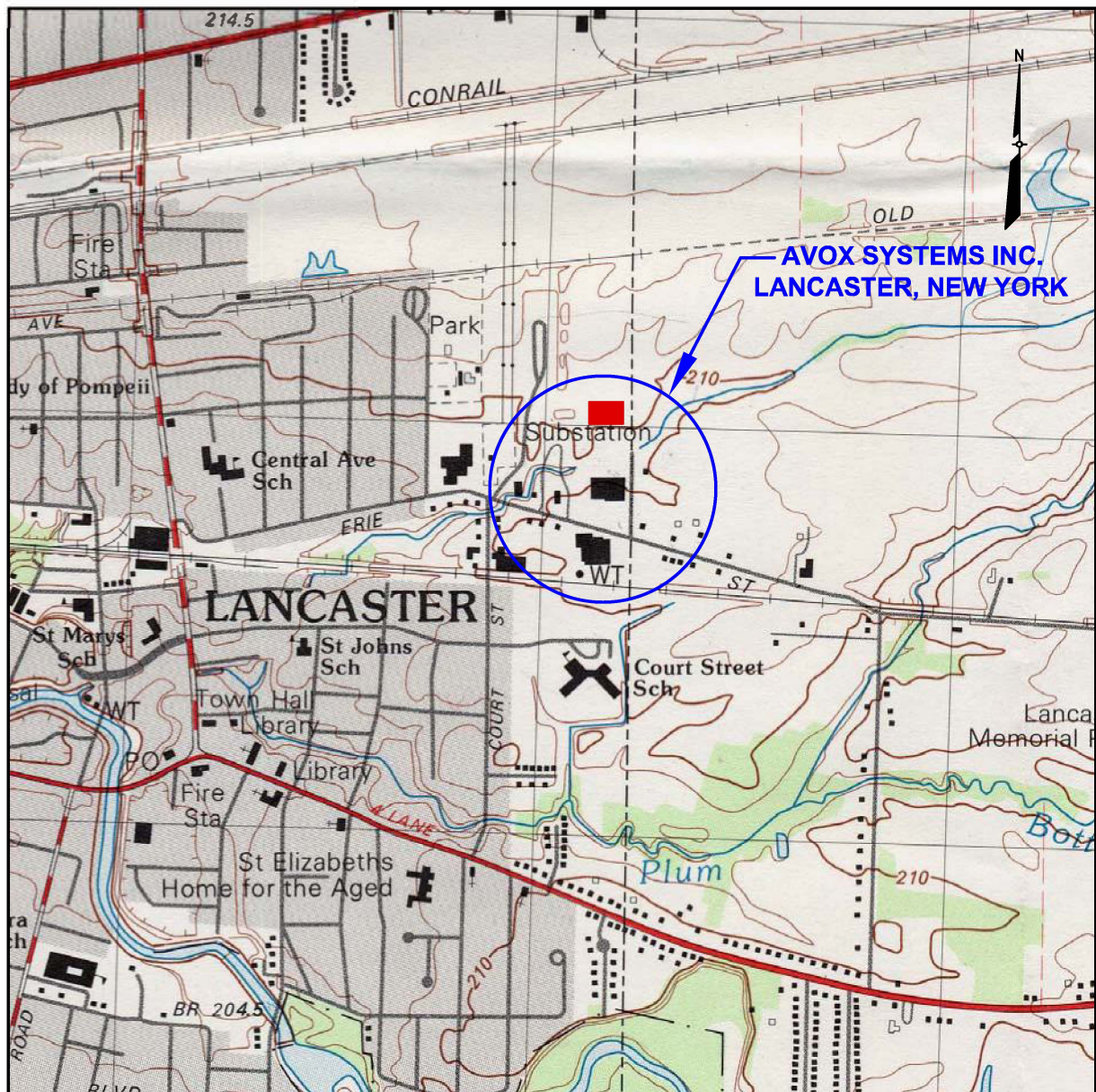
Notes:
(1) New baseline established following November 2014 injection pilot study.
(2) Well was decommissioned.
The injection of ABC+® occurred in November 2014 and April/May 2015.
The injection of ABC-Ole® with ZVI occurred in November 2018.
ND - Not Detected
NA - Not Available
NS - Not Sampled

Table 7

Vapor Monitoring Results - January 2021
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID: Sample Date:	LRP Effluent 1/19/2021	AS Effluent 1/19/2021
<u>VOCs by Method TO-15 (µg/m³)</u>		
1,1-Dichloroethane	7.4	0.85
1,2-Dichloroethene, Total	400	4.4
Benzene	- U	0.72
Carbon disulfide	10	- U
Chloroethane	15	71
Chloromethane	- U	1.3
Methyl Ethyl Ketone	8.2	- U
n-Hexane	- U	0.78
Toluene	- U	2.1
Trichlorofluoromethane	- U	1.4
Trichloroethene	21	- U
Vinyl chloride	380	0.99
Total Detected VOCs (µg/m³)	842	84
Vacuum (inches Hg)	25	5.5
Air Flow Rate (acfm)	150	307
VOC discharge loading (lb/hr)	0.000473	0.000096
Total VOC discharge loading (lb/hr)	0.000569	
Notes: 1. µg/m³ = micrograms per cubic meter 2. acfm = actual cubic feet per minute 3. Hg = Mercury 4. lb/hr = pounds per hour 5. LRP Effluent represents the untreated vapor discharge for the Liquid Ring Pump. 6. 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

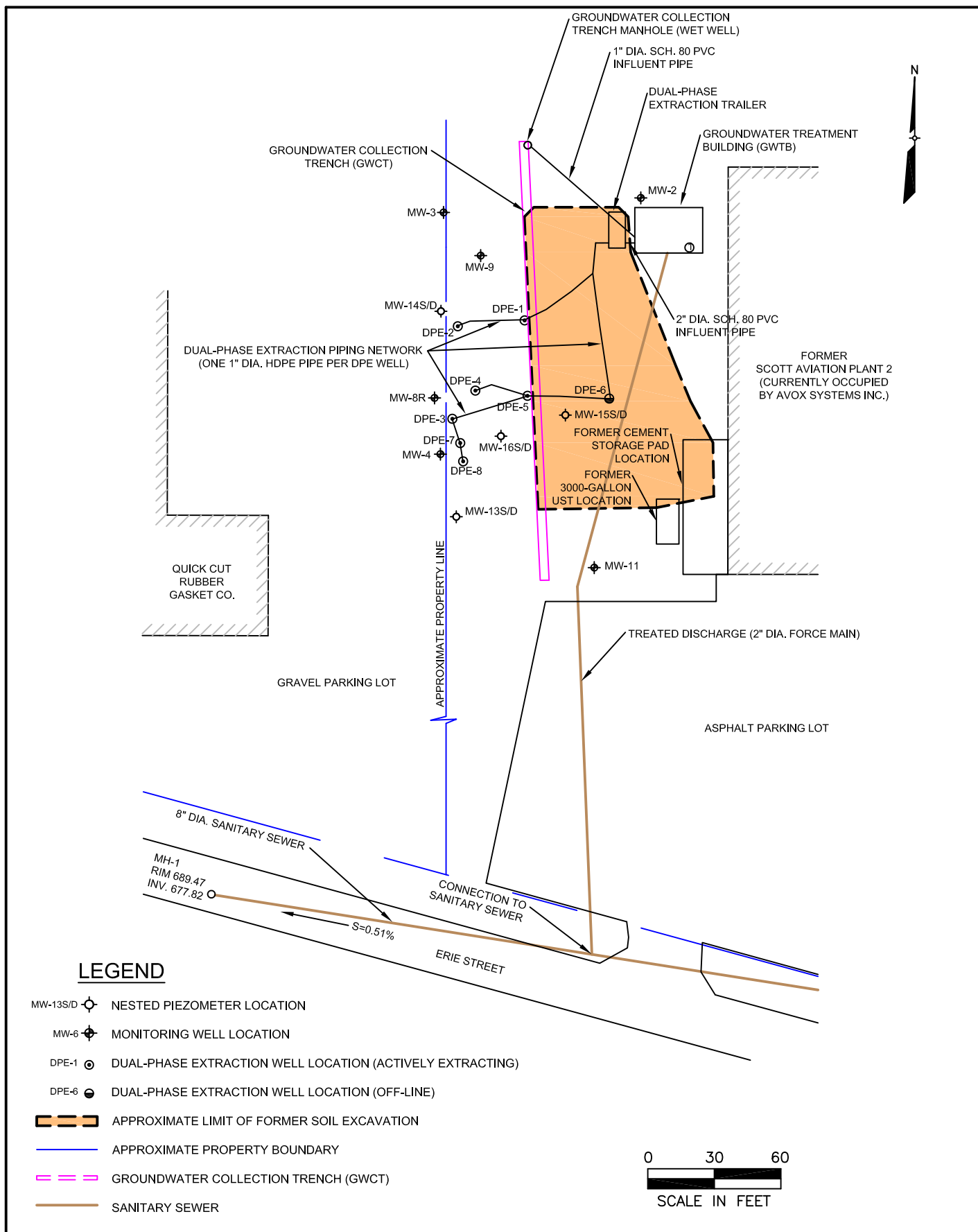
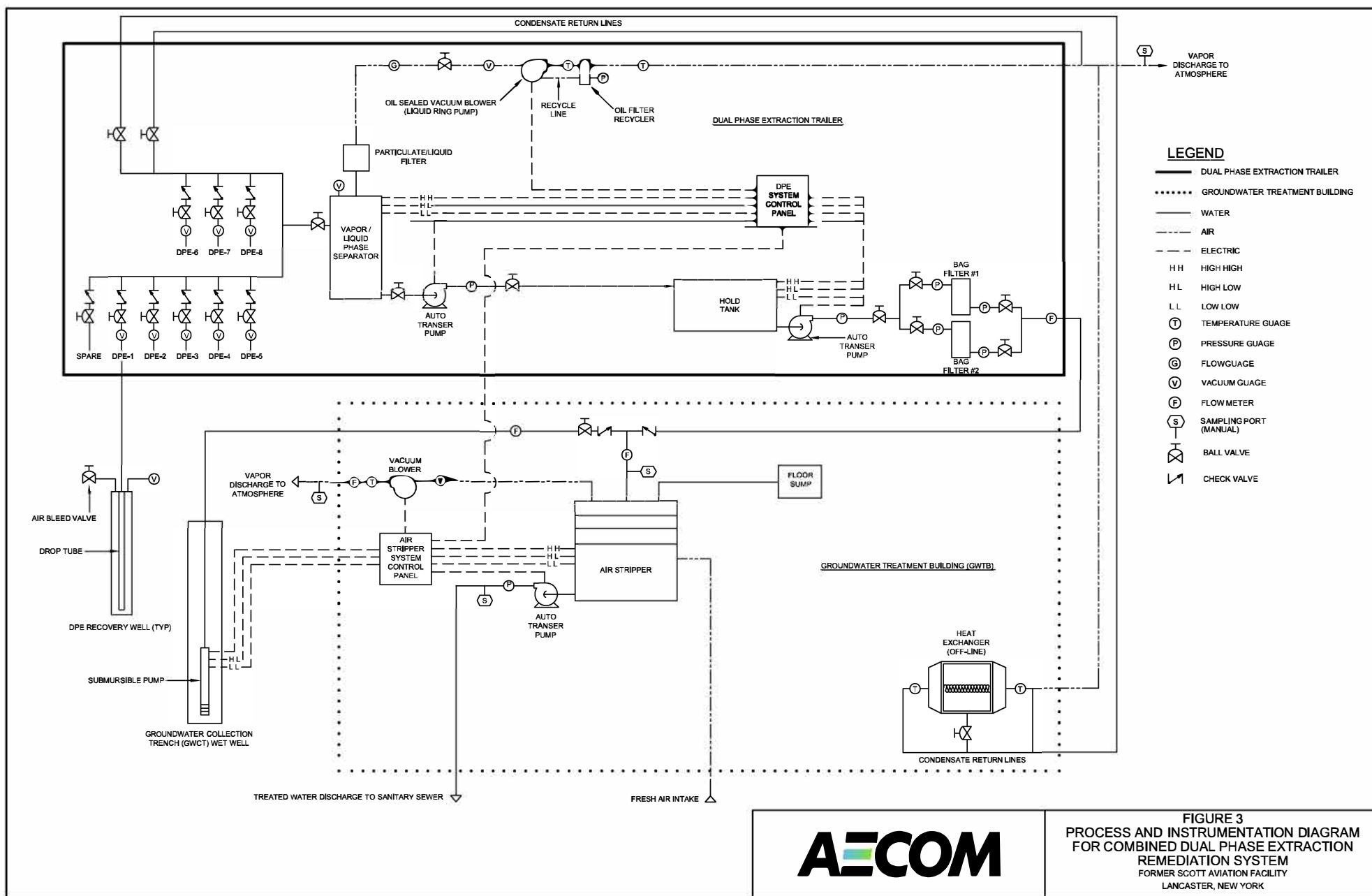


FIGURE 2
SITE FEATURES MAP

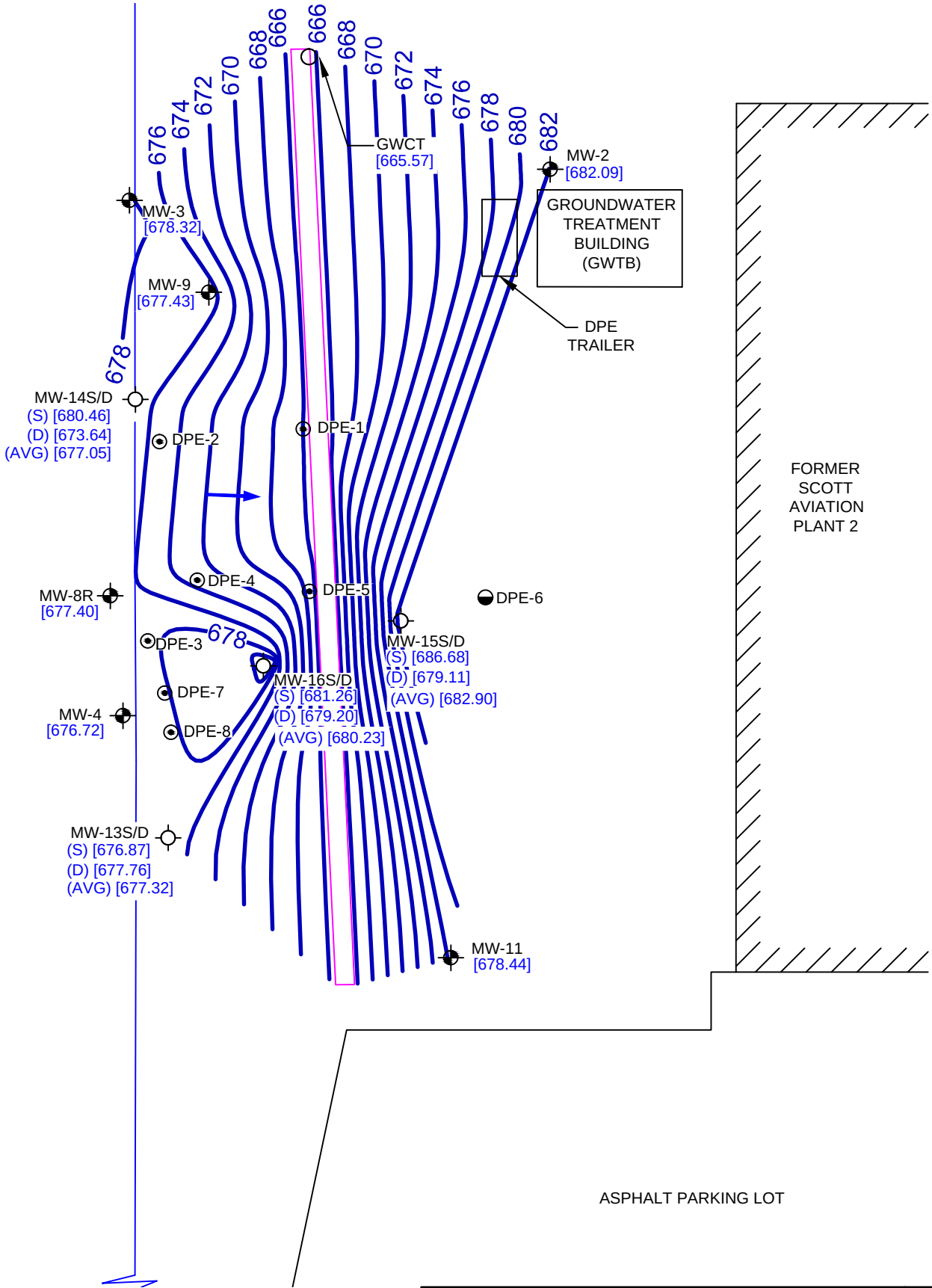
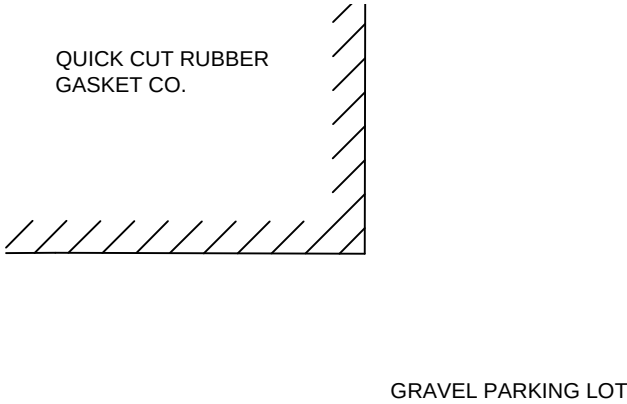
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



Quarterly Groundwater Monitoring Water Level Data - January 19, 2021
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	688.62	6.53	682.09
MW-3	687.05	8.73	678.32
MW-4	686.50	9.78	676.72
MW-8R	686.29	8.89	677.40
MW-9	689.57	12.14	677.43
MW-11	688.61	10.17	678.44
Nested Piezometers			
MW-13S	686.65	9.78	676.87
MW-13D	686.78	9.02	677.76
MW-14S	685.74	5.28	680.46
MW-14D	685.88	12.24	673.64
MW-15S	687.17	0.49	686.68
MW-15D	687.87	8.76	679.11
MW-16S	688.15	6.89	681.26
MW-16D	688.16	8.96	679.20
Remedial System			
GWCT Manhole (rim)	687.22	21.65	665.57

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
GWCT - Groundwater Collection Trench
GWCT is 200 feet long with a 0.01 foot/foot slope to the collection manhole
Locations re-surveyed on February 23, 2016



LEGEND

MW-13S/D

NESTED PIEZOMETER LOCATION

MW-9

MONITORING WELL LOCATION

DPE-6

DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)

DPE-1

DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)

[678.44]

GROUNDWATER SURFACE ELEVATION IN FEET AMSL

678

ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET AMSL

GROUNDWATER FLOW DIRECTION

(S)

SHALLOW PIEZOMETER/DPE

(D)

DEEP PIEZOMETER/DPE

GROUNDWATER COLLECTION TRENCH (GWCT)

APPROXIMATE PROPERTY BOUNDARY

- NOTES
1.

GROUNDWATER ELEVATIONS WERE AVERAGED AT SHALLOW AND DEEP PIEZOMETER PAIR LOCATIONS (e.g. MW-15S/D) TO COMPARE TO ELEVATIONS MEASURED IN WELLS SCREENED ACROSS THE ENTIRE OVERBURDEN THICKNESS.
2.

GROUNDWATER WATER LEVELS WERE COLLECTED ON JANUARY 19, 2021.



FIGURE 4
AVERAGE GROUNDWATER ELEVATIONS
JANUARY 19, 2021

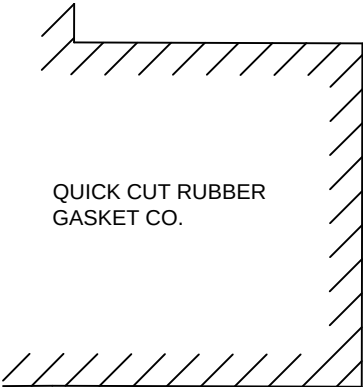
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



Quarterly Groundwater Monitoring Water Level Data - January 19, 2021
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

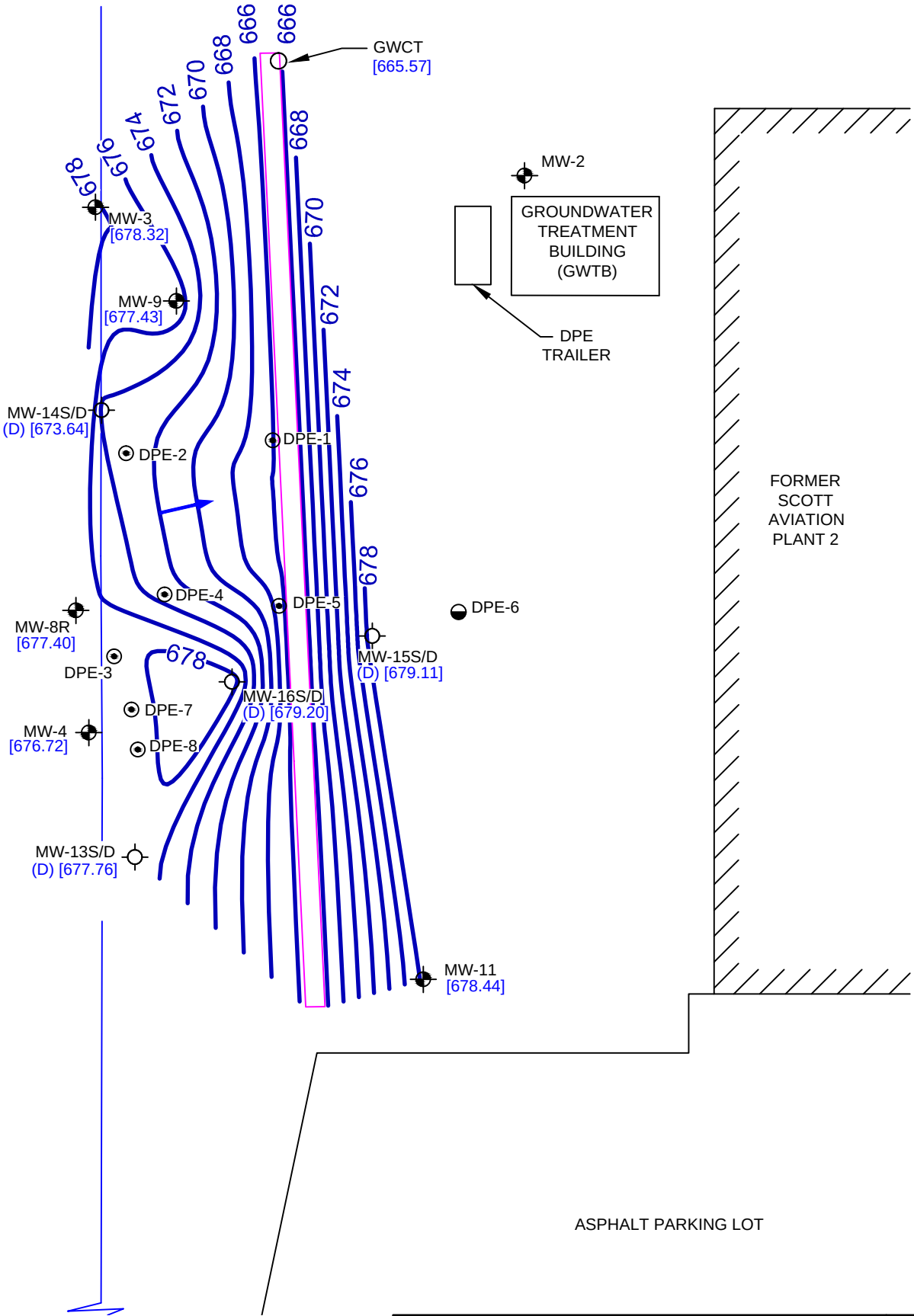
Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	688.62	6.53	682.09
MW-3	687.05	8.73	678.32
MW-4	686.50	9.78	676.72
MW-8R	686.29	8.89	677.40
MW-9	689.57	12.14	677.43
MW-11	688.61	10.17	678.44
Nested Piezometers			
MW-13S	686.65	9.78	676.87
MW-13D	686.78	9.02	677.76
MW-14S	685.74	5.28	680.46
MW-14D	685.88	12.24	673.64
MW-15S	687.17	0.49	686.68
MW-15D	687.87	8.76	679.11
MW-16S	688.15	6.89	681.26
MW-16D	688.16	8.96	679.20
Remedial System			
GWCT Manhole (rim)	687.22	21.65	665.57

Notes:
TOC - Top of Casing
AMSL - Above Mean Sea Level
GWCT - Groundwater Collection Trench
GWCT is 200 feet long with a 0.01 foot/foot slope to the collection 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-6 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- DPE-1 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- [678.44] GROUNDWATER SURFACE ELEVATION IN FEET AMSL
- 678 ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET AMSL
- GROUNDWATER FLOW DIRECTION
- (S) SHALLOW PIEZOMETER/DPE
- (D) DEEP PIEZOMETER/DPE
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY PROPERTY BOUNDARY

NOTES

- GROUNDWATER ELEVATIONS WERE AVERAGED AT SHALLOW AND DEEP PIEZOMETER PAIR LOCATIONS (e.g. MW-15S/D) TO COMPARE TO ELEVATIONS MEASURED IN WELLS SCREENED ACROSS THE ENTIRE OVERBURDEN THICKNESS.
- GROUNDWATER WATER LEVELS WERE COLLECTED ON JANUARY 19, 2021.

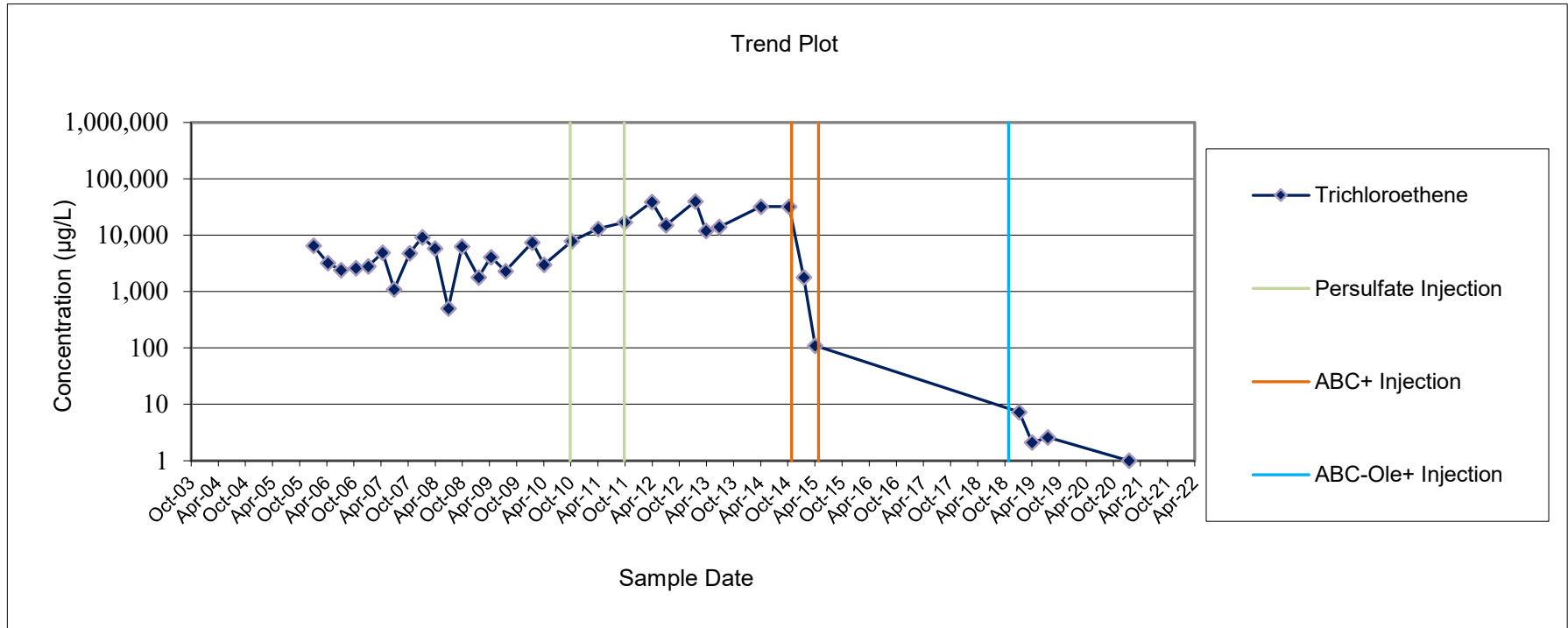


AECOM

FIGURE 5
DEEP GROUNDWATER ELEVATIONS
JANUARY 19, 2021

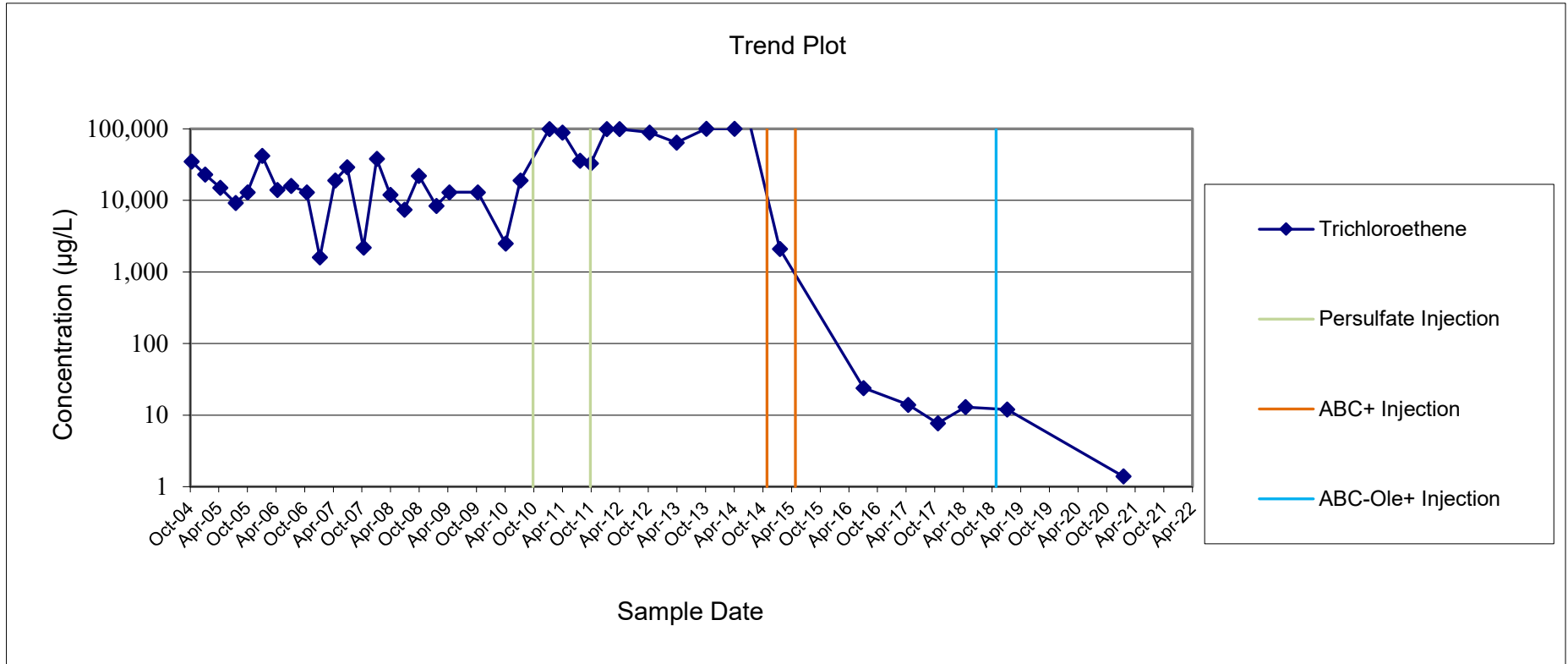
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

FIGURE 6
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.

FIGURE 7
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.

FIGURE 8
MONITORING WELL MW-13S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

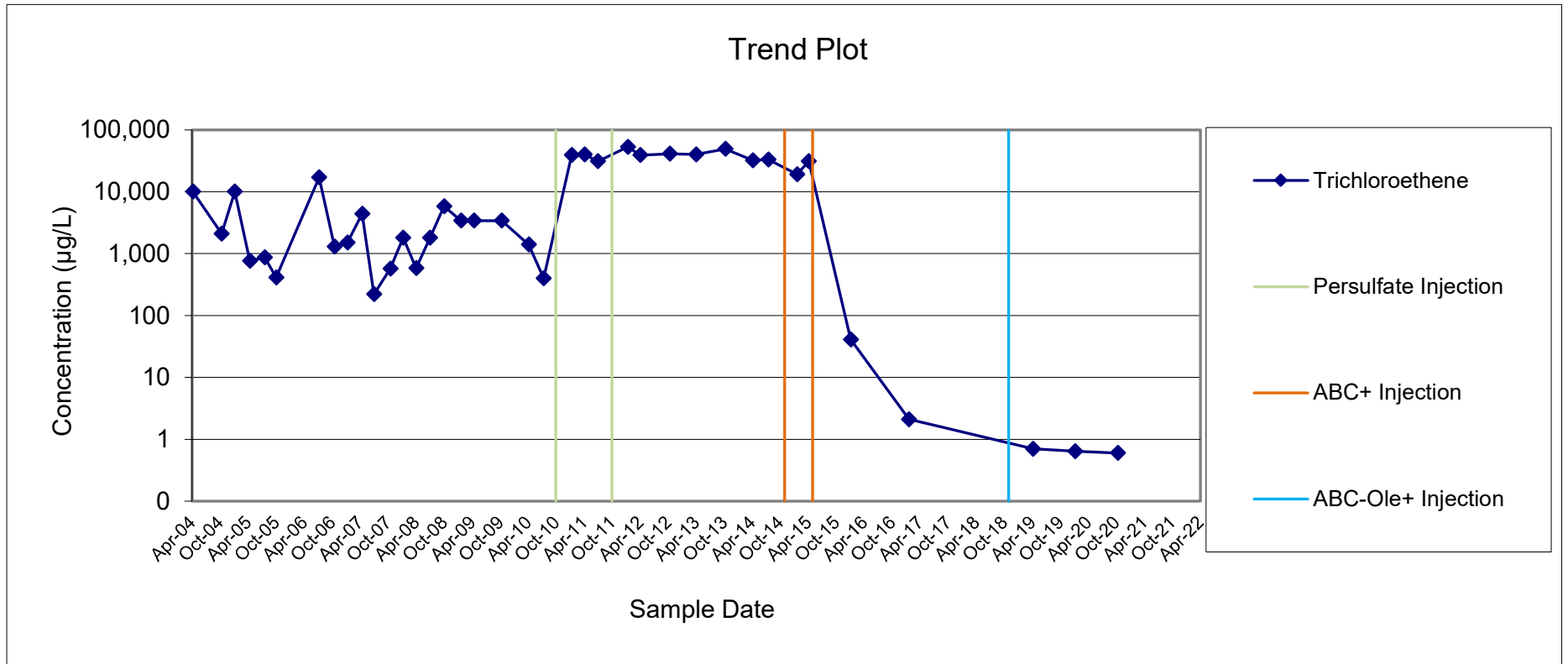
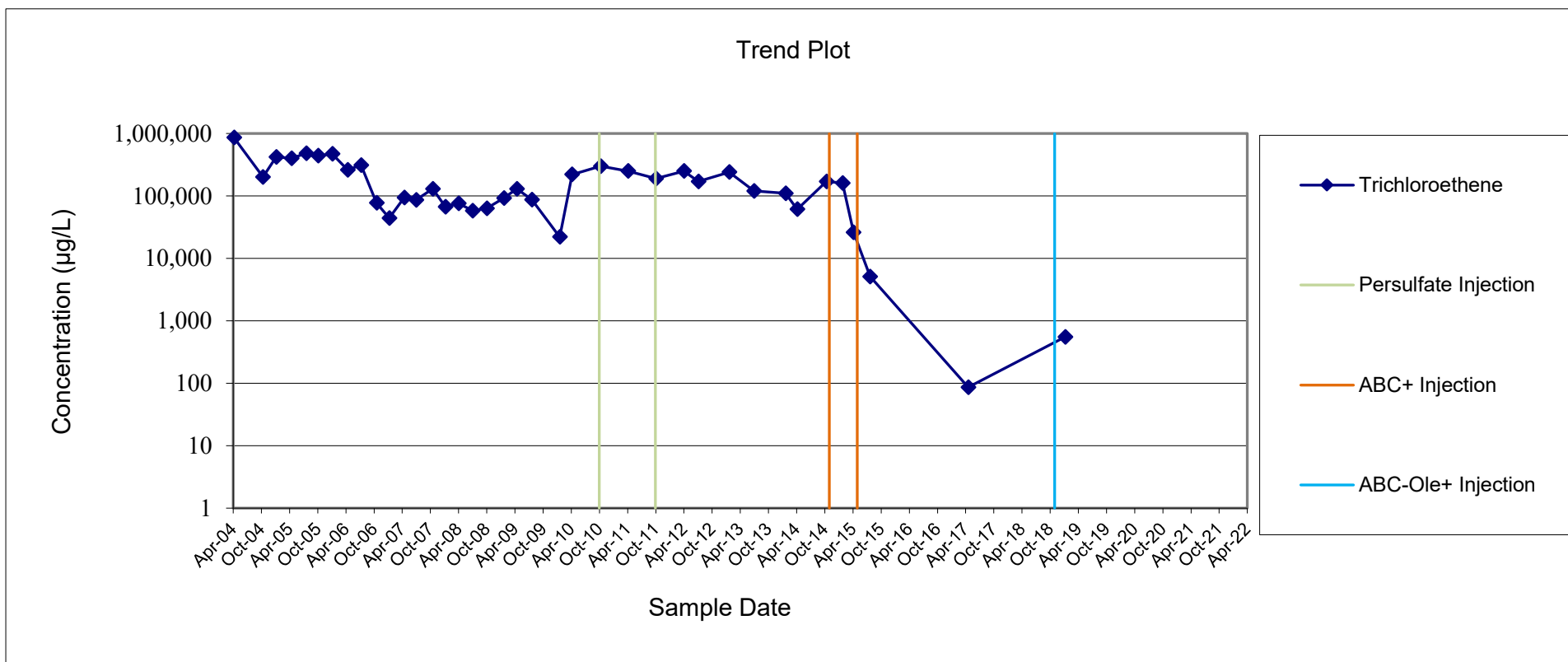


FIGURE 9
MONITORING WELL MW-16S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



TCE has not been detected since January 2019.

Appendix A

January 2021 Field Forms

Date (mo/day/yr) 1/19/2021

Field Personnel T. Ye

Site Name Former Scott Aviation Site - Lancaster, NY

Job # 60538931

Well ID # MW-2

☒ Upgradient ☐ Downgradient

Weather Conditions Light Snow/Partly Cloudy

Air Temperature 30

Total Depth (TWD) Below Top of Casing = 16.00 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 6.46 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 9.54 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 1.6 gal

3 Casing Volumes = 4.7 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 5.0 gal

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 688.62 1/100 ft

Height of Riser (above land surface) 3.32 1/100 ft

Land Surface Elevation 685.3 1/100 ft

Screened Interval (below land surface) 7-17 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	2	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	300	300	300	300	300	250	300	
Time (Military)	13:50	13:55	14:03	14:08	14:13	14:18	14:24	
Depth to Groundwater Below Top of Casing (ft)	9.06	9.35	32.68	9.94	10.17	10.33	10.70	
Drawdown (ft)	2.60	2.89	26.22	3.48	3.71	3.87	4.24	
pH (S.U.)	6.78	6.72	6.67	6.69	6.71	6.70	6.71	
Sp. Cond. (uS/cm)	0.399	0.409	0.421	0.425	0.425	0.431	0.429	
Turbidity (NTUs)	17.50	18.70	11.10	8.97	11.96	37.30	12.54	
Dissolved Oxygen (mg/L)	2.28	1.71	1.47	1.32	1.23	2.28	3.05	
Water Temperature (°C)	9.37	9.34	9.52	9.49	9.43	9.46	8.88	
ORP (mV)	24.7	13.9	2.9	-5.2	-14.9	-16.2	-20.6	

Physical appearance at start Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS

Begin purge at 1350

Begin sampling at 1424

Date (mo/day/yr) 1/19/2021

Field Personnel T. Ye

Site Name Former Scott Aviation Site - Lancaster, NY

Job # 60538931

Well ID # MW-3

 Upgradient X Downgradient

Weather Conditions Light Snow/Partly Cloudy

Air Temperature 30

Total Depth (TWD) Below Top of Casing = 28.00 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 8.60 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 19.4 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 3.2 gal

3 Casing Volumes = 9.5 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 5.0 gal

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 687.05 1/100 ft

Height of Riser (above land surface) 1.15 1/100 ft

Land Surface Elevation 685.9 1/100 ft

Screened Interval (below land surface) 7.5 - 27.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	2	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	500	300	275	225			
Time (Military)	15:15	15:20	15:25	15:30			
Depth to Groundwater Below Top of Casing (ft)	10.17	11.22	11.98	12.76			
Drawdown (ft)	1.57	2.62	3.38	4.16			
pH (S.U.)	7.14	7.08	8.52	8.26			
Sp. Cond. (uS/cm)	0.498	0.504	0.504	0.501			
Turbidity (NTUs)	35.00	27.10	20.90	16.80			
Dissolved Oxygen (mg/L)	1.40	1.30	1.23	1.22			
Water Temperature (°C)	8.87	8.76	8.59	8.25			
ORP (mV)	19.3	16.4	14.2	14.6			

Physical appearance at start Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS

Begin purge at 1515

Begin sampling 1530

Date (mo/day/yr) 1/20/2021

Field Personnel T. Ye

Site Name Former Scott Aviation Site - Lancaster, NY

Job # 60538931

Well ID # MW-4

 Upgradient X Downgradient

Weather Conditions Light Snow/Partly Cloudy

Air Temperature 25

Total Depth (TWD) Below Top of Casing = 26.00 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 9.78 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 16.22 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 2.6 gal

3 Casing Volumes = 7.9 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 2.5 gal

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 686.5 1/100 ft

Height of Riser (above land surface) -0.39 1/100 ft

Land Surface Elevation 686.89 1/100 ft

Screened Interval (below land surface) 15.5 - 25.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	2	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	300	300	200	175	175	150	150	
Time (Military)	8:28	8:33	8:38	8:43	8:48	8:53	8:58	
Depth to Groundwater Below Top of Casing (ft)	11.61	12.96	13.06	12.47	12.76	12.80	12.80	
Drawdown (ft)	1.83	3.18	3.28	2.69	2.98	3.02	3.02	
pH (S.U.)	7.26	7.25	7.23	7.11	7.24	7.27	7.27	
Sp. Cond. (uS/cm)	1.214	1.240	1.187	1.174	1.185	1.171	1.209	
Turbidity (NTUs)	7.93	11.60	10.61	8.82	10.50	11.50	11.50	
Dissolved Oxygen (mg/L)	2.76	2.43	2.45	2.09	1.83	1.63	1.72	
Water Temperature (°C)	9.77	9.30	8.03	7.41	7.43	6.90	7.14	
ORP (mV)	-64.7	-119.1	-124.2	-130.9	-135.2	-139.7	-144	

Physical appearance at start Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS

Begin purge at 0828

Begin sampling at 0858

Date (mo/day/yr) 1/20/2021

Field Personnel T. Ye

Site Name Former Scott Aviation Site - Lancaster, NY

Job # 60538931

Well ID # MW-8R

 Upgradient X Downgradient

Weather Conditions Light Snow/Partly Cloudy

Air Temperature 25

Total Depth (TWD) Below Top of Casing = 22.03 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 7.87 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 14.16 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 2.3 gal

3 Casing Volumes = 6.9 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 2.5 gal

Casing Diameter 4 inches

Casing Material PVC

Measuring Point Elevation 686.29 1/100 ft

Height of Riser (above land surface) -0.29 1/100 ft

Land Surface Elevation 686.58 1/100 ft

Screened Interval (below land surface) 14 - 24 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	2	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	200	200	150	150	150		
Time (Military)	9:37	9:42	9:47	9:52	9:57		
Depth to Groundwater Below Top of Casing (ft)	9.97	11.06	11.94	12.83	13.75		
Drawdown (ft)	2.10	3.19	4.07	4.96	5.88		
pH (S.U.)	7.60	7.53	7.46	7.51	7.52		
Sp. Cond. (uS/cm)	0.741	0.745	0.743	0.738	0.735		
Turbidity (NTUs)	18.10	16.00	24.50	19.40	25.00		
Dissolved Oxygen (g/L)	1.59	1.49	1.45	1.39	1.13		
Water Temperature (°C)	7.90	8.21	8.04	7.87	7.69		
ORP (mV)	-162.0	-171.0	-172.8	-173.6	-176.0		

Physical appearance at start Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS

Begin purging at 0937

Begin sampling at 0957

Date (mo/day/yr) 1/19/2021

Field Personnel T. Ye

Site Name Former Scott Aviation Site - Lancaster, NY

Job # 60538931

Well ID # MW-11

☒ Upgradient ☐ Downgradient

Weather Conditions Light Snow/Partly Cloudy

Air Temperature 30

Total Depth (TWD) Below Top of Casing = 28.50 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 7.45 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 21.05 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = 3.4 gal

3 Casing Volumes = 10.3 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 5 gal

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 688.61 1/100 ft

Height of Riser (above land surface) -0.26 1/100 ft

Land Surface Elevation 688.87 1/100 ft

Screened Interval (below land surface) 8.5 - 28.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	Dup
VOA 40 mL glass	TOC (9060A)	2	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)

Time (Military)

Depth to Groundwater
Below Top of Casing (ft)

Drawdown (ft)

pH (S.U.)

Sp. Cond. (uS/cm)

Turbidity (NTUs)

Dissolved Oxygen (mg/L)

Water Temperature (°C)

ORP (mV)

250	300	400	400	300	300	300	300
10:16	10:19	10:25	10:39	10:45	10:50	10:55	11:00
7.97	8.04	8.53	9.48	9.55	9.61	9.68	9.71
0.52	0.59	1.08	2.03	2.10	2.16	2.23	2.26
7.00	6.82	6.71	6.64	6.64	6.64	6.64	6.65
1.155	1.220	1.372	1.686	1.714	1.747	1.760	1.765
6.59	8.76	2.43	1.90	3.62	1.75	1.84	1.87
5.02	3.18	1.76	1.33	1.22	1.15	1.08	1.05
10.14	10.62	11.46	11.65	11.42	11.54	11.47	11.43
123.5	101.0	61.5	38.1	31.2	25.6	21.0	17.2

Physical appearance at start Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS

Begin purging at 10:16Begin sampling at 11:00

GROUNDWATER SAMPLING LOG

Date (mo/day/yr)	<u>1/20/2021</u>		Casing Diameter	<u>1</u>		inches
Field Personnel	<u>T. Ye</u>		Casing Material	<u>PVC</u>		
Site Name	<u>Former Scott Aviation Site - Lancaster, NY</u>		Measuring Point Elevation	<u>685.74</u>		1/100 ft
Job #	<u>60538931</u>		Height of Riser (above land surface)	<u>-0.50</u>		1/100 ft
Well ID #	<u>MW-13S</u>		Land Surface Elevation	<u>686.24</u>		1/100 ft
	<u> </u> Upgradient	<u>X</u> Downgradient	Screened Interval (below land surface)	<u>8.5-16.5</u>		1/100 ft
Weather Conditions	<u>Light Snow/Partly Cloudy</u>					
Air Temperature	<u>25</u>					
Total Depth (TWD) Below Top of Casing =	<u>16.00</u>	1/100 ft				
Depth to Groundwater (DGW) Below Top of Casing =	<u>9.25</u>	1/100 ft				
Length of Water Columnn (LWC) = TWD - DGW =	<u>6.75</u>	1/100 ft				
1 Casing Volume (OCV) = LWC x	<u>0.041</u>	=	<u>0.5</u>			gal
3 Casing Volumes =	<u>1.4</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>1.5</u>	gal				

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	2	HCL, 4°C	

	100	100	100	100	100			
Flow Rate (ml/min)	100	100	100	100	100			
Time (Military)	11:20	11:25	11:30	11:35	11:40			
Depth to Groundwater Below Top of Casing (ft)	9.81	10.10	10.76	11.45	11.71			
Drawdown (ft)	0.56	0.85	1.51	2.20	2.46			
pH (S.U.)	7.14	6.97	6.93	6.92	6.92			
Sp. Cond. (mS/cm)	0.587	0.614	0.624	0.623	0.623			
Turbidity (NTUs)	723 (AU)	115.00	59.70	60.5	58.60			
Dissolved Oxygen (mg/L)	1.66	1.37	1.30	1.24	1.22			
Water Temperature (°C)	7.30	7.88	8.01	7.74	7.72			
ORP (mV)	-50.40	-77.50	-81.60	-83.60	-85.10			

Physical appearance at start Color <u>Clear</u> Odor <u>None</u> Sheen/Free Product <u>None</u>	Physical appearance at sampling Color <u>Clear</u> Odor <u>None</u> Sheen/Free Product <u>None</u>
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COMMENTS/OBSERVATIONS	<u>Begin purging at 1120</u> <u>Begin sampling at 1140</u>
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Date (mo/day/yr) 1/20/2021

Field Personnel T. Ye

Site Name Former Scott Aviation Site - Lancaster, NY

Job # 60538931

Well ID # MW-13D

 Upgradient X Downgradient

Weather Conditions Light Snow/Partly Cloudy

Air Temperature 25

Total Depth (TWD) Below Top of Casing = 23.50 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 9.02 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 14.48 1/100 ft

1 Casing Volume (OCV) = LWC x 0.041 = 0.6 gal

3 Casing Volumes = 1.8 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 2.5 gal

Casing Diameter 1 inches

Casing Material PVC

Measuring Point Elevation 685.88 1/100 ft

Height of Riser (above land surface) -0.36 1/100 ft

Land Surface Elevation 686.24 1/100 ft

Screened Interval (below land surface) 19.5-23.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260C)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	2	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	50	50	50	50			
Time (Military)	12:05	12:10	12:15	12:20			
Depth to Groundwater Below Top of Casing (ft)	11.75	12.60	13.58	14.01			
Drawdown (ft)	2.73	3.58	4.56	4.99			
pH (S.U.)	6.87	6.87	6.88	6.88			
Sp. Cond. (mS/cm)	0.765	0.764	0.765	0.766			
Turbidity (NTUs)	10.54	7.73	6.86	7.30			
Dissolved Oxygen (mg/L)	1.46	1.40	1.34	1.28			
Water Temperature (°C)	8.21	8.05	7.98	7.81			
ORP (mV)	-60.4	-63.1	-64.7	-65.6			

Physical appearance at start Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor None

Sheen/Free Product None

COMMENTS/OBSERVATIONS

Begin purging at 1205

Begin sampling at 1220

Date (mo/day/yr) 1/20/2021

Field Personnel T. Ye

Site Name Former Scott Aviation Site - Lancaster, NY

Job # 60538931

Well ID # MW-16S

 Upgradient X Downgradient

Weather Conditions Light Snow/Partly Cloudy

Air Temperature 25

Total Depth (TWD) Below Top of Casing = 15.50 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 8.53 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 6.97 1/100 ft

1 Casing Volume (OCV) = LWC x 0.041 = 0.3 gal

3 Casing Volumes = 0.9 gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 1.5 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	
VOA 40 mL glass	TOC (9060A)	2	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	100	50	50				
Time (Military)	13:15	13:20	13:25				
Depth to Groundwater Below Top of Casing (ft)	10.24	12.93	14.93				
Drawdown (ft)	1.71	4.40	6.40				
pH (S.U.)	6.74	6.67	6.67				
Sp. Cond. (uS/cm)	1.128	1.194	1.214				
Turbidity (NTUs)	6.67	7.16	18.60				
Dissolved Oxygen (mg/L)	1.75	1.42	1.68				
Water Temperature (°C)	5.40	5.73	5.41				
ORP (mV)	-64.8	-79.5	-84.8				

Physical appearance at start Color Clear

Odor Strong

Sheen/Free Product None

Physical appearance at sampling Color Clear

Odor Strong

Sheen/Free Product None

COMMENTS/OBSERVATIONS

Begin purging at 1310, well purged dry at 1325

Begin sampling at 1455 after depth to water recovered to 14.07 feet

Appendix B

Current and Historical 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
1/9/2019	5.65	681.35
4/8/2019	5.28	681.72
7/22/2019	6.30	680.70
10/14/2019	7.56	679.44
1/6/2020	7.39	679.61
4/6/2020	7.40	679.60
7/21/2020	6.10	680.90
10/13/2020	6.50	680.50
1/19/2021	6.53	680.47

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.

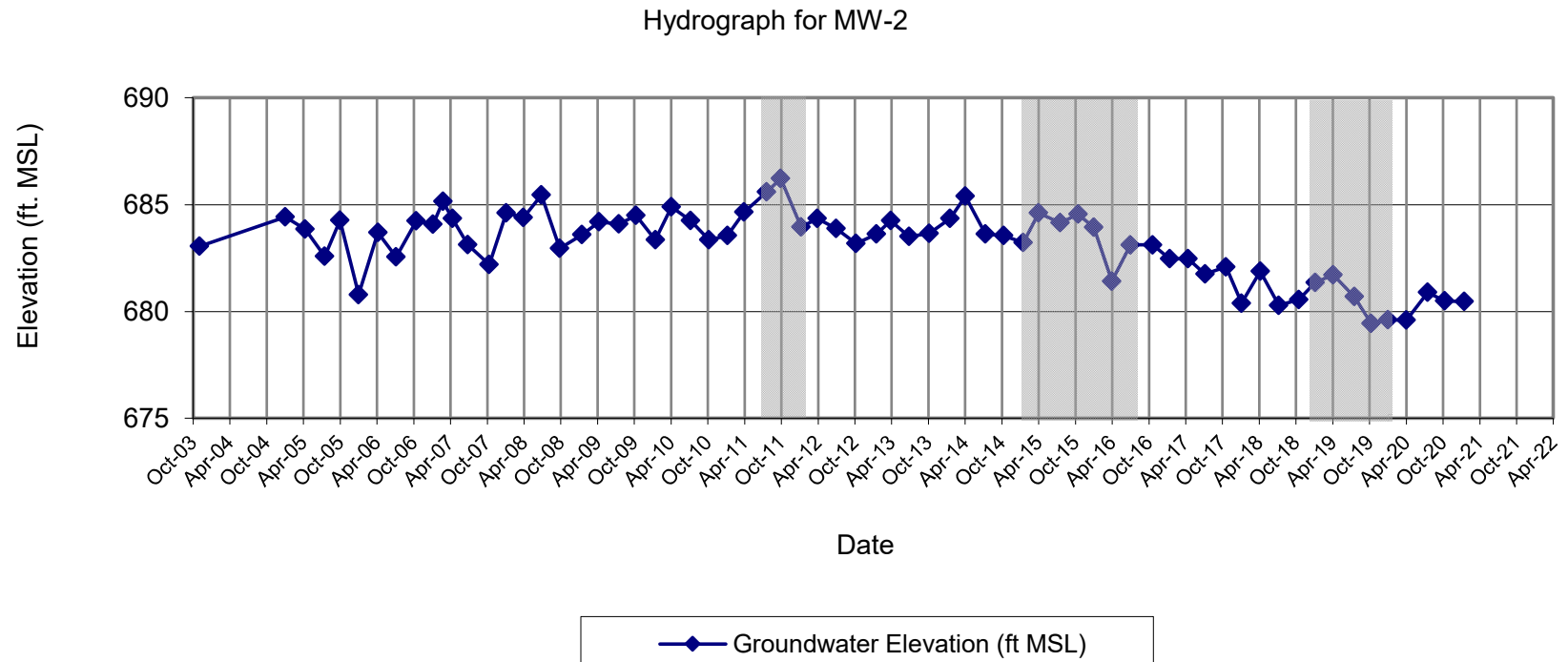
TOC Elevation re-measured June 13, 2008 at 687.1.

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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
1/9/2019	12.32	674.73
4/8/2019	10.09	676.96
7/22/2019	9.24	677.81
10/14/2019	8.61	678.44
1/6/2020	8.14	678.91
4/6/2020	8.93	678.12
7/21/2020	9.14	677.91
10/13/2020	10.41	676.64
1/19/2021	8.73	678.32

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.

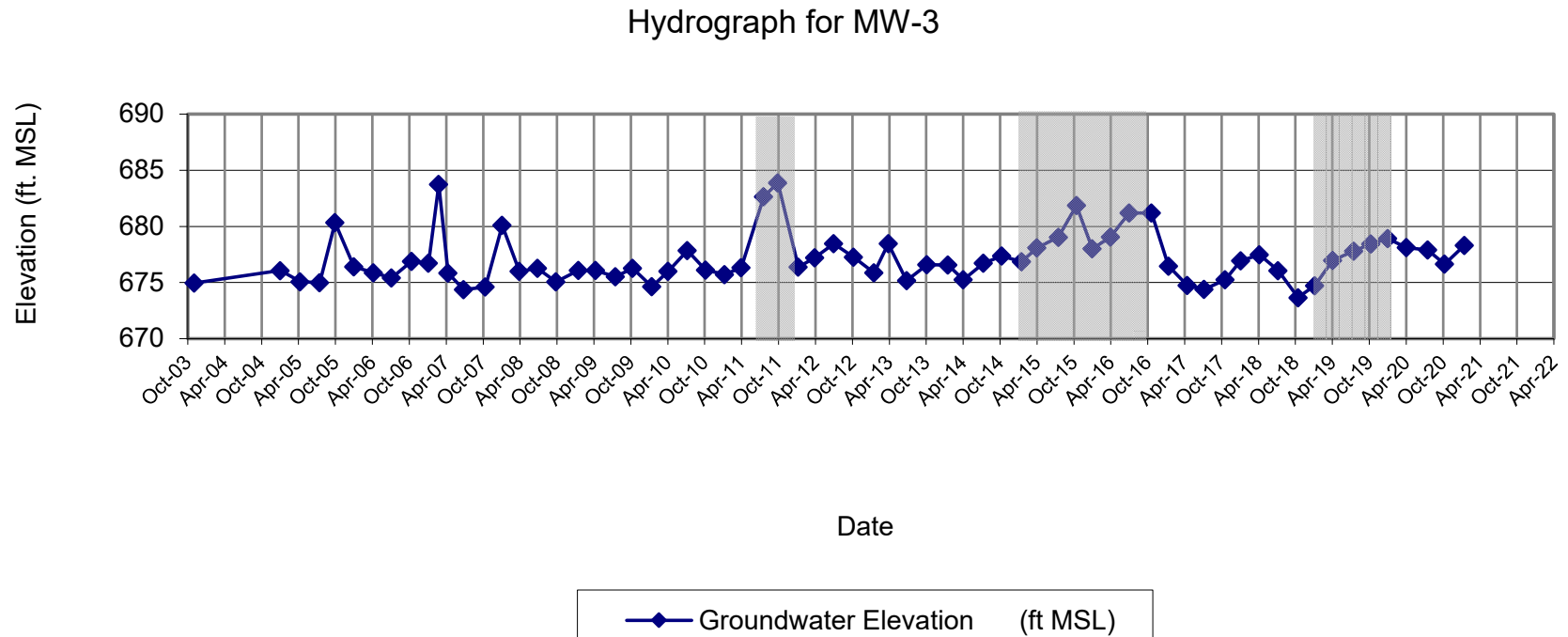
TOC Elevation re-measured June 13, 2008 at 687.02

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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
1/9/2019	9.95	676.55
4/8/2019	8.83	677.67
7/22/2019	9.15	677.35
10/14/2019	8.39	678.11
1/6/2020	8.57	677.93
4/6/2020	8.57	677.93
7/21/2020	9.11	677.39
10/13/2020	11.72	674.78
1/19/2021	9.78	676.72

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.

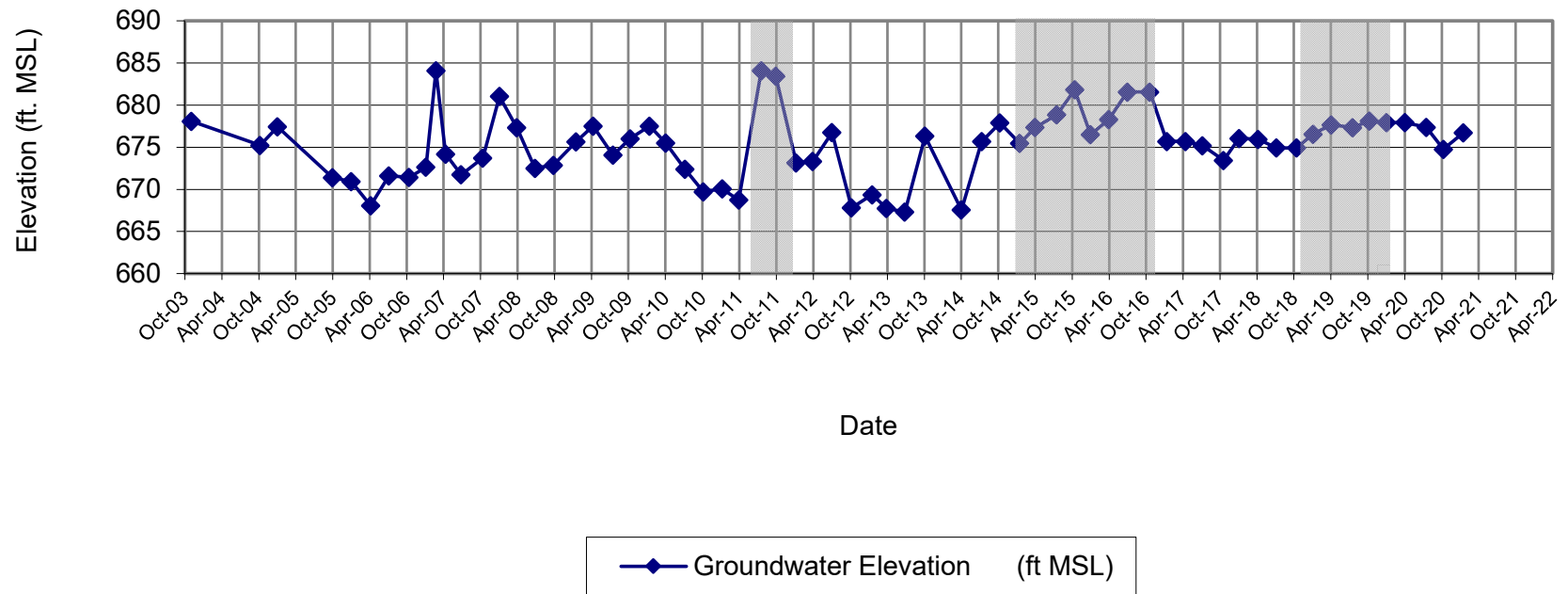
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).

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

Hydrograph for MW-4



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
4/11/2018	10.05	676.16
7/12/2018	18.78	667.43
10/19/2018	18.60	667.61
1/9/2019	7.95	678.26
4/8/2019	6.80	679.41
7/22/2019	8.00	678.21
10/14/2019	9.91	676.30
1/6/2020	6.81	679.40
4/6/2020	8.71	677.50
7/21/2020	8.15	678.06
10/13/2020	10.39	675.82
1/20/2021	8.89	677.32

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.

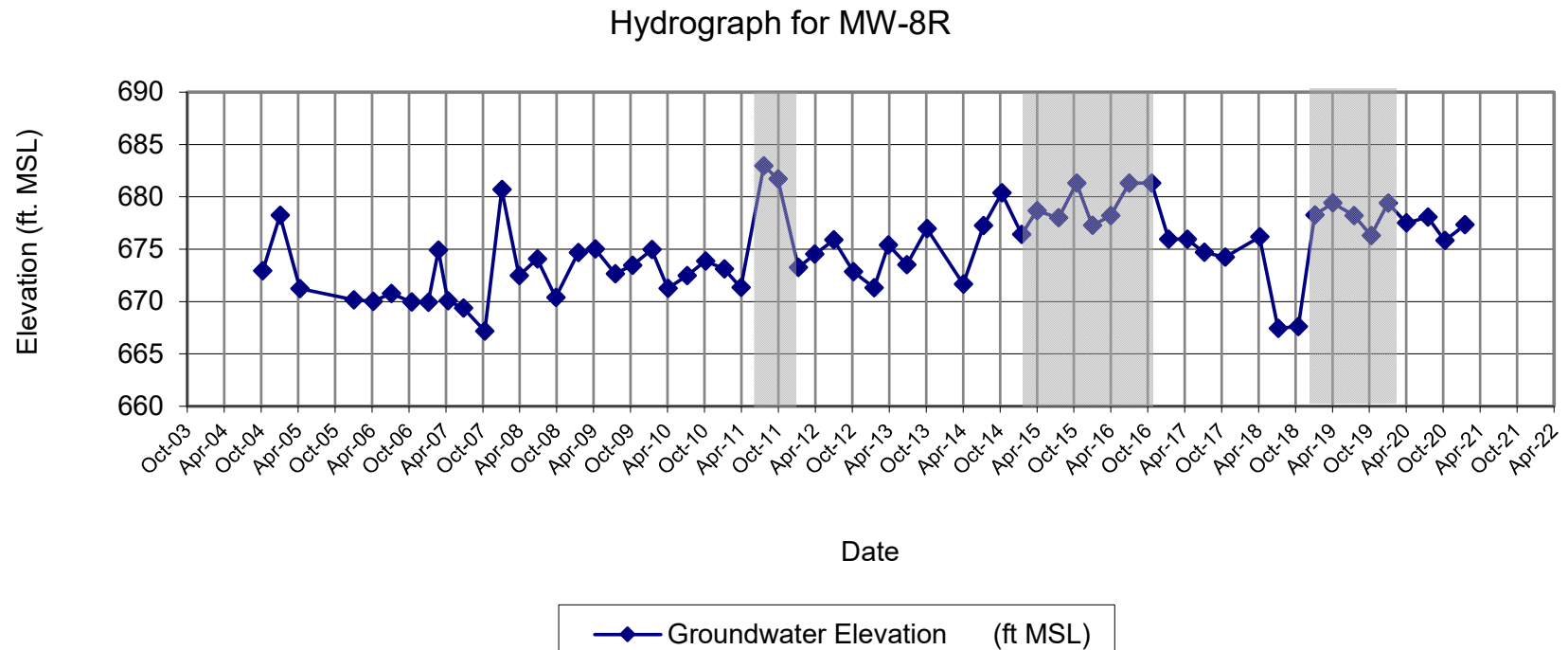
TOC Elevation re-measured on June 13, 2008 at 686.21.

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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
1/9/2019	13.49	676.08
4/8/2019	12.85	676.72
7/22/2019	12.61	676.96
10/14/2019	11.83	677.74
1/6/2020	10.81	678.76
4/6/2020	12.25	677.32
7/21/2020	12.50	677.07
10/13/2020	14.72	674.85
1/19/2021	12.14	677.43

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.

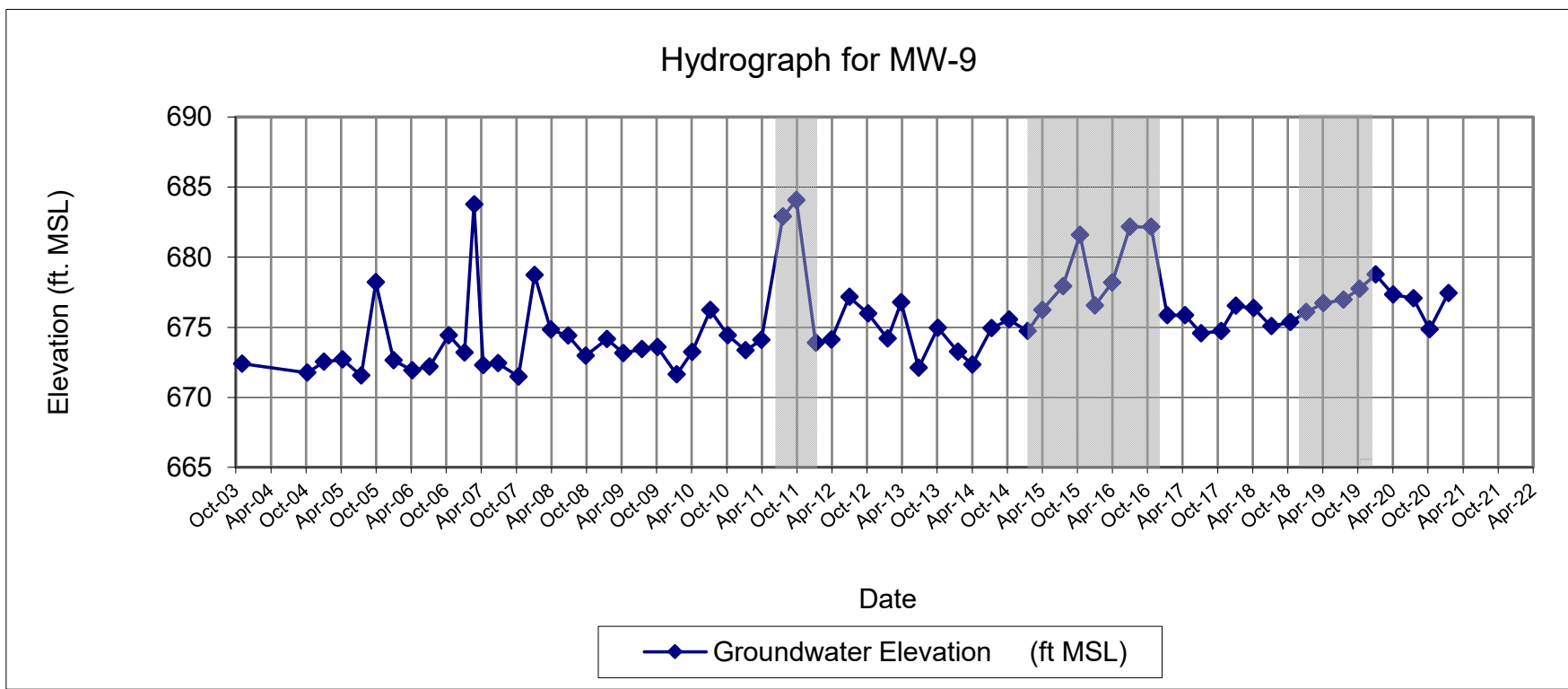
TOC Elevation re-measured on June 13, 2008 at 688.64.

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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-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	NA
4/4/2011	14.52	674.13
7/25/2011	4.48	684.17
10/3/2011	4.05	684.60
1/12/2012	8.96	679.69
4/2/2012	12.87	675.78
7/5/2012	10.53	678.12
10/11/2012	14.40	674.25
1/21/2013	14.75	673.90
4/1/2013	11.66	676.99
7/1/2013	14.99	673.66
10/9/2013	12.25	676.40
1/21/2014	13.75	674.90
4/7/2014	14.56	674.09
7/16/2014	12.64	676.01
10/14/2014	12.26	676.39
1/20/2015	12.31	676.34
4/6/2015	11.95	676.70
7/22/2015	8.49	680.16
10/19/2015	8.75	679.90
1/5/2016	12.53	676.12
4/4/2016	10.84	677.77
7/5/2016	9.37	679.24
10/24/2016	9.37	679.24
1/16/2017	9.60	679.01
4/18/2017	11.98	679.01
7/11/2017	13.75	674.86
10/23/2017	12.83	675.78
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
1/9/2019	12.27	676.34
4/8/2019	11.66	676.95
7/22/2019	11.45	677.16
10/14/2019	11.59	677.02
1/6/2019	11.59	677.02
4/6/2020	11.79	676.82
7/21/2020	11.82	676.79
10/13/2020	11.81	676.80
1/19/2021	10.17	678.44

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.

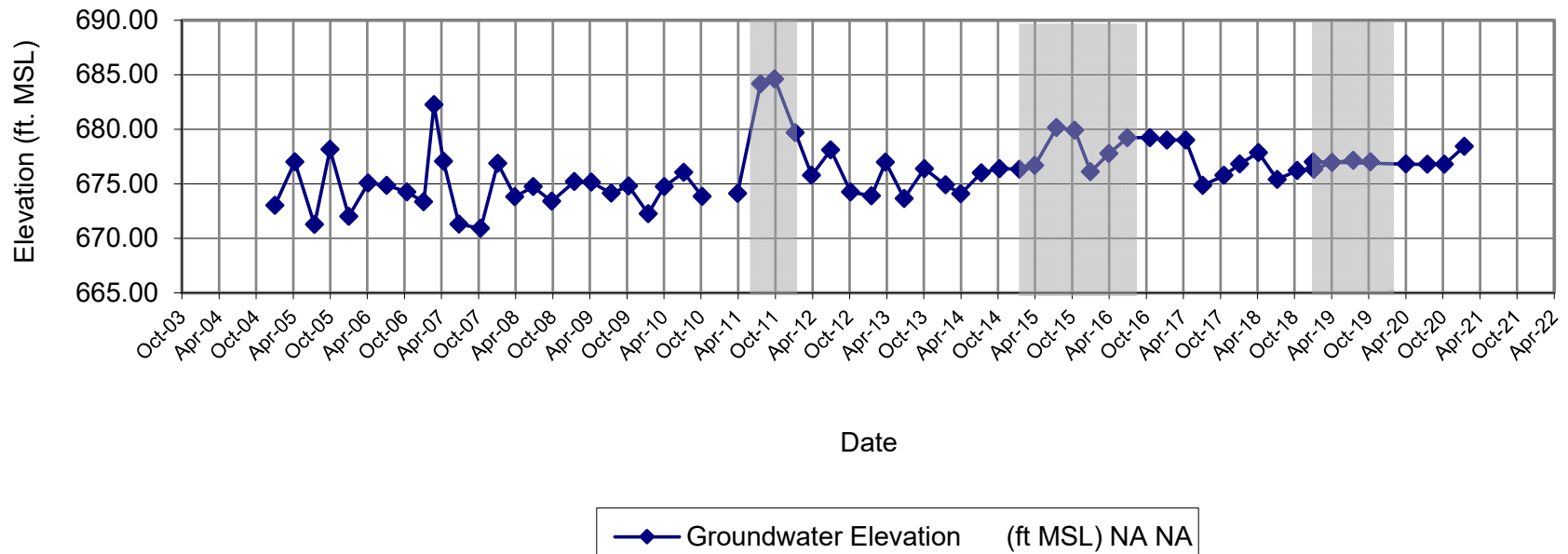
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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-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
1/9/2019	9.71	676.94
4/8/2019	5.35	681.30
7/22/2019	16.50	670.15
10/14/2019	16.50	670.15
1/6/2020	10.21	676.44
4/6/2020	8.36	678.29
7/21/2020	5.50	681.15
10/13/2020	8.84	677.81
1/19/2021	9.78	676.87

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.

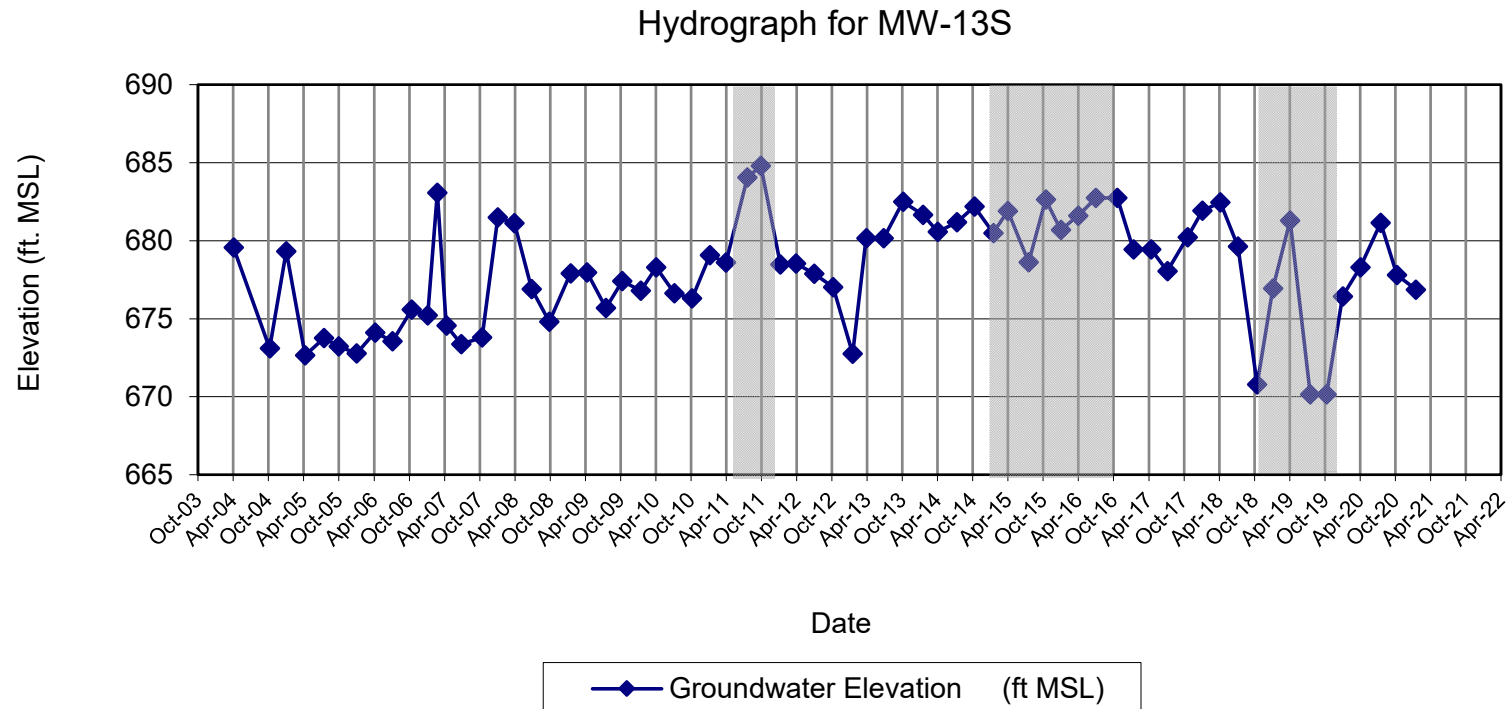
TOC Elevation re-measured on June 13, 2008 at 686.60.

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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
1/9/2019	9.85	676.93
4/8/2019	9.00	677.78
7/22/2019	9.79	676.99
10/14/2019	8.87	677.91
1/6/2020	7.69	679.09
4/6/2020	8.54	678.24
7/21/2020	9.00	677.78
10/13/2020	10.16	676.62
1/19/2021	9.02	677.76

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.

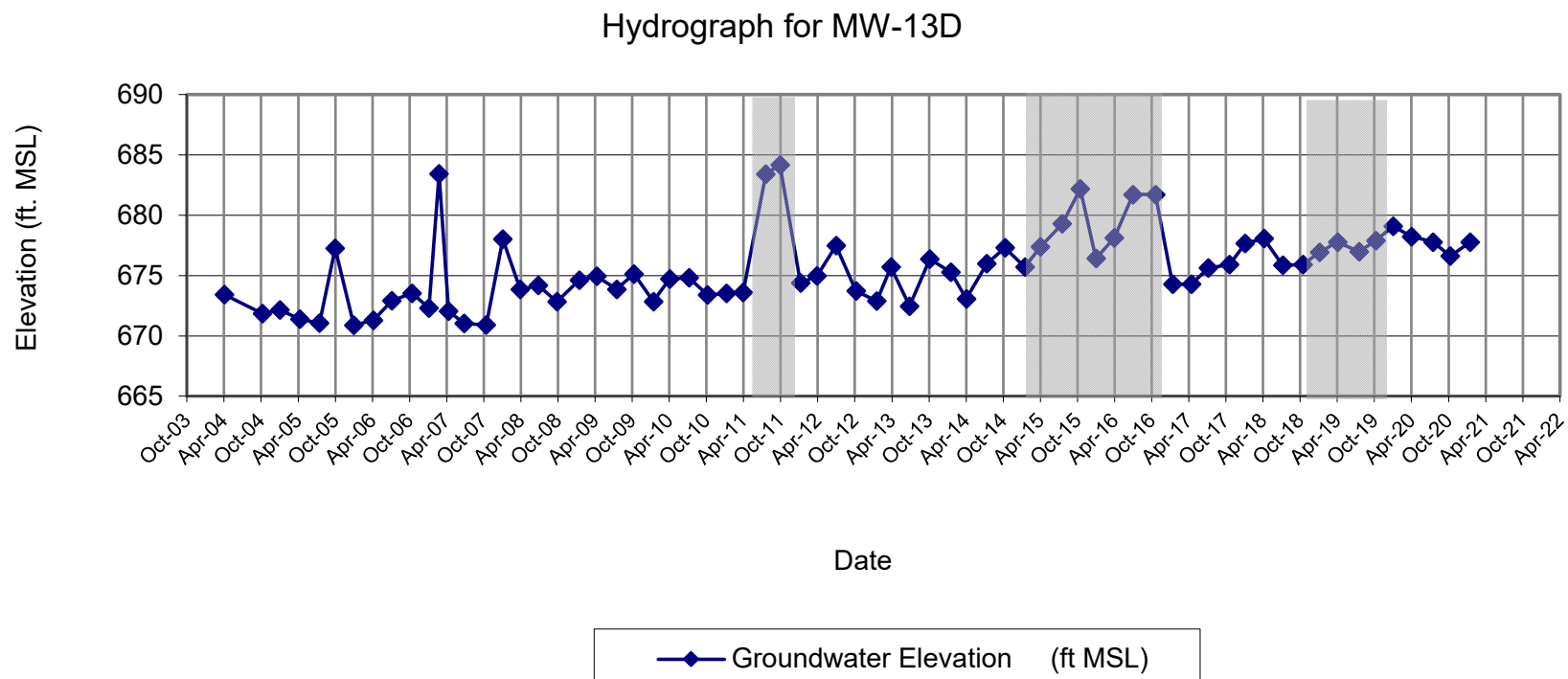
TOC Elevation re-measured on June 13, 2008 at 686.73.

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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	NA
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
1/9/2019	4.30	681.44
4/8/2019	4.40	681.34
7/22/2019	8.60	677.14
10/14/2019	5.14	680.60
1/6/2020	4.42	681.32
4/6/2020	4.31	681.43
7/21/2020	5.30	680.44
10/13/2020	6.18	679.56
1/19/2021	5.28	680.46

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.

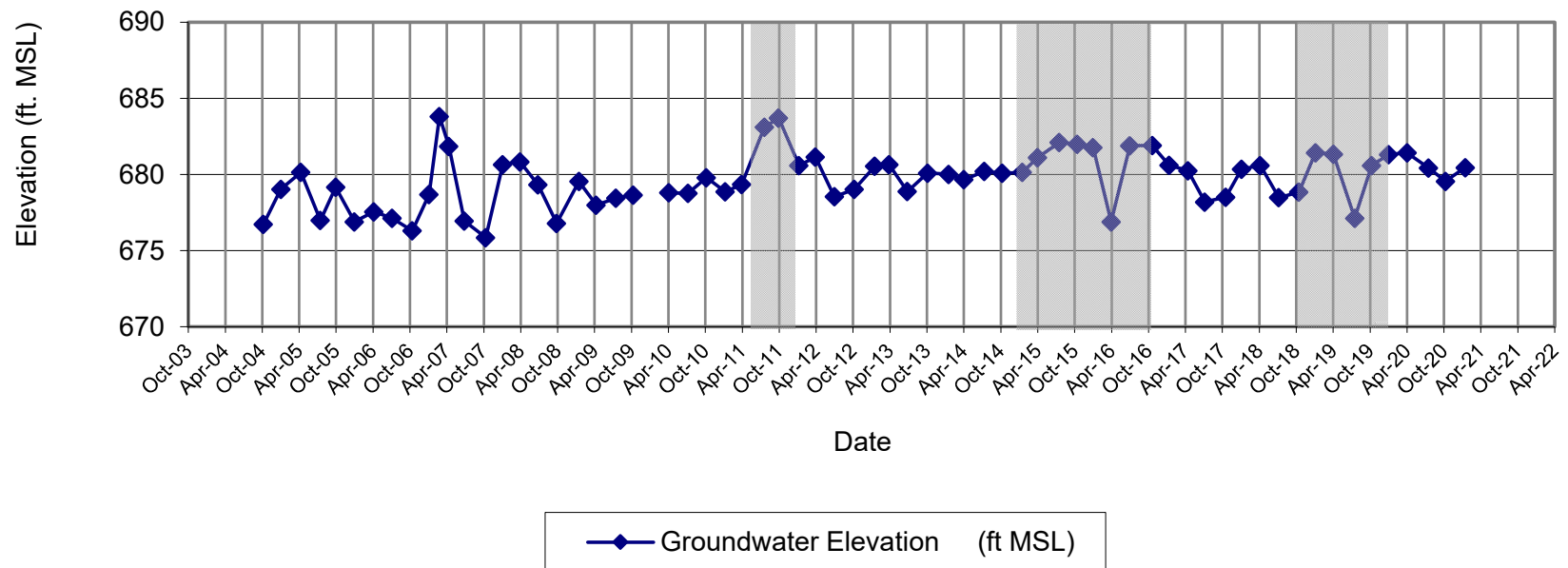
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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
1/9/2019	12.62	673.26
4/8/2019	11.80	674.08
7/22/2019	11.35	674.53
10/14/2019	11.88	674.00
1/6/2020	9.44	676.44
4/6/2020	13.00	672.88
7/21/2020	12.31	673.57
10/13/2020	19.31	666.57
1/19/2021	12.24	673.64

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.

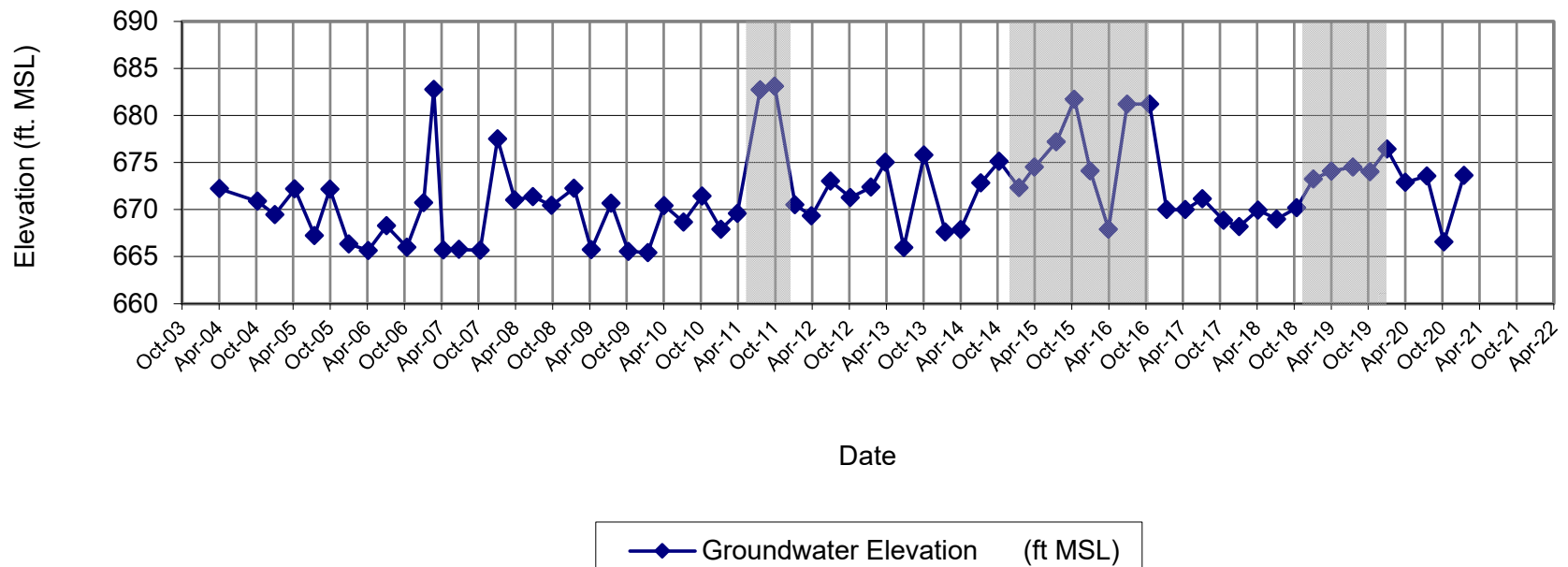
DPE system off line between June 2011 and November 2011 to accommodate the second phase of the chemical oxidation injection pilot test (note shading on graph).

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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
1/9/2019	0.22	686.95
4/8/2019	0.00	687.17
7/22/2019	2.95	684.22
10/14/2019	1.32	685.85
1/6/2020	0.04	687.13
4/6/2020	0.02	687.15
7/21/2020	0.48	686.69
10/13/2020	2.98	684.19
1/19/2021	0.49	686.68

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.

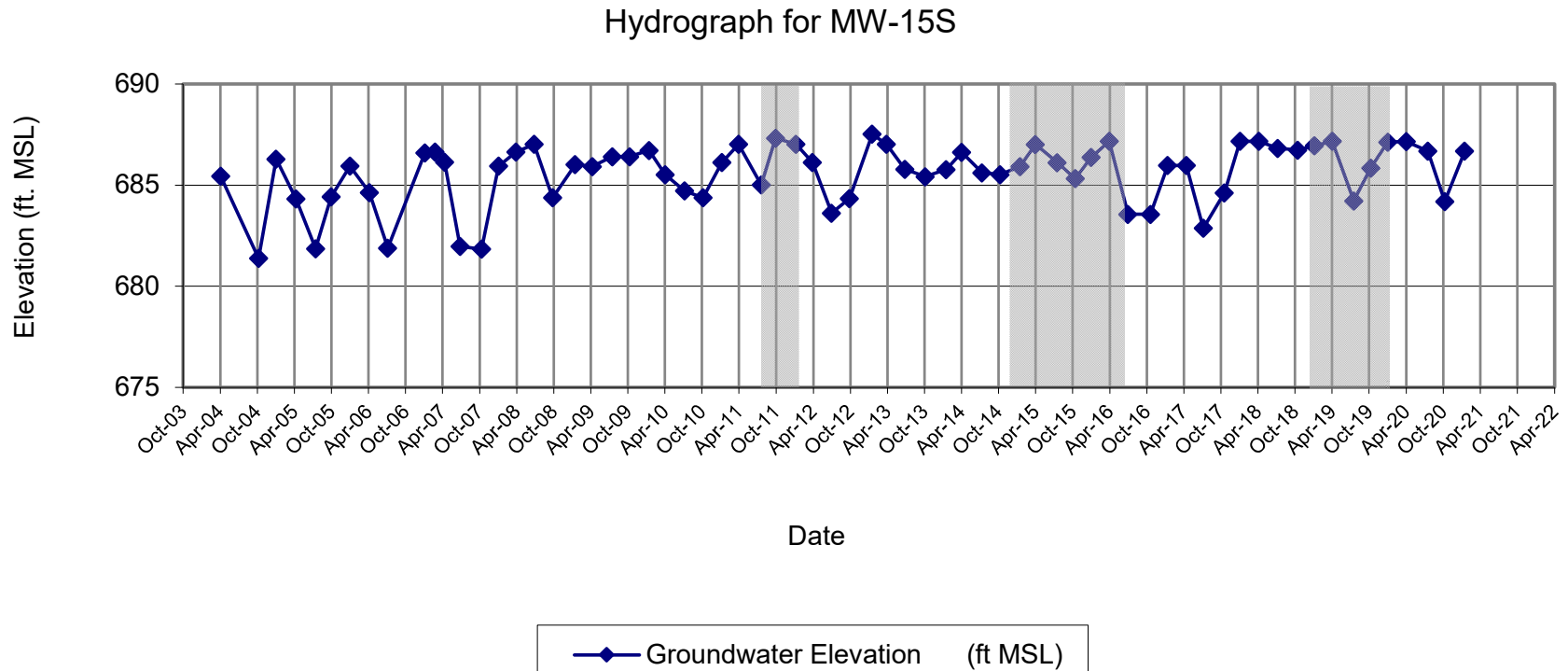
TOC Elevation re-measured on June 13, 2008 at 687.52.

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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
1/9/2019	13.17	674.70
4/8/2019	12.80	675.07
7/22/2019	12.66	675.21
10/14/2019	11.97	675.90
1/6/2020	10.79	677.08
4/6/2020	11.85	676.02
7/21/2020	12.61	675.26
10/13/2020	13.55	674.32
1/19/2021	8.76	679.11

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.

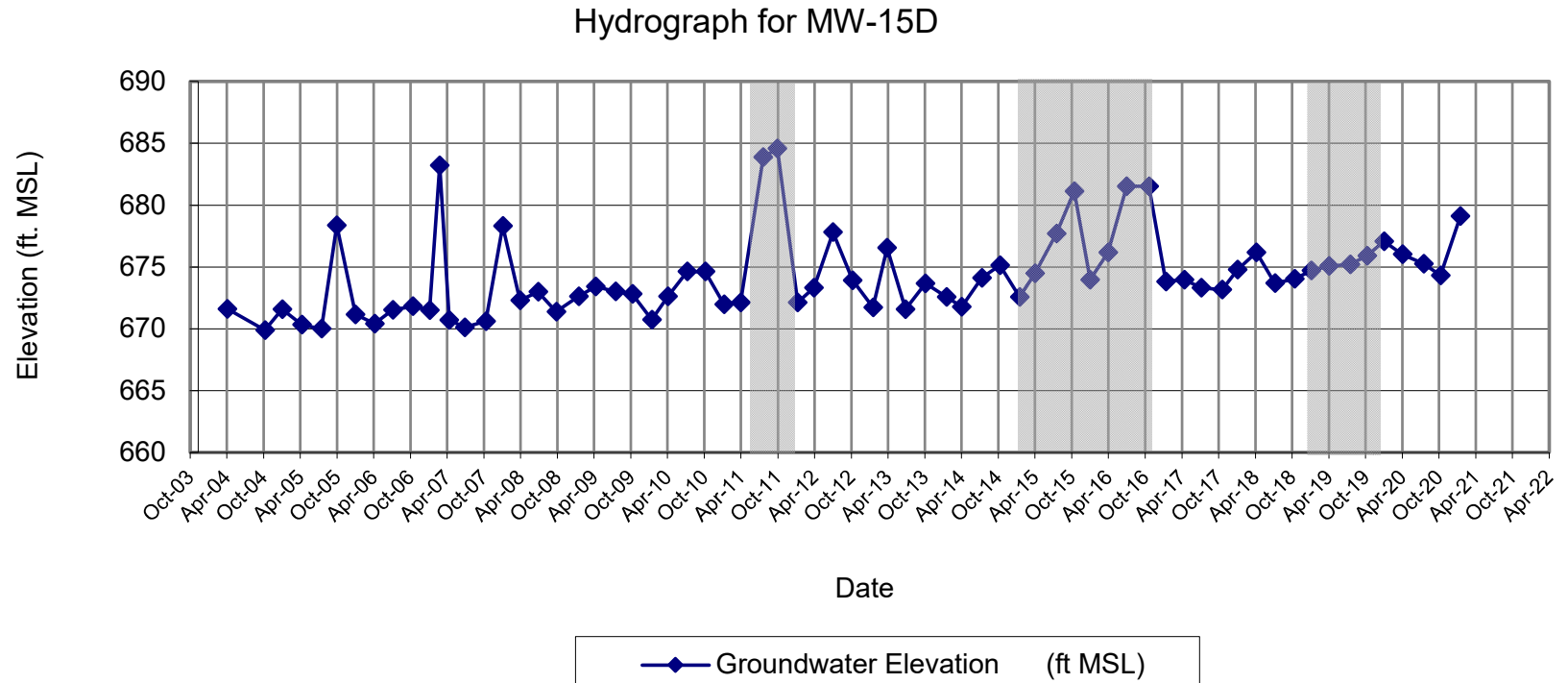
Measured from ground surface on April 4, 2016 at 687.87.

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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
1/9/2019	6.86	681.29
4/8/2019	6.02	682.13
7/22/2019	6.91	681.24
10/14/2019	6.02	682.13
1/6/2020	5.51	682.64
4/6/2020	6.83	681.32
7/21/2020	6.14	682.01
10/12/2020	8.00	680.15
1/19/2021	6.89	681.26

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.

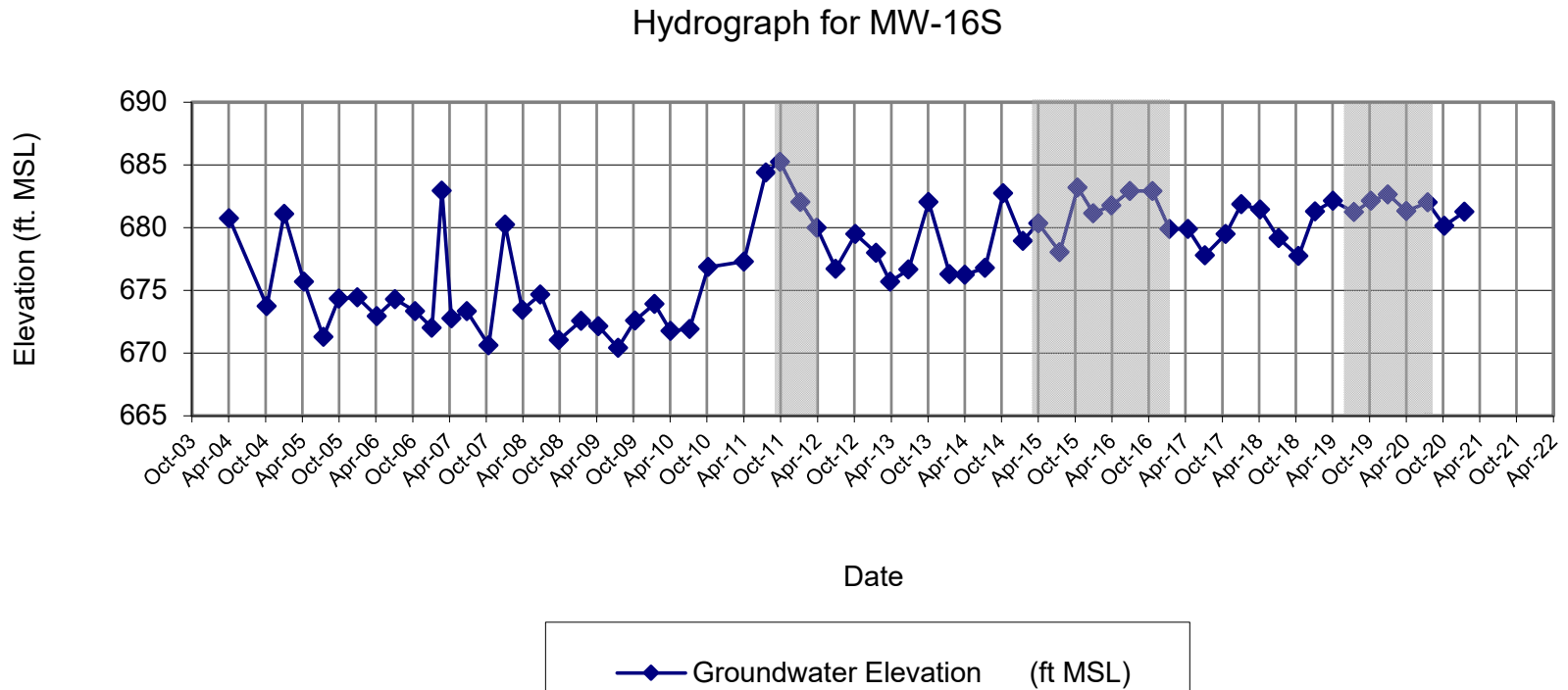
TOC Elevation re-measured on February 23, 2016 at 688.15.

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE 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
1/9/2019	12.82	675.34
4/8/2019	11.78	676.38
7/22/2019	12.13	676.03
10/14/2019	11.32	676.84
1/6/2020	10.29	677.87
4/6/2020	11.54	676.62
7/21/2020	11.96	676.20
10/12/2020	13.19	674.97
1/19/2021	8.96	679.20

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.

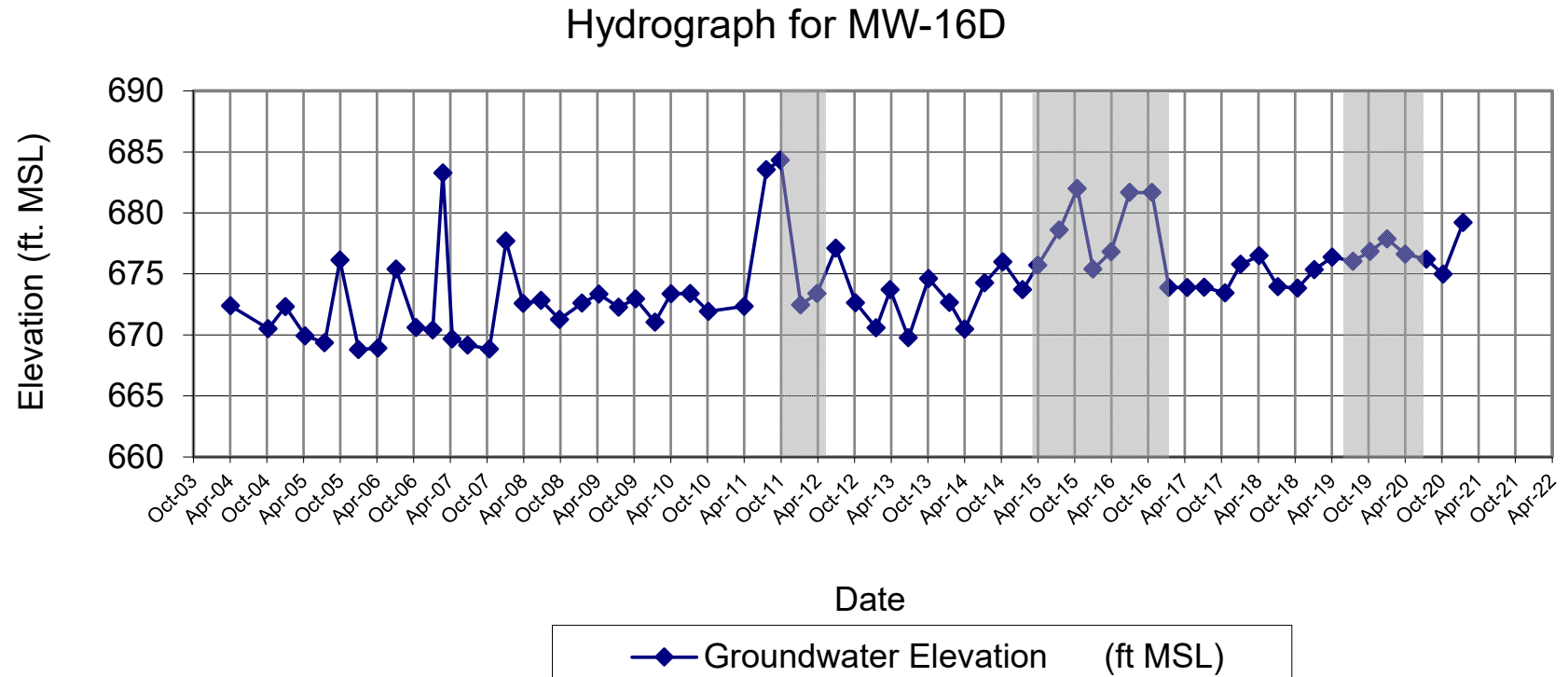
TOC Elevation re-measured on February 23, 2016 at 688.16.

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).

DPE system off line between November 2018 and March 2020 to accommodate ABC+ OLE injection pilot test (note shading on graph).

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



Appendix C
Analytical Laboratory Data Packages
(Provided on CD)

ANALYTICAL REPORT

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

Laboratory Job ID: 480-180362-1

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:

1/28/2021 12:18:50 PM

Rebecca Jones, Project Management Assistant I

Rebecca.Jones@Eurofinset.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835

Brian.Fischer@Eurofinset.com

LINKS

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results through

TotalAccess

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Definitions/Glossary

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Qualifiers

GC/MS VOA

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

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 480-180362-1

Job ID: 480-180362-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-180362-1

Comments

No additional comments.

Receipt

The samples were received on 1/19/2021 4:00 PM and 1/20/2021 3:45 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.5° C and 3.1° C.

GC/MS VOA

Method 8260C: The following samples were collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed within the 7-day holding time specified for unpreserved samples: DPE-1 (480-180395-7), DPE-2 (480-180395-8), DPE-3 (480-180395-9) and DPE-4 (480-180395-10). 480-180395-7, 480-180395-9, 480-180395-10 pH are 7 and 480-180395-8 pH is 6.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-8R (480-180395-2), MW-16S (480-180395-5), DPE-3 (480-180395-9) and DPE-4 (480-180395-10). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: DPE-1 (480-180395-7). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed within the 7-day holding time specified for unpreserved samples: MW-13S (480-180395-3), DPE-4 (480-180395-10), DPE-7 (480-180395-13), DPE-8 (480-180395-14), (480-180395-B-14 MS) and (480-180395-B-14 MSD). Sample pH is 7.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-8R (480-180395-2), DPE-4 (480-180395-10), DPE-8 (480-180395-14), (480-180395-B-14 MS) and (480-180395-B-14 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: DPE-5 (480-180395-11). 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.

General Chemistry

Method 9060A: The reference method requires samples to be preserved to a pH below two. The following samples were received with insufficient preservation at a pH above two: DPE-1 (480-180395-7), DPE-3 (480-180395-9), DPE-4 (480-180395-10), DPE-8 (480-180395-14), (480-180395-E-9 DU) and (480-180395-E-14 MS). The sample(s) was preserved to the appropriate pH in the laboratory prior to analysis.

Method 9060A: The Total Organic Carbon results reported for the following sample do not concur with results previously reported for this site: MW-4 (480-180395-1). Reanalysis was performed, and the result(s) confirmed.

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

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-2

Lab Sample ID: 480-180362-1

Date Collected: 01/19/21 14:35

Matrix: Ground Water

Date Received: 01/19/21 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/20/21 16:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/20/21 16:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/20/21 16:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/20/21 16:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/20/21 16:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/20/21 16:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/20/21 16:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/20/21 16:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/20/21 16:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/20/21 16:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/20/21 16:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/20/21 16:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/20/21 16:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/20/21 16:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/20/21 16:06	1
2-Hexanone	ND		5.0	1.2	ug/L			01/20/21 16:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/20/21 16:06	1
Acetone	ND		10	3.0	ug/L			01/20/21 16:06	1
Benzene	ND		1.0	0.41	ug/L			01/20/21 16:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/20/21 16:06	1
Bromoform	ND		1.0	0.26	ug/L			01/20/21 16:06	1
Bromomethane	ND		1.0	0.69	ug/L			01/20/21 16:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/20/21 16:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/20/21 16:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/20/21 16:06	1
Chloroethane	ND		1.0	0.32	ug/L			01/20/21 16:06	1
Chloroform	ND		1.0	0.34	ug/L			01/20/21 16:06	1
Chloromethane	ND		1.0	0.35	ug/L			01/20/21 16:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/20/21 16:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/20/21 16:06	1
Cyclohexane	ND		1.0	0.18	ug/L			01/20/21 16:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/20/21 16:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/20/21 16:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/20/21 16:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/20/21 16:06	1
Methyl acetate	ND		2.5	1.3	ug/L			01/20/21 16:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/20/21 16:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/20/21 16:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/20/21 16:06	1
Styrene	ND		1.0	0.73	ug/L			01/20/21 16:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/20/21 16:06	1
Toluene	ND		1.0	0.51	ug/L			01/20/21 16:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/20/21 16:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/20/21 16:06	1
Trichloroethene	ND		1.0	0.46	ug/L			01/20/21 16:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/20/21 16:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/20/21 16:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/20/21 16:06	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-2

Lab Sample ID: 480-180362-1

Date Collected: 01/19/21 14:35

Matrix: Ground Water

Date Received: 01/19/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		01/20/21 16:06	1
4-Bromofluorobenzene (Surr)	102		73 - 120		01/20/21 16:06	1
Toluene-d8 (Surr)	95		80 - 120		01/20/21 16:06	1
Dibromofluoromethane (Surr)	99		75 - 123		01/20/21 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	15.3		1.0	0.43	mg/L			01/21/21 22:02	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-3

Lab Sample ID: 480-180362-2

Date Collected: 01/19/21 15:35

Matrix: Ground Water

Date Received: 01/19/21 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/20/21 16:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/20/21 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/20/21 16:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/20/21 16:31	1
1,1-Dichloroethane	11		1.0	0.38	ug/L			01/20/21 16:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/20/21 16:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/20/21 16:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/20/21 16:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/20/21 16:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/20/21 16:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/20/21 16:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/20/21 16:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/20/21 16:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/20/21 16:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/20/21 16:31	1
2-Hexanone	ND		5.0	1.2	ug/L			01/20/21 16:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/20/21 16:31	1
Acetone	ND		10	3.0	ug/L			01/20/21 16:31	1
Benzene	ND		1.0	0.41	ug/L			01/20/21 16:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/20/21 16:31	1
Bromoform	ND		1.0	0.26	ug/L			01/20/21 16:31	1
Bromomethane	ND		1.0	0.69	ug/L			01/20/21 16:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/20/21 16:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/20/21 16:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/20/21 16:31	1
Chloroethane	0.82 J		1.0	0.32	ug/L			01/20/21 16:31	1
Chloroform	ND		1.0	0.34	ug/L			01/20/21 16:31	1
Chloromethane	ND		1.0	0.35	ug/L			01/20/21 16:31	1
cis-1,2-Dichloroethene	2.0		1.0	0.81	ug/L			01/20/21 16:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/20/21 16:31	1
Cyclohexane	ND		1.0	0.18	ug/L			01/20/21 16:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/20/21 16:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/20/21 16:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/20/21 16:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/20/21 16:31	1
Methyl acetate	ND		2.5	1.3	ug/L			01/20/21 16:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/20/21 16:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/20/21 16:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/20/21 16:31	1
Styrene	ND		1.0	0.73	ug/L			01/20/21 16:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/20/21 16:31	1
Toluene	ND		1.0	0.51	ug/L			01/20/21 16:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/20/21 16:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/20/21 16:31	1
Trichloroethene	ND		1.0	0.46	ug/L			01/20/21 16:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/20/21 16:31	1
Vinyl chloride	11		1.0	0.90	ug/L			01/20/21 16:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/20/21 16:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-3

Date Collected: 01/19/21 15:35

Date Received: 01/19/21 16:00

Lab Sample ID: 480-180362-2

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		01/20/21 16:31	1
4-Bromofluorobenzene (Surr)	92		73 - 120		01/20/21 16:31	1
Toluene-d8 (Surr)	89		80 - 120		01/20/21 16:31	1
Dibromofluoromethane (Surr)	97		75 - 123		01/20/21 16:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.4		1.0	0.43	mg/L			01/21/21 22:56	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-11

Lab Sample ID: 480-180362-3

Date Collected: 01/19/21 11:45

Matrix: Ground Water

Date Received: 01/19/21 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/20/21 16:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/20/21 16:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/20/21 16:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/20/21 16:55	1
1,1-Dichloroethane	0.55	J	1.0	0.38	ug/L			01/20/21 16:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/20/21 16:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/20/21 16:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/20/21 16:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/20/21 16:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/20/21 16:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/20/21 16:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/20/21 16:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/20/21 16:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/20/21 16:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/20/21 16:55	1
2-Hexanone	ND		5.0	1.2	ug/L			01/20/21 16:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/20/21 16:55	1
Acetone	ND		10	3.0	ug/L			01/20/21 16:55	1
Benzene	ND		1.0	0.41	ug/L			01/20/21 16:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/20/21 16:55	1
Bromoform	ND		1.0	0.26	ug/L			01/20/21 16:55	1
Bromomethane	ND		1.0	0.69	ug/L			01/20/21 16:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/20/21 16:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/20/21 16:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/20/21 16:55	1
Chloroethane	ND		1.0	0.32	ug/L			01/20/21 16:55	1
Chloroform	ND		1.0	0.34	ug/L			01/20/21 16:55	1
Chloromethane	ND		1.0	0.35	ug/L			01/20/21 16:55	1
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L			01/20/21 16:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/20/21 16:55	1
Cyclohexane	ND		1.0	0.18	ug/L			01/20/21 16:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/20/21 16:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/20/21 16:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/20/21 16:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/20/21 16:55	1
Methyl acetate	ND		2.5	1.3	ug/L			01/20/21 16:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/20/21 16:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/20/21 16:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/20/21 16:55	1
Styrene	ND		1.0	0.73	ug/L			01/20/21 16:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/20/21 16:55	1
Toluene	ND		1.0	0.51	ug/L			01/20/21 16:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/20/21 16:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/20/21 16:55	1
Trichloroethene	ND		1.0	0.46	ug/L			01/20/21 16:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/20/21 16:55	1
Vinyl chloride	1.5		1.0	0.90	ug/L			01/20/21 16:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/20/21 16:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-11

Lab Sample ID: 480-180362-3

Date Collected: 01/19/21 11:45

Matrix: Ground Water

Date Received: 01/19/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/20/21 16:55	1
4-Bromofluorobenzene (Surr)	101		73 - 120		01/20/21 16:55	1
Toluene-d8 (Surr)	91		80 - 120		01/20/21 16:55	1
Dibromofluoromethane (Surr)	106		75 - 123		01/20/21 16:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.8		1.0	0.43	mg/L			01/21/21 23:50	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: Duplicate

Lab Sample ID: 480-180362-4

Date Collected: 01/19/21 14:45

Matrix: Water

Date Received: 01/19/21 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/20/21 17:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/20/21 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/20/21 17:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/20/21 17:20	1
1,1-Dichloroethane	0.58	J	1.0	0.38	ug/L			01/20/21 17:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/20/21 17:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/20/21 17:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/20/21 17:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/20/21 17:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/20/21 17:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/20/21 17:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/20/21 17:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/20/21 17:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/20/21 17:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/20/21 17:20	1
2-Hexanone	ND		5.0	1.2	ug/L			01/20/21 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/20/21 17:20	1
Acetone	ND		10	3.0	ug/L			01/20/21 17:20	1
Benzene	ND		1.0	0.41	ug/L			01/20/21 17:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/20/21 17:20	1
Bromoform	ND		1.0	0.26	ug/L			01/20/21 17:20	1
Bromomethane	ND		1.0	0.69	ug/L			01/20/21 17:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/20/21 17:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/20/21 17:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/20/21 17:20	1
Chloroethane	ND		1.0	0.32	ug/L			01/20/21 17:20	1
Chloroform	ND		1.0	0.34	ug/L			01/20/21 17:20	1
Chloromethane	ND		1.0	0.35	ug/L			01/20/21 17:20	1
cis-1,2-Dichloroethene	1.0		1.0	0.81	ug/L			01/20/21 17:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/20/21 17:20	1
Cyclohexane	ND		1.0	0.18	ug/L			01/20/21 17:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/20/21 17:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/20/21 17:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/20/21 17:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/20/21 17:20	1
Methyl acetate	ND		2.5	1.3	ug/L			01/20/21 17:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/20/21 17:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/20/21 17:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/20/21 17:20	1
Styrene	ND		1.0	0.73	ug/L			01/20/21 17:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/20/21 17:20	1
Toluene	ND		1.0	0.51	ug/L			01/20/21 17:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/20/21 17:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/20/21 17:20	1
Trichloroethene	ND		1.0	0.46	ug/L			01/20/21 17:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/20/21 17:20	1
Vinyl chloride	1.4		1.0	0.90	ug/L			01/20/21 17:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/20/21 17:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Duplicate

Lab Sample ID: 480-180362-4

Date Collected: 01/19/21 14:45

Matrix: Water

Date Received: 01/19/21 16:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		01/20/21 17:20	1
4-Bromofluorobenzene (Surr)	93		73 - 120		01/20/21 17:20	1
Toluene-d8 (Surr)	90		80 - 120		01/20/21 17:20	1
Dibromofluoromethane (Surr)	100		75 - 123		01/20/21 17:20	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-180362-5

Date Collected: 01/19/21 07:00

Matrix: Water

Date Received: 01/19/21 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/20/21 17:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/20/21 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/20/21 17:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/20/21 17:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/20/21 17:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/20/21 17:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/20/21 17:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/20/21 17:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/20/21 17:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/20/21 17:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/20/21 17:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/20/21 17:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/20/21 17:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/20/21 17:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/20/21 17:45	1
2-Hexanone	ND		5.0	1.2	ug/L			01/20/21 17:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/20/21 17:45	1
Acetone	ND		10	3.0	ug/L			01/20/21 17:45	1
Benzene	ND		1.0	0.41	ug/L			01/20/21 17:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/20/21 17:45	1
Bromoform	ND		1.0	0.26	ug/L			01/20/21 17:45	1
Bromomethane	ND		1.0	0.69	ug/L			01/20/21 17:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/20/21 17:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/20/21 17:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/20/21 17:45	1
Chloroethane	ND		1.0	0.32	ug/L			01/20/21 17:45	1
Chloroform	ND		1.0	0.34	ug/L			01/20/21 17:45	1
Chloromethane	ND		1.0	0.35	ug/L			01/20/21 17:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/20/21 17:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/20/21 17:45	1
Cyclohexane	ND		1.0	0.18	ug/L			01/20/21 17:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/20/21 17:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/20/21 17:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/20/21 17:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/20/21 17:45	1
Methyl acetate	ND		2.5	1.3	ug/L			01/20/21 17:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/20/21 17:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/20/21 17:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/20/21 17:45	1
Styrene	ND		1.0	0.73	ug/L			01/20/21 17:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/20/21 17:45	1
Toluene	ND		1.0	0.51	ug/L			01/20/21 17:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/20/21 17:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/20/21 17:45	1
Trichloroethene	ND		1.0	0.46	ug/L			01/20/21 17:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/20/21 17:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/20/21 17:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/20/21 17:45	1

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Trip Blank

Lab Sample ID: 480-180362-5

Date Collected: 01/19/21 07:00

Matrix: Water

Date Received: 01/19/21 16:00

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		01/20/21 17:45	1
4-Bromofluorobenzene (Surr)	100		73 - 120		01/20/21 17:45	1
Toluene-d8 (Surr)	92		80 - 120		01/20/21 17:45	1
Dibromofluoromethane (Surr)	97		75 - 123		01/20/21 17:45	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-4

Lab Sample ID: 480-180395-1

Date Collected: 01/20/21 09:00

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 13:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/21/21 13:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/21/21 13:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/21/21 13:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/21/21 13:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/21/21 13:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/21/21 13:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/21/21 13:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/21/21 13:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/21/21 13:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/21/21 13:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/21/21 13:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/21/21 13:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/21/21 13:26	1
2-Butanone (MEK)	3.3	J	10	1.3	ug/L			01/21/21 13:26	1
2-Hexanone	1.5	J	5.0	1.2	ug/L			01/21/21 13:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/21/21 13:26	1
Acetone	6.9	J	10	3.0	ug/L			01/21/21 13:26	1
Benzene	1.3		1.0	0.41	ug/L			01/21/21 13:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/21/21 13:26	1
Bromoform	ND		1.0	0.26	ug/L			01/21/21 13:26	1
Bromomethane	ND		1.0	0.69	ug/L			01/21/21 13:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/21/21 13:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/21/21 13:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/21/21 13:26	1
Chloroethane	76		1.0	0.32	ug/L			01/21/21 13:26	1
Chloroform	ND		1.0	0.34	ug/L			01/21/21 13:26	1
Chloromethane	ND		1.0	0.35	ug/L			01/21/21 13:26	1
cis-1,2-Dichloroethene	3.2		1.0	0.81	ug/L			01/21/21 13:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/21/21 13:26	1
Cyclohexane	ND		1.0	0.18	ug/L			01/21/21 13:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/21/21 13:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/21/21 13:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/21/21 13:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/21/21 13:26	1
Methyl acetate	ND		2.5	1.3	ug/L			01/21/21 13:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/21/21 13:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/21/21 13:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/21/21 13:26	1
Styrene	ND		1.0	0.73	ug/L			01/21/21 13:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/21/21 13:26	1
Toluene	4.3		1.0	0.51	ug/L			01/21/21 13:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/21/21 13:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/21/21 13:26	1
Trichloroethene	1.0		1.0	0.46	ug/L			01/21/21 13:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/21/21 13:26	1
Vinyl chloride	2.2		1.0	0.90	ug/L			01/21/21 13:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/21/21 13:26	1

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-4

Lab Sample ID: 480-180395-1

Date Collected: 01/20/21 09:00

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/21/21 13:26	1
4-Bromofluorobenzene (Surr)	102		73 - 120		01/21/21 13:26	1
Toluene-d8 (Surr)	98		80 - 120		01/21/21 13:26	1
Dibromofluoromethane (Surr)	108		75 - 123		01/21/21 13:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	33.1		1.0	0.43	mg/L			01/23/21 23:44	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-8R

Lab Sample ID: 480-180395-2

Date Collected: 01/20/21 10:00

Matrix: Water

Date Received: 01/20/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			01/21/21 13:49	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			01/21/21 13:49	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			01/21/21 13:49	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			01/21/21 13:49	2
1,1-Dichloroethane	4.6		2.0	0.76	ug/L			01/21/21 13:49	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			01/21/21 13:49	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			01/21/21 13:49	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			01/21/21 13:49	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			01/21/21 13:49	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			01/21/21 13:49	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			01/21/21 13:49	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			01/21/21 13:49	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			01/21/21 13:49	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			01/21/21 13:49	2
2-Butanone (MEK)	ND		20	2.6	ug/L			01/21/21 13:49	2
2-Hexanone	ND		10	2.5	ug/L			01/21/21 13:49	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			01/21/21 13:49	2
Acetone	9.2 J		20	6.0	ug/L			01/21/21 13:49	2
Benzene	ND		2.0	0.82	ug/L			01/21/21 13:49	2
Bromodichloromethane	ND		2.0	0.78	ug/L			01/21/21 13:49	2
Bromoform	ND		2.0	0.52	ug/L			01/21/21 13:49	2
Bromomethane	ND		2.0	1.4	ug/L			01/21/21 13:49	2
Carbon disulfide	ND		2.0	0.38	ug/L			01/21/21 13:49	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			01/21/21 13:49	2
Chlorobenzene	ND		2.0	1.5	ug/L			01/21/21 13:49	2
Chloroethane	24		2.0	0.64	ug/L			01/21/21 13:49	2
Chloroform	ND		2.0	0.68	ug/L			01/21/21 13:49	2
Chloromethane	ND		2.0	0.70	ug/L			01/21/21 13:49	2
cis-1,2-Dichloroethene	250 E		2.0	1.6	ug/L			01/21/21 13:49	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			01/21/21 13:49	2
Cyclohexane	ND		2.0	0.36	ug/L			01/21/21 13:49	2
Dibromochloromethane	ND		2.0	0.64	ug/L			01/21/21 13:49	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			01/21/21 13:49	2
Ethylbenzene	ND		2.0	1.5	ug/L			01/21/21 13:49	2
Isopropylbenzene	ND		2.0	1.6	ug/L			01/21/21 13:49	2
Methyl acetate	ND		5.0	2.6	ug/L			01/21/21 13:49	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			01/21/21 13:49	2
Methylcyclohexane	ND		2.0	0.32	ug/L			01/21/21 13:49	2
Methylene Chloride	ND		2.0	0.88	ug/L			01/21/21 13:49	2
Styrene	ND		2.0	1.5	ug/L			01/21/21 13:49	2
Tetrachloroethene	ND		2.0	0.72	ug/L			01/21/21 13:49	2
Toluene	13		2.0	1.0	ug/L			01/21/21 13:49	2
trans-1,2-Dichloroethene	3.6		2.0	1.8	ug/L			01/21/21 13:49	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			01/21/21 13:49	2
Trichloroethene	1.4 J		2.0	0.92	ug/L			01/21/21 13:49	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			01/21/21 13:49	2
Vinyl chloride	720 E		2.0	1.8	ug/L			01/21/21 13:49	2
Xylenes, Total	ND		4.0	1.3	ug/L			01/21/21 13:49	2

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-8R

Lab Sample ID: 480-180395-2

Date Collected: 01/20/21 10:00

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/21/21 13:49	2
4-Bromofluorobenzene (Surr)	104		73 - 120		01/21/21 13:49	2
Toluene-d8 (Surr)	100		80 - 120		01/21/21 13:49	2
Dibromofluoromethane (Surr)	106		75 - 123		01/21/21 13:49	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			01/22/21 23:28	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			01/22/21 23:28	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			01/22/21 23:28	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			01/22/21 23:28	10
1,1-Dichloroethane	ND		10	3.8	ug/L			01/22/21 23:28	10
1,1-Dichloroethene	ND		10	2.9	ug/L			01/22/21 23:28	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			01/22/21 23:28	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			01/22/21 23:28	10
1,2-Dibromoethane	ND		10	7.3	ug/L			01/22/21 23:28	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			01/22/21 23:28	10
1,2-Dichloroethane	ND		10	2.1	ug/L			01/22/21 23:28	10
1,2-Dichloropropane	ND		10	7.2	ug/L			01/22/21 23:28	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			01/22/21 23:28	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			01/22/21 23:28	10
2-Butanone (MEK)	ND		100	13	ug/L			01/22/21 23:28	10
2-Hexanone	ND		50	12	ug/L			01/22/21 23:28	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			01/22/21 23:28	10
Acetone	43	J	100	30	ug/L			01/22/21 23:28	10
Benzene	ND		10	4.1	ug/L			01/22/21 23:28	10
Bromodichloromethane	ND		10	3.9	ug/L			01/22/21 23:28	10
Bromoform	ND		10	2.6	ug/L			01/22/21 23:28	10
Bromomethane	ND		10	6.9	ug/L			01/22/21 23:28	10
Carbon disulfide	ND		10	1.9	ug/L			01/22/21 23:28	10
Carbon tetrachloride	ND		10	2.7	ug/L			01/22/21 23:28	10
Chlorobenzene	ND		10	7.5	ug/L			01/22/21 23:28	10
Chloroethane	23		10	3.2	ug/L			01/22/21 23:28	10
Chloroform	ND		10	3.4	ug/L			01/22/21 23:28	10
Chloromethane	ND		10	3.5	ug/L			01/22/21 23:28	10
cis-1,2-Dichloroethene	250		10	8.1	ug/L			01/22/21 23:28	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			01/22/21 23:28	10
Cyclohexane	ND		10	1.8	ug/L			01/22/21 23:28	10
Dibromochloromethane	ND		10	3.2	ug/L			01/22/21 23:28	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			01/22/21 23:28	10
Ethylbenzene	ND		10	7.4	ug/L			01/22/21 23:28	10
Isopropylbenzene	ND		10	7.9	ug/L			01/22/21 23:28	10
Methyl acetate	ND		25	13	ug/L			01/22/21 23:28	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			01/22/21 23:28	10
Methylcyclohexane	ND		10	1.6	ug/L			01/22/21 23:28	10
Methylene Chloride	ND		10	4.4	ug/L			01/22/21 23:28	10
Styrene	ND		10	7.3	ug/L			01/22/21 23:28	10
Tetrachloroethene	ND		10	3.6	ug/L			01/22/21 23:28	10
Toluene	13		10	5.1	ug/L			01/22/21 23:28	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			01/22/21 23:28	10

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-8R

Lab Sample ID: 480-180395-2

Date Collected: 01/20/21 10:00

Matrix: Water

Date Received: 01/20/21 15:45

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		10	3.7	ug/L			01/22/21 23:28	10
Trichloroethene	ND		10	4.6	ug/L			01/22/21 23:28	10
Trichlorofluoromethane	ND		10	8.8	ug/L			01/22/21 23:28	10
Vinyl chloride	730		10	9.0	ug/L			01/22/21 23:28	10
Xylenes, Total	ND		20	6.6	ug/L			01/22/21 23:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/22/21 23:28	10
4-Bromofluorobenzene (Surr)	102		73 - 120		01/22/21 23:28	10
Toluene-d8 (Surr)	100		80 - 120		01/22/21 23:28	10
Dibromofluoromethane (Surr)	107		75 - 123		01/22/21 23:28	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	31.7		1.0	0.43	mg/L			01/24/21 00:12	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-13S

Lab Sample ID: 480-180395-3

Date Collected: 01/20/21 11:40

Matrix: Water

Date Received: 01/20/21 15:45

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			01/22/21 23:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/22/21 23:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/22/21 23:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/22/21 23:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/22/21 23:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/22/21 23:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/22/21 23:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/22/21 23:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/22/21 23:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/22/21 23:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/22/21 23:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/22/21 23:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/22/21 23:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/22/21 23:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/22/21 23:51	1
2-Hexanone	ND		5.0	1.2	ug/L			01/22/21 23:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/22/21 23:51	1
Acetone	ND		10	3.0	ug/L			01/22/21 23:51	1
Benzene	ND		1.0	0.41	ug/L			01/22/21 23:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/22/21 23:51	1
Bromoform	ND		1.0	0.26	ug/L			01/22/21 23:51	1
Bromomethane	ND		1.0	0.69	ug/L			01/22/21 23:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/22/21 23:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/22/21 23:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/22/21 23:51	1
Chloroethane	3.7		1.0	0.32	ug/L			01/22/21 23:51	1
Chloroform	ND		1.0	0.34	ug/L			01/22/21 23:51	1
Chloromethane	ND		1.0	0.35	ug/L			01/22/21 23:51	1
cis-1,2-Dichloroethene	7.3		1.0	0.81	ug/L			01/22/21 23:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/22/21 23:51	1
Cyclohexane	ND		1.0	0.18	ug/L			01/22/21 23:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/22/21 23:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/22/21 23:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/22/21 23:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/22/21 23:51	1
Methyl acetate	ND		2.5	1.3	ug/L			01/22/21 23:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/22/21 23:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/22/21 23:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/22/21 23:51	1
Styrene	ND		1.0	0.73	ug/L			01/22/21 23:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/22/21 23:51	1
Toluene	ND		1.0	0.51	ug/L			01/22/21 23:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/22/21 23:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/22/21 23:51	1
Trichloroethene	ND		1.0	0.46	ug/L			01/22/21 23:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/22/21 23:51	1
Vinyl chloride	6.8		1.0	0.90	ug/L			01/22/21 23:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/22/21 23:51	1

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-13S

Lab Sample ID: 480-180395-3

Date Collected: 01/20/21 11:40

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/22/21 23:51	1
4-Bromofluorobenzene (Surr)	103		73 - 120		01/22/21 23:51	1
Toluene-d8 (Surr)	100		80 - 120		01/22/21 23:51	1
Dibromofluoromethane (Surr)	108		75 - 123		01/22/21 23:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7.3		1.0	0.43	mg/L			01/22/21 04:34	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-13D

Lab Sample ID: 480-180395-4

Date Collected: 01/20/21 12:20

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 14:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/21/21 14:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/21/21 14:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/21/21 14:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/21/21 14:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/21/21 14:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/21/21 14:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/21/21 14:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/21/21 14:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/21/21 14:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/21/21 14:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/21/21 14:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/21/21 14:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/21/21 14:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/21/21 14:35	1
2-Hexanone	ND		5.0	1.2	ug/L			01/21/21 14:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/21/21 14:35	1
Acetone	ND		10	3.0	ug/L			01/21/21 14:35	1
Benzene	ND		1.0	0.41	ug/L			01/21/21 14:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/21/21 14:35	1
Bromoform	ND		1.0	0.26	ug/L			01/21/21 14:35	1
Bromomethane	ND		1.0	0.69	ug/L			01/21/21 14:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/21/21 14:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/21/21 14:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/21/21 14:35	1
Chloroethane	2.4		1.0	0.32	ug/L			01/21/21 14:35	1
Chloroform	ND		1.0	0.34	ug/L			01/21/21 14:35	1
Chloromethane	ND		1.0	0.35	ug/L			01/21/21 14:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/21/21 14:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/21/21 14:35	1
Cyclohexane	ND		1.0	0.18	ug/L			01/21/21 14:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/21/21 14:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/21/21 14:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/21/21 14:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/21/21 14:35	1
Methyl acetate	ND		2.5	1.3	ug/L			01/21/21 14:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/21/21 14:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/21/21 14:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/21/21 14:35	1
Styrene	ND		1.0	0.73	ug/L			01/21/21 14:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/21/21 14:35	1
Toluene	ND		1.0	0.51	ug/L			01/21/21 14:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/21/21 14:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/21/21 14:35	1
Trichloroethene	ND		1.0	0.46	ug/L			01/21/21 14:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/21/21 14:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/21/21 14:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/21/21 14:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-13D

Lab Sample ID: 480-180395-4

Date Collected: 01/20/21 12:20

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/21/21 14:35	1
4-Bromofluorobenzene (Surr)	102		73 - 120		01/21/21 14:35	1
Toluene-d8 (Surr)	98		80 - 120		01/21/21 14:35	1
Dibromofluoromethane (Surr)	109		75 - 123		01/21/21 14:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	6.2		1.0	0.43	mg/L			01/22/21 05:01	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-16S

Lab Sample ID: 480-180395-5

Date Collected: 01/20/21 14:55

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 14:59	1000
1,1,2,2-Tetrachloroethane	ND		1000	210	ug/L			01/21/21 14:59	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	310	ug/L			01/21/21 14:59	1000
1,1,2-Trichloroethane	ND		1000	230	ug/L			01/21/21 14:59	1000
1,1-Dichloroethane	ND		1000	380	ug/L			01/21/21 14:59	1000
1,1-Dichloroethene	ND		1000	290	ug/L			01/21/21 14:59	1000
1,2,4-Trichlorobenzene	ND		1000	410	ug/L			01/21/21 14:59	1000
1,2-Dibromo-3-Chloropropane	ND		1000	390	ug/L			01/21/21 14:59	1000
1,2-Dibromoethane	ND		1000	730	ug/L			01/21/21 14:59	1000
1,2-Dichlorobenzene	ND		1000	790	ug/L			01/21/21 14:59	1000
1,2-Dichloroethane	ND		1000	210	ug/L			01/21/21 14:59	1000
1,2-Dichloropropane	ND		1000	720	ug/L			01/21/21 14:59	1000
1,3-Dichlorobenzene	ND		1000	780	ug/L			01/21/21 14:59	1000
1,4-Dichlorobenzene	ND		1000	840	ug/L			01/21/21 14:59	1000
2-Butanone (MEK)	ND		10000	1300	ug/L			01/21/21 14:59	1000
2-Hexanone	ND		5000	1200	ug/L			01/21/21 14:59	1000
4-Methyl-2-pentanone (MIBK)	ND		5000	2100	ug/L			01/21/21 14:59	1000
Acetone	ND		10000	3000	ug/L			01/21/21 14:59	1000
Benzene	ND		1000	410	ug/L			01/21/21 14:59	1000
Bromodichloromethane	ND		1000	390	ug/L			01/21/21 14:59	1000
Bromoform	ND		1000	260	ug/L			01/21/21 14:59	1000
Bromomethane	ND		1000	690	ug/L			01/21/21 14:59	1000
Carbon disulfide	ND		1000	190	ug/L			01/21/21 14:59	1000
Carbon tetrachloride	ND		1000	270	ug/L			01/21/21 14:59	1000
Chlorobenzene	ND		1000	750	ug/L			01/21/21 14:59	1000
Chloroethane	ND		1000	320	ug/L			01/21/21 14:59	1000
Chloroform	ND		1000	340	ug/L			01/21/21 14:59	1000
Chloromethane	ND		1000	350	ug/L			01/21/21 14:59	1000
cis-1,2-Dichloroethene	46000		1000	810	ug/L			01/21/21 14:59	1000
cis-1,3-Dichloropropene	ND		1000	360	ug/L			01/21/21 14:59	1000
Cyclohexane	ND		1000	180	ug/L			01/21/21 14:59	1000
Dibromochloromethane	ND		1000	320	ug/L			01/21/21 14:59	1000
Dichlorodifluoromethane	ND		1000	680	ug/L			01/21/21 14:59	1000
Ethylbenzene	ND		1000	740	ug/L			01/21/21 14:59	1000
Isopropylbenzene	ND		1000	790	ug/L			01/21/21 14:59	1000
Methyl acetate	ND		2500	1300	ug/L			01/21/21 14:59	1000
Methyl tert-butyl ether	ND		1000	160	ug/L			01/21/21 14:59	1000
Methylcyclohexane	ND		1000	160	ug/L			01/21/21 14:59	1000
Methylene Chloride	740 J		1000	440	ug/L			01/21/21 14:59	1000
Styrene	ND		1000	730	ug/L			01/21/21 14:59	1000
Tetrachloroethene	ND		1000	360	ug/L			01/21/21 14:59	1000
Toluene	600 J		1000	510	ug/L			01/21/21 14:59	1000
trans-1,2-Dichloroethene	ND		1000	900	ug/L			01/21/21 14:59	1000
trans-1,3-Dichloropropene	ND		1000	370	ug/L			01/21/21 14:59	1000
Trichloroethene	ND		1000	460	ug/L			01/21/21 14:59	1000
Trichlorofluoromethane	ND		1000	880	ug/L			01/21/21 14:59	1000
Vinyl chloride	85000		1000	900	ug/L			01/21/21 14:59	1000
Xylenes, Total	ND		2000	660	ug/L			01/21/21 14:59	1000

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-16S

Lab Sample ID: 480-180395-5

Date Collected: 01/20/21 14:55

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/21/21 14:59	1000
4-Bromofluorobenzene (Surr)	104		73 - 120		01/21/21 14:59	1000
Toluene-d8 (Surr)	101		80 - 120		01/21/21 14:59	1000
Dibromofluoromethane (Surr)	107		75 - 123		01/21/21 14:59	1000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	227		8.0	3.5	mg/L			01/22/21 05:29	8

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: MW-16D

Lab Sample ID: 480-180395-6

Date Collected: 01/20/21 14:25

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 15:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/21/21 15:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/21/21 15:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/21/21 15:22	1
1,1-Dichloroethane	1.2		1.0	0.38	ug/L			01/21/21 15:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/21/21 15:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/21/21 15:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/21/21 15:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/21/21 15:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/21/21 15:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/21/21 15:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/21/21 15:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/21/21 15:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/21/21 15:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/21/21 15:22	1
2-Hexanone	ND		5.0	1.2	ug/L			01/21/21 15:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/21/21 15:22	1
Acetone	ND		10	3.0	ug/L			01/21/21 15:22	1
Benzene	ND		1.0	0.41	ug/L			01/21/21 15:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/21/21 15:22	1
Bromoform	ND		1.0	0.26	ug/L			01/21/21 15:22	1
Bromomethane	ND		1.0	0.69	ug/L			01/21/21 15:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/21/21 15:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/21/21 15:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/21/21 15:22	1
Chloroethane	34		1.0	0.32	ug/L			01/21/21 15:22	1
Chloroform	ND		1.0	0.34	ug/L			01/21/21 15:22	1
Chloromethane	ND		1.0	0.35	ug/L			01/21/21 15:22	1
cis-1,2-Dichloroethene	10		1.0	0.81	ug/L			01/21/21 15:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/21/21 15:22	1
Cyclohexane	ND		1.0	0.18	ug/L			01/21/21 15:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/21/21 15:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/21/21 15:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/21/21 15:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/21/21 15:22	1
Methyl acetate	ND		2.5	1.3	ug/L			01/21/21 15:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/21/21 15:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/21/21 15:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/21/21 15:22	1
Styrene	ND		1.0	0.73	ug/L			01/21/21 15:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/21/21 15:22	1
Toluene	ND		1.0	0.51	ug/L			01/21/21 15:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/21/21 15:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/21/21 15:22	1
Trichloroethene	0.85 J		1.0	0.46	ug/L			01/21/21 15:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/21/21 15:22	1
Vinyl chloride	3.3		1.0	0.90	ug/L			01/21/21 15:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/21/21 15:22	1

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-16D

Lab Sample ID: 480-180395-6

Date Collected: 01/20/21 14:25

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		01/21/21 15:22	1
4-Bromofluorobenzene (Surr)	102		73 - 120		01/21/21 15:22	1
Toluene-d8 (Surr)	98		80 - 120		01/21/21 15:22	1
Dibromofluoromethane (Surr)	107		75 - 123		01/21/21 15:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.9		1.0	0.43	mg/L			01/22/21 05:56	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-1

Lab Sample ID: 480-180395-7

Date Collected: 01/20/21 09:30

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 15:46	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/21/21 15:46	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			01/21/21 15:46	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/21/21 15:46	4
1,1-Dichloroethane	3.2	J	4.0	1.5	ug/L			01/21/21 15:46	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			01/21/21 15:46	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			01/21/21 15:46	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			01/21/21 15:46	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			01/21/21 15:46	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			01/21/21 15:46	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/21/21 15:46	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/21/21 15:46	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			01/21/21 15:46	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			01/21/21 15:46	4
2-Butanone (MEK)	83		40	5.3	ug/L			01/21/21 15:46	4
2-Hexanone	ND		20	5.0	ug/L			01/21/21 15:46	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/21/21 15:46	4
Acetone	290		40	12	ug/L			01/21/21 15:46	4
Benzene	ND		4.0	1.6	ug/L			01/21/21 15:46	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/21/21 15:46	4
Bromoform	ND		4.0	1.0	ug/L			01/21/21 15:46	4
Bromomethane	ND		4.0	2.8	ug/L			01/21/21 15:46	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/21/21 15:46	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/21/21 15:46	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/21/21 15:46	4
Chloroethane	ND		4.0	1.3	ug/L			01/21/21 15:46	4
Chloroform	ND		4.0	1.4	ug/L			01/21/21 15:46	4
Chloromethane	ND		4.0	1.4	ug/L			01/21/21 15:46	4
cis-1,2-Dichloroethene	4.4		4.0	3.2	ug/L			01/21/21 15:46	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/21/21 15:46	4
Cyclohexane	ND		4.0	0.72	ug/L			01/21/21 15:46	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/21/21 15:46	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			01/21/21 15:46	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/21/21 15:46	4
Isopropylbenzene	ND		4.0	3.2	ug/L			01/21/21 15:46	4
Methyl acetate	ND		10	5.2	ug/L			01/21/21 15:46	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			01/21/21 15:46	4
Methylcyclohexane	ND		4.0	0.64	ug/L			01/21/21 15:46	4
Methylene Chloride	8.1		4.0	1.8	ug/L			01/21/21 15:46	4
Styrene	ND		4.0	2.9	ug/L			01/21/21 15:46	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/21/21 15:46	4
Toluene	ND		4.0	2.0	ug/L			01/21/21 15:46	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			01/21/21 15:46	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/21/21 15:46	4
Trichloroethene	ND		4.0	1.8	ug/L			01/21/21 15:46	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			01/21/21 15:46	4
Vinyl chloride	ND		4.0	3.6	ug/L			01/21/21 15:46	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/21/21 15:46	4

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-1

Lab Sample ID: 480-180395-7

Date Collected: 01/20/21 09:30

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/21/21 15:46	4
4-Bromofluorobenzene (Surr)	102		73 - 120		01/21/21 15:46	4
Toluene-d8 (Surr)	97		80 - 120		01/21/21 15:46	4
Dibromofluoromethane (Surr)	107		75 - 123		01/21/21 15:46	4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	238		4.0	1.7	mg/L			01/22/21 06:26	4

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-2

Lab Sample ID: 480-180395-8

Date Collected: 01/20/21 10:30

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 16:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/21/21 16:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/21/21 16:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/21/21 16:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/21/21 16:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/21/21 16:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/21/21 16:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/21/21 16:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/21/21 16:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/21/21 16:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/21/21 16:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/21/21 16:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/21/21 16:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/21/21 16:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/21/21 16:09	1
2-Hexanone	ND		5.0	1.2	ug/L			01/21/21 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/21/21 16:09	1
Acetone	4.2	J	10	3.0	ug/L			01/21/21 16:09	1
Benzene	ND		1.0	0.41	ug/L			01/21/21 16:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/21/21 16:09	1
Bromoform	ND		1.0	0.26	ug/L			01/21/21 16:09	1
Bromomethane	ND		1.0	0.69	ug/L			01/21/21 16:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/21/21 16:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/21/21 16:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/21/21 16:09	1
Chloroethane	2.9		1.0	0.32	ug/L			01/21/21 16:09	1
Chloroform	ND		1.0	0.34	ug/L			01/21/21 16:09	1
Chloromethane	ND		1.0	0.35	ug/L			01/21/21 16:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/21/21 16:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/21/21 16:09	1
Cyclohexane	ND		1.0	0.18	ug/L			01/21/21 16:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/21/21 16:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/21/21 16:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/21/21 16:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/21/21 16:09	1
Methyl acetate	ND		2.5	1.3	ug/L			01/21/21 16:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/21/21 16:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/21/21 16:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/21/21 16:09	1
Styrene	ND		1.0	0.73	ug/L			01/21/21 16:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/21/21 16:09	1
Toluene	ND		1.0	0.51	ug/L			01/21/21 16:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/21/21 16:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/21/21 16:09	1
Trichloroethene	ND		1.0	0.46	ug/L			01/21/21 16:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/21/21 16:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/21/21 16:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/21/21 16:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-2

Lab Sample ID: 480-180395-8

Date Collected: 01/20/21 10:30

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/21/21 16:09	1
4-Bromofluorobenzene (Surr)	101		73 - 120		01/21/21 16:09	1
Toluene-d8 (Surr)	99		80 - 120		01/21/21 16:09	1
Dibromofluoromethane (Surr)	107		75 - 123		01/21/21 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	9.4		1.0	0.43	mg/L			01/22/21 09:15	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-3

Lab Sample ID: 480-180395-9

Date Collected: 01/20/21 10:45

Matrix: Water

Date Received: 01/20/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25	21	ug/L			01/21/21 16:32	25
1,1,2,2-Tetrachloroethane	ND		25	5.3	ug/L			01/21/21 16:32	25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25	7.8	ug/L			01/21/21 16:32	25
1,1,2-Trichloroethane	ND		25	5.8	ug/L			01/21/21 16:32	25
1,1-Dichloroethane	ND		25	9.5	ug/L			01/21/21 16:32	25
1,1-Dichloroethene	ND		25	7.3	ug/L			01/21/21 16:32	25
1,2,4-Trichlorobenzene	ND		25	10	ug/L			01/21/21 16:32	25
1,2-Dibromo-3-Chloropropane	ND		25	9.8	ug/L			01/21/21 16:32	25
1,2-Dibromoethane	ND		25	18	ug/L			01/21/21 16:32	25
1,2-Dichlorobenzene	ND		25	20	ug/L			01/21/21 16:32	25
1,2-Dichloroethane	ND		25	5.3	ug/L			01/21/21 16:32	25
1,2-Dichloropropane	ND		25	18	ug/L			01/21/21 16:32	25
1,3-Dichlorobenzene	ND		25	20	ug/L			01/21/21 16:32	25
1,4-Dichlorobenzene	ND		25	21	ug/L			01/21/21 16:32	25
2-Butanone (MEK)	ND		250	33	ug/L			01/21/21 16:32	25
2-Hexanone	ND		130	31	ug/L			01/21/21 16:32	25
4-Methyl-2-pentanone (MIBK)	ND		130	53	ug/L			01/21/21 16:32	25
Acetone	ND		250	75	ug/L			01/21/21 16:32	25
Benzene	ND		25	10	ug/L			01/21/21 16:32	25
Bromodichloromethane	ND		25	9.8	ug/L			01/21/21 16:32	25
Bromoform	ND		25	6.5	ug/L			01/21/21 16:32	25
Bromomethane	ND		25	17	ug/L			01/21/21 16:32	25
Carbon disulfide	ND		25	4.8	ug/L			01/21/21 16:32	25
Carbon tetrachloride	ND		25	6.8	ug/L			01/21/21 16:32	25
Chlorobenzene	ND		25	19	ug/L			01/21/21 16:32	25
Chloroethane	ND		25	8.0	ug/L			01/21/21 16:32	25
Chloroform	ND		25	8.5	ug/L			01/21/21 16:32	25
Chloromethane	ND		25	8.8	ug/L			01/21/21 16:32	25
cis-1,2-Dichloroethene	620		25	20	ug/L			01/21/21 16:32	25
cis-1,3-Dichloropropene	ND		25	9.0	ug/L			01/21/21 16:32	25
Cyclohexane	ND		25	4.5	ug/L			01/21/21 16:32	25
Dibromochloromethane	ND		25	8.0	ug/L			01/21/21 16:32	25
Dichlorodifluoromethane	ND		25	17	ug/L			01/21/21 16:32	25
Ethylbenzene	ND		25	19	ug/L			01/21/21 16:32	25
Isopropylbenzene	ND		25	20	ug/L			01/21/21 16:32	25
Methyl acetate	ND		63	33	ug/L			01/21/21 16:32	25
Methyl tert-butyl ether	ND		25	4.0	ug/L			01/21/21 16:32	25
Methylcyclohexane	ND		25	4.0	ug/L			01/21/21 16:32	25
Methylene Chloride	32		25	11	ug/L			01/21/21 16:32	25
Styrene	ND		25	18	ug/L			01/21/21 16:32	25
Tetrachloroethene	ND		25	9.0	ug/L			01/21/21 16:32	25
Toluene	ND		25	13	ug/L			01/21/21 16:32	25
trans-1,2-Dichloroethene	ND		25	23	ug/L			01/21/21 16:32	25
trans-1,3-Dichloropropene	ND		25	9.3	ug/L			01/21/21 16:32	25
Trichloroethene	160		25	12	ug/L			01/21/21 16:32	25
Trichlorofluoromethane	ND		25	22	ug/L			01/21/21 16:32	25
Vinyl chloride	140		25	23	ug/L			01/21/21 16:32	25
Xylenes, Total	ND		50	17	ug/L			01/21/21 16:32	25

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-3

Lab Sample ID: 480-180395-9

Date Collected: 01/20/21 10:45

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/21/21 16:32	25
4-Bromofluorobenzene (Surr)	103		73 - 120		01/21/21 16:32	25
Toluene-d8 (Surr)	100		80 - 120		01/21/21 16:32	25
Dibromofluoromethane (Surr)	106		75 - 123		01/21/21 16:32	25

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	30.7		1.0	0.43	mg/L			01/22/21 10:13	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-4

Lab Sample ID: 480-180395-10

Date Collected: 01/20/21 10:10

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 16:55	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			01/21/21 16:55	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			01/21/21 16:55	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			01/21/21 16:55	10
1,1-Dichloroethane	14		10	3.8	ug/L			01/21/21 16:55	10
1,1-Dichloroethene	ND		10	2.9	ug/L			01/21/21 16:55	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			01/21/21 16:55	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			01/21/21 16:55	10
1,2-Dibromoethane	ND		10	7.3	ug/L			01/21/21 16:55	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			01/21/21 16:55	10
1,2-Dichloroethane	ND		10	2.1	ug/L			01/21/21 16:55	10
1,2-Dichloropropane	ND		10	7.2	ug/L			01/21/21 16:55	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			01/21/21 16:55	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			01/21/21 16:55	10
2-Butanone (MEK)	ND		100	13	ug/L			01/21/21 16:55	10
2-Hexanone	ND		50	12	ug/L			01/21/21 16:55	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			01/21/21 16:55	10
Acetone	ND		100	30	ug/L			01/21/21 16:55	10
Benzene	ND		10	4.1	ug/L			01/21/21 16:55	10
Bromodichloromethane	ND		10	3.9	ug/L			01/21/21 16:55	10
Bromoform	ND		10	2.6	ug/L			01/21/21 16:55	10
Bromomethane	ND		10	6.9	ug/L			01/21/21 16:55	10
Carbon disulfide	ND		10	1.9	ug/L			01/21/21 16:55	10
Carbon tetrachloride	ND		10	2.7	ug/L			01/21/21 16:55	10
Chlorobenzene	ND		10	7.5	ug/L			01/21/21 16:55	10
Chloroethane	ND		10	3.2	ug/L			01/21/21 16:55	10
Chloroform	ND		10	3.4	ug/L			01/21/21 16:55	10
Chloromethane	ND		10	3.5	ug/L			01/21/21 16:55	10
cis-1,2-Dichloroethene	2500 E		10	8.1	ug/L			01/21/21 16:55	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			01/21/21 16:55	10
Cyclohexane	ND		10	1.8	ug/L			01/21/21 16:55	10
Dibromochloromethane	ND		10	3.2	ug/L			01/21/21 16:55	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			01/21/21 16:55	10
Ethylbenzene	ND		10	7.4	ug/L			01/21/21 16:55	10
Isopropylbenzene	ND		10	7.9	ug/L			01/21/21 16:55	10
Methyl acetate	ND		25	13	ug/L			01/21/21 16:55	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			01/21/21 16:55	10
Methylcyclohexane	ND		10	1.6	ug/L			01/21/21 16:55	10
Methylene Chloride	12		10	4.4	ug/L			01/21/21 16:55	10
Styrene	ND		10	7.3	ug/L			01/21/21 16:55	10
Tetrachloroethene	ND		10	3.6	ug/L			01/21/21 16:55	10
Toluene	7.0 J		10	5.1	ug/L			01/21/21 16:55	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			01/21/21 16:55	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			01/21/21 16:55	10
Trichloroethene	6.1 J		10	4.6	ug/L			01/21/21 16:55	10
Trichlorofluoromethane	ND		10	8.8	ug/L			01/21/21 16:55	10
Vinyl chloride	1500 E		10	9.0	ug/L			01/21/21 16:55	10
Xylenes, Total	ND		20	6.6	ug/L			01/21/21 16:55	10

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-4

Lab Sample ID: 480-180395-10

Date Collected: 01/20/21 10:10

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/21/21 16:55	10
4-Bromofluorobenzene (Surr)	104		73 - 120		01/21/21 16:55	10
Toluene-d8 (Surr)	100		80 - 120		01/21/21 16:55	10
Dibromofluoromethane (Surr)	107		75 - 123		01/21/21 16:55	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			01/23/21 00:14	50
1,1,2,2-Tetrachloroethane	ND		50	11	ug/L			01/23/21 00:14	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			01/23/21 00:14	50
1,1,2-Trichloroethane	ND		50	12	ug/L			01/23/21 00:14	50
1,1-Dichloroethane	ND		50	19	ug/L			01/23/21 00:14	50
1,1-Dichloroethene	ND		50	15	ug/L			01/23/21 00:14	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			01/23/21 00:14	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			01/23/21 00:14	50
1,2-Dibromoethane	ND		50	37	ug/L			01/23/21 00:14	50
1,2-Dichlorobenzene	ND		50	40	ug/L			01/23/21 00:14	50
1,2-Dichloroethane	ND		50	11	ug/L			01/23/21 00:14	50
1,2-Dichloropropane	ND		50	36	ug/L			01/23/21 00:14	50
1,3-Dichlorobenzene	ND		50	39	ug/L			01/23/21 00:14	50
1,4-Dichlorobenzene	ND		50	42	ug/L			01/23/21 00:14	50
2-Butanone (MEK)	ND		500	66	ug/L			01/23/21 00:14	50
2-Hexanone	ND		250	62	ug/L			01/23/21 00:14	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			01/23/21 00:14	50
Acetone	ND		500	150	ug/L			01/23/21 00:14	50
Benzene	ND		50	21	ug/L			01/23/21 00:14	50
Bromodichloromethane	ND		50	20	ug/L			01/23/21 00:14	50
Bromoform	ND		50	13	ug/L			01/23/21 00:14	50
Bromomethane	ND		50	35	ug/L			01/23/21 00:14	50
Carbon disulfide	ND		50	9.5	ug/L			01/23/21 00:14	50
Carbon tetrachloride	ND		50	14	ug/L			01/23/21 00:14	50
Chlorobenzene	ND		50	38	ug/L			01/23/21 00:14	50
Chloroethane	ND		50	16	ug/L			01/23/21 00:14	50
Chloroform	ND		50	17	ug/L			01/23/21 00:14	50
Chloromethane	ND		50	18	ug/L			01/23/21 00:14	50
cis-1,2-Dichloroethene	2500		50	41	ug/L			01/23/21 00:14	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			01/23/21 00:14	50
Cyclohexane	ND		50	9.0	ug/L			01/23/21 00:14	50
Dibromochloromethane	ND		50	16	ug/L			01/23/21 00:14	50
Dichlorodifluoromethane	ND		50	34	ug/L			01/23/21 00:14	50
Ethylbenzene	ND		50	37	ug/L			01/23/21 00:14	50
Isopropylbenzene	ND		50	40	ug/L			01/23/21 00:14	50
Methyl acetate	ND		130	65	ug/L			01/23/21 00:14	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			01/23/21 00:14	50
Methylcyclohexane	ND		50	8.0	ug/L			01/23/21 00:14	50
Methylene Chloride	ND		50	22	ug/L			01/23/21 00:14	50
Styrene	ND		50	37	ug/L			01/23/21 00:14	50
Tetrachloroethene	ND		50	18	ug/L			01/23/21 00:14	50
Toluene	ND		50	26	ug/L			01/23/21 00:14	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			01/23/21 00:14	50

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-4

Lab Sample ID: 480-180395-10

Date Collected: 01/20/21 10:10

Matrix: Water

Date Received: 01/20/21 15:45

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		50	19	ug/L			01/23/21 00:14	50
Trichloroethene	ND		50	23	ug/L			01/23/21 00:14	50
Trichlorofluoromethane	ND		50	44	ug/L			01/23/21 00:14	50
Vinyl chloride	1700		50	45	ug/L			01/23/21 00:14	50
Xylenes, Total	ND		100	33	ug/L			01/23/21 00:14	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		01/23/21 00:14	50
4-Bromofluorobenzene (Surr)	103		73 - 120		01/23/21 00:14	50
Toluene-d8 (Surr)	100		80 - 120		01/23/21 00:14	50
Dibromofluoromethane (Surr)	107		75 - 123		01/23/21 00:14	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	39.9		1.0	0.43	mg/L			01/22/21 11:10	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-5

Lab Sample ID: 480-180395-11

Date Collected: 01/20/21 09:15

Matrix: Water

Date Received: 01/20/21 15:45

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			01/23/21 00:37	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/23/21 00:37	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			01/23/21 00:37	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/23/21 00:37	4
1,1-Dichloroethane	26		4.0	1.5	ug/L			01/23/21 00:37	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			01/23/21 00:37	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			01/23/21 00:37	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			01/23/21 00:37	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			01/23/21 00:37	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			01/23/21 00:37	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/23/21 00:37	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/23/21 00:37	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			01/23/21 00:37	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			01/23/21 00:37	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/23/21 00:37	4
2-Hexanone	ND		20	5.0	ug/L			01/23/21 00:37	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/23/21 00:37	4
Acetone	51		40	12	ug/L			01/23/21 00:37	4
Benzene	ND		4.0	1.6	ug/L			01/23/21 00:37	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/23/21 00:37	4
Bromoform	ND		4.0	1.0	ug/L			01/23/21 00:37	4
Bromomethane	ND		4.0	2.8	ug/L			01/23/21 00:37	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/23/21 00:37	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/23/21 00:37	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/23/21 00:37	4
Chloroethane	55		4.0	1.3	ug/L			01/23/21 00:37	4
Chloroform	ND		4.0	1.4	ug/L			01/23/21 00:37	4
Chloromethane	ND		4.0	1.4	ug/L			01/23/21 00:37	4
cis-1,2-Dichloroethene	44		4.0	3.2	ug/L			01/23/21 00:37	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/23/21 00:37	4
Cyclohexane	ND		4.0	0.72	ug/L			01/23/21 00:37	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/23/21 00:37	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			01/23/21 00:37	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/23/21 00:37	4
Isopropylbenzene	ND		4.0	3.2	ug/L			01/23/21 00:37	4
Methyl acetate	ND		10	5.2	ug/L			01/23/21 00:37	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			01/23/21 00:37	4
Methylcyclohexane	ND		4.0	0.64	ug/L			01/23/21 00:37	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/23/21 00:37	4
Styrene	ND		4.0	2.9	ug/L			01/23/21 00:37	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/23/21 00:37	4
Toluene	5.0		4.0	2.0	ug/L			01/23/21 00:37	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			01/23/21 00:37	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/23/21 00:37	4
Trichloroethene	ND		4.0	1.8	ug/L			01/23/21 00:37	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			01/23/21 00:37	4
Vinyl chloride	47		4.0	3.6	ug/L			01/23/21 00:37	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/23/21 00:37	4

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-5

Lab Sample ID: 480-180395-11

Date Collected: 01/20/21 09:15

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		01/23/21 00:37	4
4-Bromofluorobenzene (Surr)	102		73 - 120		01/23/21 00:37	4
Toluene-d8 (Surr)	100		80 - 120		01/23/21 00:37	4
Dibromofluoromethane (Surr)	107		75 - 123		01/23/21 00:37	4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	69.4		1.0	0.43	mg/L			01/22/21 11:38	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-6

Lab Sample ID: 480-180395-12

Date Collected: 01/20/21 09:50

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 17:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/21/21 17:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/21/21 17:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/21/21 17:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/21/21 17:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/21/21 17:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/21/21 17:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/21/21 17:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/21/21 17:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/21/21 17:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/21/21 17:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/21/21 17:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/21/21 17:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/21/21 17:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/21/21 17:41	1
2-Hexanone	ND		5.0	1.2	ug/L			01/21/21 17:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/21/21 17:41	1
Acetone	ND		10	3.0	ug/L			01/21/21 17:41	1
Benzene	ND		1.0	0.41	ug/L			01/21/21 17:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/21/21 17:41	1
Bromoform	ND		1.0	0.26	ug/L			01/21/21 17:41	1
Bromomethane	ND		1.0	0.69	ug/L			01/21/21 17:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/21/21 17:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/21/21 17:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/21/21 17:41	1
Chloroethane	ND		1.0	0.32	ug/L			01/21/21 17:41	1
Chloroform	ND		1.0	0.34	ug/L			01/21/21 17:41	1
Chloromethane	ND		1.0	0.35	ug/L			01/21/21 17:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/21/21 17:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/21/21 17:41	1
Cyclohexane	ND		1.0	0.18	ug/L			01/21/21 17:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/21/21 17:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/21/21 17:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/21/21 17:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/21/21 17:41	1
Methyl acetate	ND		2.5	1.3	ug/L			01/21/21 17:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/21/21 17:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/21/21 17:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/21/21 17:41	1
Styrene	ND		1.0	0.73	ug/L			01/21/21 17:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/21/21 17:41	1
Toluene	ND		1.0	0.51	ug/L			01/21/21 17:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/21/21 17:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/21/21 17:41	1
Trichloroethene	ND		1.0	0.46	ug/L			01/21/21 17:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/21/21 17:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/21/21 17:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/21/21 17:41	1

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-6

Lab Sample ID: 480-180395-12

Date Collected: 01/20/21 09:50

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		01/21/21 17:41	1
4-Bromofluorobenzene (Surr)	102		73 - 120		01/21/21 17:41	1
Toluene-d8 (Surr)	99		80 - 120		01/21/21 17:41	1
Dibromofluoromethane (Surr)	105		75 - 123		01/21/21 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.2		1.0	0.43	mg/L			01/22/21 12:06	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-7

Lab Sample ID: 480-180395-13

Date Collected: 01/20/21 11:05

Matrix: Water

Date Received: 01/20/21 15:45

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			01/23/21 01:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/23/21 01:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/23/21 01:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/23/21 01:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/23/21 01:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/23/21 01:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/23/21 01:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/23/21 01:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/23/21 01:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/23/21 01:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/23/21 01:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/23/21 01:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/23/21 01:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/23/21 01:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/23/21 01:00	1
2-Hexanone	ND		5.0	1.2	ug/L			01/23/21 01:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/23/21 01:00	1
Acetone	ND		10	3.0	ug/L			01/23/21 01:00	1
Benzene	ND		1.0	0.41	ug/L			01/23/21 01:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/23/21 01:00	1
Bromoform	ND		1.0	0.26	ug/L			01/23/21 01:00	1
Bromomethane	ND		1.0	0.69	ug/L			01/23/21 01:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/23/21 01:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/23/21 01:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/23/21 01:00	1
Chloroethane	82		1.0	0.32	ug/L			01/23/21 01:00	1
Chloroform	ND		1.0	0.34	ug/L			01/23/21 01:00	1
Chloromethane	ND		1.0	0.35	ug/L			01/23/21 01:00	1
cis-1,2-Dichloroethene	0.96 J		1.0	0.81	ug/L			01/23/21 01:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/23/21 01:00	1
Cyclohexane	ND		1.0	0.18	ug/L			01/23/21 01:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/23/21 01:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/23/21 01:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/23/21 01:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/23/21 01:00	1
Methyl acetate	ND		2.5	1.3	ug/L			01/23/21 01:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/23/21 01:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/23/21 01:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/23/21 01:00	1
Styrene	ND		1.0	0.73	ug/L			01/23/21 01:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/23/21 01:00	1
Toluene	1.3		1.0	0.51	ug/L			01/23/21 01:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/23/21 01:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/23/21 01:00	1
Trichloroethene	ND		1.0	0.46	ug/L			01/23/21 01:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/23/21 01:00	1
Vinyl chloride	6.4		1.0	0.90	ug/L			01/23/21 01:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/23/21 01:00	1

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-7

Lab Sample ID: 480-180395-13

Date Collected: 01/20/21 11:05

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		01/23/21 01:00	1
4-Bromofluorobenzene (Surr)	102		73 - 120		01/23/21 01:00	1
Toluene-d8 (Surr)	100		80 - 120		01/23/21 01:00	1
Dibromofluoromethane (Surr)	108		75 - 123		01/23/21 01:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	12.3		2.0	0.87	mg/L			01/22/21 12:34	2

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: DPE-8

Lab Sample ID: 480-180395-14

Date Collected: 01/20/21 11:30

Matrix: Water

Date Received: 01/20/21 15:45

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			01/23/21 01:23	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			01/23/21 01:23	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			01/23/21 01:23	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			01/23/21 01:23	10
1,1-Dichloroethane	30		10	3.8	ug/L			01/23/21 01:23	10
1,1-Dichloroethene	ND		10	2.9	ug/L			01/23/21 01:23	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			01/23/21 01:23	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			01/23/21 01:23	10
1,2-Dibromoethane	ND		10	7.3	ug/L			01/23/21 01:23	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			01/23/21 01:23	10
1,2-Dichloroethane	ND		10	2.1	ug/L			01/23/21 01:23	10
1,2-Dichloropropane	ND		10	7.2	ug/L			01/23/21 01:23	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			01/23/21 01:23	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			01/23/21 01:23	10
2-Butanone (MEK)	ND		100	13	ug/L			01/23/21 01:23	10
2-Hexanone	ND		50	12	ug/L			01/23/21 01:23	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			01/23/21 01:23	10
Acetone	ND		100	30	ug/L			01/23/21 01:23	10
Benzene	ND		10	4.1	ug/L			01/23/21 01:23	10
Bromodichloromethane	ND		10	3.9	ug/L			01/23/21 01:23	10
Bromoform	ND		10	2.6	ug/L			01/23/21 01:23	10
Bromomethane	ND		10	6.9	ug/L			01/23/21 01:23	10
Carbon disulfide	ND		10	1.9	ug/L			01/23/21 01:23	10
Carbon tetrachloride	ND		10	2.7	ug/L			01/23/21 01:23	10
Chlorobenzene	ND		10	7.5	ug/L			01/23/21 01:23	10
Chloroethane	ND		10	3.2	ug/L			01/23/21 01:23	10
Chloroform	ND		10	3.4	ug/L			01/23/21 01:23	10
Chloromethane	ND		10	3.5	ug/L			01/23/21 01:23	10
cis-1,2-Dichloroethene	450		10	8.1	ug/L			01/23/21 01:23	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			01/23/21 01:23	10
Cyclohexane	ND		10	1.8	ug/L			01/23/21 01:23	10
Dibromochloromethane	ND		10	3.2	ug/L			01/23/21 01:23	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			01/23/21 01:23	10
Ethylbenzene	ND		10	7.4	ug/L			01/23/21 01:23	10
Isopropylbenzene	ND		10	7.9	ug/L			01/23/21 01:23	10
Methyl acetate	ND		25	13	ug/L			01/23/21 01:23	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			01/23/21 01:23	10
Methylcyclohexane	ND		10	1.6	ug/L			01/23/21 01:23	10
Methylene Chloride	ND		10	4.4	ug/L			01/23/21 01:23	10
Styrene	ND		10	7.3	ug/L			01/23/21 01:23	10
Tetrachloroethene	ND		10	3.6	ug/L			01/23/21 01:23	10
Toluene	ND		10	5.1	ug/L			01/23/21 01:23	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			01/23/21 01:23	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			01/23/21 01:23	10
Trichloroethene	ND		10	4.6	ug/L			01/23/21 01:23	10
Trichlorofluoromethane	ND		10	8.8	ug/L			01/23/21 01:23	10
Vinyl chloride	380		10	9.0	ug/L			01/23/21 01:23	10
Xylenes, Total	ND		20	6.6	ug/L			01/23/21 01:23	10

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-8

Lab Sample ID: 480-180395-14

Date Collected: 01/20/21 11:30

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		01/23/21 01:23	10
4-Bromofluorobenzene (Surr)	104		73 - 120		01/23/21 01:23	10
Toluene-d8 (Surr)	101		80 - 120		01/23/21 01:23	10
Dibromofluoromethane (Surr)	107		75 - 123		01/23/21 01:23	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	16.8		1.0	0.43	mg/L			01/22/21 14:00	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: GWCT

Lab Sample ID: 480-180395-15

Date Collected: 01/20/21 09:00

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 18:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/21/21 18:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/21/21 18:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/21/21 18:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/21/21 18:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/21/21 18:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/21/21 18:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/21/21 18:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/21/21 18:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/21/21 18:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/21/21 18:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/21/21 18:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/21/21 18:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/21/21 18:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/21/21 18:50	1
2-Hexanone	ND		5.0	1.2	ug/L			01/21/21 18:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/21/21 18:50	1
Acetone	ND		10	3.0	ug/L			01/21/21 18:50	1
Benzene	ND		1.0	0.41	ug/L			01/21/21 18:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/21/21 18:50	1
Bromoform	ND		1.0	0.26	ug/L			01/21/21 18:50	1
Bromomethane	ND		1.0	0.69	ug/L			01/21/21 18:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/21/21 18:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/21/21 18:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/21/21 18:50	1
Chloroethane	24		1.0	0.32	ug/L			01/21/21 18:50	1
Chloroform	ND		1.0	0.34	ug/L			01/21/21 18:50	1
Chloromethane	ND		1.0	0.35	ug/L			01/21/21 18:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/21/21 18:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/21/21 18:50	1
Cyclohexane	ND		1.0	0.18	ug/L			01/21/21 18:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/21/21 18:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/21/21 18:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/21/21 18:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/21/21 18:50	1
Methyl acetate	ND		2.5	1.3	ug/L			01/21/21 18:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/21/21 18:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/21/21 18:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/21/21 18:50	1
Styrene	ND		1.0	0.73	ug/L			01/21/21 18:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/21/21 18:50	1
Toluene	ND		1.0	0.51	ug/L			01/21/21 18:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/21/21 18:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/21/21 18:50	1
Trichloroethene	ND		1.0	0.46	ug/L			01/21/21 18:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/21/21 18:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/21/21 18:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/21/21 18:50	1

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Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: GWCT

Lab Sample ID: 480-180395-15

Date Collected: 01/20/21 09:00

Matrix: Water

Date Received: 01/20/21 15:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		01/21/21 18:50	1
4-Bromofluorobenzene (Surr)	103		73 - 120		01/21/21 18:50	1
Toluene-d8 (Surr)	100		80 - 120		01/21/21 18:50	1
Dibromofluoromethane (Surr)	108		75 - 123		01/21/21 18:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.5		1.0	0.43	mg/L			01/22/21 14:55	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: Rinse Blank

Lab Sample ID: 480-180395-16

Date Collected: 01/20/21 08:30

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 19:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/21/21 19:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/21/21 19:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/21/21 19:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/21/21 19:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/21/21 19:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/21/21 19:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/21/21 19:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/21/21 19:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/21/21 19:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/21/21 19:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/21/21 19:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/21/21 19:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/21/21 19:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/21/21 19:14	1
2-Hexanone	ND		5.0	1.2	ug/L			01/21/21 19:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/21/21 19:14	1
Acetone	ND		10	3.0	ug/L			01/21/21 19:14	1
Benzene	ND		1.0	0.41	ug/L			01/21/21 19:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/21/21 19:14	1
Bromoform	ND		1.0	0.26	ug/L			01/21/21 19:14	1
Bromomethane	ND		1.0	0.69	ug/L			01/21/21 19:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/21/21 19:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/21/21 19:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/21/21 19:14	1
Chloroethane	ND		1.0	0.32	ug/L			01/21/21 19:14	1
Chloroform	ND		1.0	0.34	ug/L			01/21/21 19:14	1
Chloromethane	ND		1.0	0.35	ug/L			01/21/21 19:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/21/21 19:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/21/21 19:14	1
Cyclohexane	ND		1.0	0.18	ug/L			01/21/21 19:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/21/21 19:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/21/21 19:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/21/21 19:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/21/21 19:14	1
Methyl acetate	ND		2.5	1.3	ug/L			01/21/21 19:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/21/21 19:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/21/21 19:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/21/21 19:14	1
Styrene	ND		1.0	0.73	ug/L			01/21/21 19:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/21/21 19:14	1
Toluene	ND		1.0	0.51	ug/L			01/21/21 19:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/21/21 19:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/21/21 19:14	1
Trichloroethene	ND		1.0	0.46	ug/L			01/21/21 19:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/21/21 19:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/21/21 19:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/21/21 19:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Rinse Blank

Lab Sample ID: 480-180395-16

Date Collected: 01/20/21 08:30

Matrix: Water

Date Received: 01/20/21 15:45

<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		01/21/21 19:14	1
4-Bromofluorobenzene (Surr)	103		73 - 120		01/21/21 19:14	1
Toluene-d8 (Surr)	99		80 - 120		01/21/21 19:14	1
Dibromofluoromethane (Surr)	109		75 - 123		01/21/21 19:14	1

Client Sample Results

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

Job ID: 480-180362-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-180395-17

Date Collected: 01/20/21 07:00

Matrix: Water

Date Received: 01/20/21 15:45

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			01/21/21 19:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/21/21 19:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/21/21 19:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/21/21 19:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/21/21 19:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/21/21 19:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/21/21 19:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/21/21 19:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/21/21 19:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/21/21 19:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/21/21 19:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/21/21 19:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/21/21 19:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/21/21 19:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/21/21 19:37	1
2-Hexanone	ND		5.0	1.2	ug/L			01/21/21 19:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/21/21 19:37	1
Acetone	ND		10	3.0	ug/L			01/21/21 19:37	1
Benzene	ND		1.0	0.41	ug/L			01/21/21 19:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/21/21 19:37	1
Bromoform	ND		1.0	0.26	ug/L			01/21/21 19:37	1
Bromomethane	ND		1.0	0.69	ug/L			01/21/21 19:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/21/21 19:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/21/21 19:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/21/21 19:37	1
Chloroethane	ND		1.0	0.32	ug/L			01/21/21 19:37	1
Chloroform	ND		1.0	0.34	ug/L			01/21/21 19:37	1
Chloromethane	ND		1.0	0.35	ug/L			01/21/21 19:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/21/21 19:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/21/21 19:37	1
Cyclohexane	ND		1.0	0.18	ug/L			01/21/21 19:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/21/21 19:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/21/21 19:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/21/21 19:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/21/21 19:37	1
Methyl acetate	ND		2.5	1.3	ug/L			01/21/21 19:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/21/21 19:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/21/21 19:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/21/21 19:37	1
Styrene	ND		1.0	0.73	ug/L			01/21/21 19:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/21/21 19:37	1
Toluene	ND		1.0	0.51	ug/L			01/21/21 19:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/21/21 19:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/21/21 19:37	1
Trichloroethene	ND		1.0	0.46	ug/L			01/21/21 19:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/21/21 19:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/21/21 19:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/21/21 19:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: Trip Blank

Lab Sample ID: 480-180395-17

Date Collected: 01/20/21 07:00

Matrix: Water

Date Received: 01/20/21 15:45

<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		01/21/21 19:37	1
4-Bromofluorobenzene (Surr)	101		73 - 120		01/21/21 19:37	1
Toluene-d8 (Surr)	98		80 - 120		01/21/21 19:37	1
Dibromofluoromethane (Surr)	107		75 - 123		01/21/21 19:37	1

Lab Chronicle

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

Job ID: 480-180362-1

Client Sample ID: MW-2

Date Collected: 01/19/21 14:35

Date Received: 01/19/21 16:00

Lab Sample ID: 480-180362-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566679	01/20/21 16:06	RJF	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/21/21 22:02	CLA	TAL BUF

Client Sample ID: MW-3

Date Collected: 01/19/21 15:35

Date Received: 01/19/21 16:00

Lab Sample ID: 480-180362-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566679	01/20/21 16:31	RJF	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/21/21 22:56	CLA	TAL BUF

Client Sample ID: MW-11

Date Collected: 01/19/21 11:45

Date Received: 01/19/21 16:00

Lab Sample ID: 480-180362-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566679	01/20/21 16:55	RJF	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/21/21 23:50	CLA	TAL BUF

Client Sample ID: Duplicate

Date Collected: 01/19/21 14:45

Date Received: 01/19/21 16:00

Lab Sample ID: 480-180362-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566679	01/20/21 17:20	RJF	TAL BUF

Client Sample ID: Trip Blank

Date Collected: 01/19/21 07:00

Date Received: 01/19/21 16:00

Lab Sample ID: 480-180362-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566679	01/20/21 17:45	RJF	TAL BUF

Client Sample ID: MW-4

Date Collected: 01/20/21 09:00

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566825	01/21/21 13:26	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567247	01/23/21 23:44	CLA	TAL BUF

Lab Chronicle

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

Job ID: 480-180362-1

Client Sample ID: MW-8R

Date Collected: 01/20/21 10:00

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	566825	01/21/21 13:49	CRL	TAL BUF
Total/NA	Analysis	8260C	DL	10	567041	01/22/21 23:28	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567247	01/24/21 00:12	CLA	TAL BUF

Client Sample ID: MW-13S

Date Collected: 01/20/21 11:40

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	567041	01/22/21 23:51	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 04:34	CLA	TAL BUF

Client Sample ID: MW-13D

Date Collected: 01/20/21 12:20

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566825	01/21/21 14:35	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 05:01	CLA	TAL BUF

Client Sample ID: MW-16S

Date Collected: 01/20/21 14:55

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1000	566825	01/21/21 14:59	CRL	TAL BUF
Total/NA	Analysis	9060A		8	567054	01/22/21 05:29	CLA	TAL BUF

Client Sample ID: MW-16D

Date Collected: 01/20/21 14:25

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566825	01/21/21 15:22	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 05:56	CLA	TAL BUF

Client Sample ID: DPE-1

Date Collected: 01/20/21 09:30

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	566825	01/21/21 15:46	CRL	TAL BUF
Total/NA	Analysis	9060A		4	567054	01/22/21 06:26	CLA	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

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

Job ID: 480-180362-1

Client Sample ID: DPE-2

Date Collected: 01/20/21 10:30

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566825	01/21/21 16:09	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 09:15	CLA	TAL BUF

Client Sample ID: DPE-3

Date Collected: 01/20/21 10:45

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		25	566825	01/21/21 16:32	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 10:13	CLA	TAL BUF

Client Sample ID: DPE-4

Date Collected: 01/20/21 10:10

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	566825	01/21/21 16:55	CRL	TAL BUF
Total/NA	Analysis	8260C	DL	50	567041	01/23/21 00:14	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 11:10	CLA	TAL BUF

Client Sample ID: DPE-5

Date Collected: 01/20/21 09:15

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	567041	01/23/21 00:37	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 11:38	CLA	TAL BUF

Client Sample ID: DPE-6

Date Collected: 01/20/21 09:50

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566825	01/21/21 17:41	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 12:06	CLA	TAL BUF

Client Sample ID: DPE-7

Date Collected: 01/20/21 11:05

Date Received: 01/20/21 15:45

Lab Sample ID: 480-180395-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	567041	01/23/21 01:00	CRL	TAL BUF
Total/NA	Analysis	9060A		2	567054	01/22/21 12:34	CLA	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

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

Job ID: 480-180362-1

Client Sample ID: DPE-8

Lab Sample ID: 480-180395-14

Date Collected: 01/20/21 11:30

Matrix: Water

Date Received: 01/20/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	567041	01/23/21 01:23	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 14:00	CLA	TAL BUF

Client Sample ID: GWCT

Lab Sample ID: 480-180395-15

Date Collected: 01/20/21 09:00

Matrix: Water

Date Received: 01/20/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566825	01/21/21 18:50	CRL	TAL BUF
Total/NA	Analysis	9060A		1	567054	01/22/21 14:55	CLA	TAL BUF

Client Sample ID: Rinse Blank

Lab Sample ID: 480-180395-16

Date Collected: 01/20/21 08:30

Matrix: Water

Date Received: 01/20/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566825	01/21/21 19:14	CRL	TAL BUF

Client Sample ID: Trip Blank

Lab Sample ID: 480-180395-17

Date Collected: 01/20/21 07:00

Matrix: Water

Date Received: 01/20/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	566825	01/21/21 19:37	CRL	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-180362-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-21

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Method Summary

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
9060A	Organic Carbon, Total (TOC)	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 = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: AECOM

Job ID: 480-180362-1

Project/Site: Scott Figgie West of Plant 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-180362-1	MW-2	Ground Water	01/19/21 14:35	01/19/21 16:00	
480-180362-2	MW-3	Ground Water	01/19/21 15:35	01/19/21 16:00	
480-180362-3	MW-11	Ground Water	01/19/21 11:45	01/19/21 16:00	
480-180362-4	Duplicate	Water	01/19/21 14:45	01/19/21 16:00	
480-180362-5	Trip Blank	Water	01/19/21 07:00	01/19/21 16:00	
480-180395-1	MW-4	Water	01/20/21 09:00	01/20/21 15:45	
480-180395-2	MW-8R	Water	01/20/21 10:00	01/20/21 15:45	
480-180395-3	MW-13S	Water	01/20/21 11:40	01/20/21 15:45	
480-180395-4	MW-13D	Water	01/20/21 12:20	01/20/21 15:45	
480-180395-5	MW-16S	Water	01/20/21 14:55	01/20/21 15:45	
480-180395-6	MW-16D	Water	01/20/21 14:25	01/20/21 15:45	
480-180395-7	DPE-1	Water	01/20/21 09:30	01/20/21 15:45	
480-180395-8	DPE-2	Water	01/20/21 10:30	01/20/21 15:45	
480-180395-9	DPE-3	Water	01/20/21 10:45	01/20/21 15:45	
480-180395-10	DPE-4	Water	01/20/21 10:10	01/20/21 15:45	
480-180395-11	DPE-5	Water	01/20/21 09:15	01/20/21 15:45	
480-180395-12	DPE-6	Water	01/20/21 09:50	01/20/21 15:45	
480-180395-13	DPE-7	Water	01/20/21 11:05	01/20/21 15:45	
480-180395-14	DPE-8	Water	01/20/21 11:30	01/20/21 15:45	
480-180395-15	GWCT	Water	01/20/21 09:00	01/20/21 15:45	
480-180395-16	Rinse Blank	Water	01/20/21 08:30	01/20/21 15:45	
480-180395-17	Trip Blank	Water	01/20/21 07:00	01/20/21 15:45	

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-180362-1

Login Number: 180362

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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	3.1 #1 ICE
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: 480-180362-1

Login Number: 180395

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

Chain of Custody Record

Client Information		Sampler: Tony Ye		Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-155291-3450.1
Client Contact: Mr. Dino Zack		Phone: 716-866-8222 (0121)		E-Mail: Brian.Fischer@Eurofinset.com	State of Origin:	Page: Page 1 of 2
Company: AECOM		PWSID:		Job #:		
Address: 257 West Genesee Street Suite 400		Due Date Requested:		Analysis Requested		
City: Buffalo		TAT Requested (days):		Preservation Codes:		
State/Zip: NY, 14202-2657		Compliance Project: ☐ Yes ☒ No		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)		
Phone:		PO #: Purchase Order not requir		Other:		
Email: dino.zack@aecom.com		WO #:				
Project Name: Scott Figgie - GW		Project #:				
Site: New York		SSOW#:				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, B=tissue, A=air)	Field Filtered Sample (Yes or No)
MW-2 - 11W-2	1/19/21	1435	6		Water	☒
MW-4					Water	☒
MW-8R					Water	☒
MW-9 MW-3	1/19/21	1535	G		Water	☒
MW-11	1/19/21	1145	G		Water	☒
MW-13S					Water	☒
MW-13D					Water	☒
MW-16S					Water	☒
MW-16D					Water	☒
DPE-1					Water	☒
DPE-2					Water	☒
Possible Hazard Identification		Poison B ☐ Unknown ☐ Radiological ☐		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐				☐ Return To Client ☒ Disposal By Lab ☐ Archive For Months		
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:		
Empty Kit Relinquished by:		Date:		Method of Shipment:		
Relinquished by: [Signature]		Date/Time: 1/19/21 1600		Received by: [Signature]		
Relinquished by:		Date/Time:		Received by:		
Relinquished by:		Date/Time:		Received by: [Signature]		
Custody Seals Intact: ☒ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.1 #1		

Chain of Custody Record

Client Information		Sampler: <u>Tony Ye</u>		Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-155291-3450.2
Client Contact: Mr. Dino Zack		Phone: <u>716-866-8222 (02)</u>		E-Mail: Brian.Fischer@Eurofins.com	State of Origin:	Page: Page 2 of 2
Company: AECOM		PWSID:		Job #:		
Address: 257 West Genesee Street Suite 400		Analysis Requested				
City: Buffalo						
State, Zip: NY, 14202-2657						
Phone:						
Email: dino.zack@aecom.com						
Project Name: Scott Figgie - GW						
Site: New York						
Due Date Requested:						
TAT Requested (days):						
Compliance Project: ☐ Yes ☒ No						
PO #: Purchase Order not requir						
WO #:						
Project # 48002539						
SSOW #:						
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Soil, Other)	Field Filtered Sample (Yes or No)	Preservation Codes
DPE-3				Water		8260C - (MOD) TCL list OLM04.2
DPE-4				Water		9060A - (MOD) Local Method
DPE-5				Water		8260C - TCL list OLM04.2
DPE-6				Water		
DPE-7				Water		
DPE-8				Water		
GWCT				Water		
DUPLICATE	1/19/21	1445	G	Water	X	
RINSE BLANK				Water		
Trip Blank	1/19/21	0700	G	Water	X	
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/OC Requirements:						
Empty Kit Relinquished by: <u>[Signature]</u> Date: <u>1/19/21</u> Time: <u>1600</u>						
Relinquished by: <u>[Signature]</u> Date/Time: <u>1/19/21 1600</u> Company: <u>AECOM</u>						
Relinquished by: _____ Date/Time: _____ Company: _____						
Relinquished by: _____ Date/Time: _____ Company: _____						
Custody Seals Intact: ☒ Yes ☐ No						
Cooler Temperature(s) °C and Other Remarks: <u>11/19/21 1600</u>						

Chain of Custody Record



Client Information		Lab PM: Fischer, Brian J		Carrier Tracking No(s):		COC No: 480-155291-3450.1	
Client Contact: Mr. Dino Zack		E-Mail: Brian.Fischer@Eurofinset.com		State of Origin:		Page: Page 1 of 2	
Company: AECOM		PWSID:		Job #:			
Address: 257 West Genesee Street Suite 400		Due Date Requested: STD		Analysis Requested:		Preservation Codes:	
City: Buffalo		TAT Requested (days): STD				A - HCL B - NaOH C - state D - acid E - 14 F - Acid G - TSP Dodecahydrate H - MCAA I - pH 4-5 J - other (specify)	
State, Zip: NY, 14202-2657		Compliance Project: A Yes A No					
Phone: 716 866 8222		PO #: Purchase Order not requir					
Email: dino.zack@aecom.com		WO #:					
Project Name: Scott Figgie - GW		Project #: 48002539					
Site: New York		SSOW#:					
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
MW-2		1/20/21		0900		G	
MW-4		1/20/21		1000		G	
MW-8R		1/20/21		1140		G	
MW-13S		1/20/21		1220		G	
MW-13D		1/20/21		1455		G	
MW-16S		1/20/21		1425		G	
MW-16D		1/20/21		0930		G	
DPE-1		1/20/21		1030		G	
DPE-2							
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological					
Deliverable Requested: I, II, III, IV, Other (specify)							
Empty Kit Relinquished by:		Date:		Time:			
Relinquished by: [Signature]		Date/Time: 1/20/21 1545		Company: AECOM		Received by: [Signature]	
Relinquished by:		Date/Time:		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by:	
Custody Seals Intact: A Yes A No		Custody Seal No.:					

Chain of Custody Record

Client Information		Lab PM: Fischer, Brian J		Carrier Tracking No(s): 480-155291-3450.2	
Client Contact: Mr. Dino Zack		E-Mail: Brian.Fischer@Eurofins.com		Page: Page 2 of 2	
Company: AECOM		PWSID		Job #:	
Address: 257 West Genesee Street Suite 400		Due Date Requested: STD		Analysis Requested	
City: Buffalo		TAT Requested (days):		Total Number of containers	
State, Zip: NY, 14202-2657		Compliance Project: ☐ Yes ☒ No		Preservation Codes:	
Phone: 716 866 8222		PO #: Purchase Order not requir		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Email: dino.zack@aecom.com		Project #: 48002539		Other:	
Project Name: Scott Figgie - GW		SSOW#:			
Site: New York					

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, B=biomass, A=air)	Field Filtered Sample (Yes or No)	8260C - TCL list OLM04.2	9060A - (MOD) Local Method	8260C - (MOD) TCL list OLM04.2	Analysis Requested	Special Instructions/Note:
DPE-3	1/20/21	1045	G	Water		X	X			
DPE-4	1/20/21	1010	G	Water		X	X			
DPE-5	1/20/21	0915	G	Water		X	X			
DPE-6	1/20/21	0950	G	Water		X	X			
DPE-7	1/20/21	1105	G	Water		X	X			
DPE-8	1/20/21	1130	G	Water		X	X			
GWCT	1/20/21	0900	G	Water		X	X			
DUPLICATE	1/20/21	0900	G	Water		X	X			
RINSE BLANK	1/20/21	0830	G	Water		X	X			
Trip Blank	1/20/21	0700	G	Water		X	X			

Possible Hazard Identification		☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: <i>[Signature]</i>	Date: 1/20/21 1545	Received by: <i>[Signature]</i>	Date: 1/20/21 1545
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:
Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	

ANALYTICAL REPORT

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

Laboratory Job ID: 200-56947-1

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:

1/27/2021 1:36:09 PM

Rebecca Jones, Project Management Assistant I

Rebecca.Jones@Eurofinset.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835

Brian.Fischer@Eurofinset.com

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

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

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Definitions/Glossary

Client: AECOM

Project/Site: Scott Figgie West of Plant 2

Job ID: 200-56947-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
-----------	-----------------------

U	Indicates the analyte was analyzed for but not detected.
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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 200-56947-1

Job ID: 200-56947-1

Laboratory: Eurofins TestAmerica, Burlington

Narrative

Job Narrative
200-56947-1

Comments

No additional comments.

Receipt

The samples were received on 1/21/2021 11:05 AM; the samples arrived in good condition, and where required, properly preserved and on ice.

Air Toxics

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

Client Sample Results

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

Job ID: 200-56947-1

Client Sample ID: AS 1Q21

Lab Sample ID: 200-56947-1

Date Collected: 01/19/21 07:00

Matrix: Air

Date Received: 01/21/21 11:05

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,1,2-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,1-Dichloroethane	0.21		0.20	0.20	ppb v/v			01/26/21 19:12	1
1,1-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50	ppb v/v			01/26/21 19:12	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,2-Dibromoethane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,2-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,2-Dichloroethane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,2-Dichloroethene, Total	1.1		0.40	0.40	ppb v/v			01/26/21 19:12	1
1,2-Dichloropropane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,3-Butadiene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,3-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,4-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
1,4-Dioxane	5.0	U	5.0	5.0	ppb v/v			01/26/21 19:12	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
2-Chlorotoluene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
3-Chloropropene	0.50	U	0.50	0.50	ppb v/v			01/26/21 19:12	1
4-Ethyltoluene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Acetone	5.0	U	5.0	5.0	ppb v/v			01/26/21 19:12	1
Benzene	0.23		0.20	0.20	ppb v/v			01/26/21 19:12	1
Bromodichloromethane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Bromoform	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Bromomethane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Carbon disulfide	0.50	U	0.50	0.50	ppb v/v			01/26/21 19:12	1
Carbon tetrachloride	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Chlorobenzene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Chloroethane	27		0.50	0.50	ppb v/v			01/26/21 19:12	1
Chloroform	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Chloromethane	0.65		0.50	0.50	ppb v/v			01/26/21 19:12	1
cis-1,2-Dichloroethene	1.1		0.20	0.20	ppb v/v			01/26/21 19:12	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Cyclohexane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Dibromochloromethane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Dichlorodifluoromethane	0.50	U	0.50	0.50	ppb v/v			01/26/21 19:12	1
Ethylbenzene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Freon TF	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Hexachlorobutadiene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Isopropyl alcohol	5.0	U	5.0	5.0	ppb v/v			01/26/21 19:12	1
m,p-Xylene	0.50	U	0.50	0.50	ppb v/v			01/26/21 19:12	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50	ppb v/v			01/26/21 19:12	1
Methyl Ethyl Ketone	0.50	U	0.50	0.50	ppb v/v			01/26/21 19:12	1
methyl isobutyl ketone	0.50	U	0.50	0.50	ppb v/v			01/26/21 19:12	1
Methyl tert-butyl ether	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1

Eurofins TestAmerica, Burlington

Client Sample Results

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

Job ID: 200-56947-1

Client Sample ID: AS 1Q21

Lab Sample ID: 200-56947-1

Date Collected: 01/19/21 07:00

Matrix: Air

Date Received: 01/21/21 11:05

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.50	U	0.50	0.50	ppb v/v			01/26/21 19:12	1
n-Heptane	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
n-Hexane	0.22		0.20	0.20	ppb v/v			01/26/21 19:12	1
Styrene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
tert-Butyl alcohol	5.0	U	5.0	5.0	ppb v/v			01/26/21 19:12	1
Tetrachloroethene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Tetrahydrofuran	5.0	U	5.0	5.0	ppb v/v			01/26/21 19:12	1
Toluene	0.56		0.20	0.20	ppb v/v			01/26/21 19:12	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Trichloroethene	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1
Trichlorofluoromethane	0.25		0.20	0.20	ppb v/v			01/26/21 19:12	1
Vinyl chloride	0.39		0.20	0.20	ppb v/v			01/26/21 19:12	1
Xylene (total)	0.70	U	0.70	0.70	ppb v/v			01/26/21 19:12	1
Xylene, o-	0.20	U	0.20	0.20	ppb v/v			01/26/21 19:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	1.1	ug/m3			01/26/21 19:12	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	1.4	ug/m3			01/26/21 19:12	1
1,1,2-Trichloroethane	1.1	U	1.1	1.1	ug/m3			01/26/21 19:12	1
1,1-Dichloroethane	0.85		0.81	0.81	ug/m3			01/26/21 19:12	1
1,1-Dichloroethene	0.79	U	0.79	0.79	ug/m3			01/26/21 19:12	1
1,2,4-Trichlorobenzene	3.7	U	3.7	3.7	ug/m3			01/26/21 19:12	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			01/26/21 19:12	1
1,2-Dibromoethane	1.5	U	1.5	1.5	ug/m3			01/26/21 19:12	1
1,2-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			01/26/21 19:12	1
1,2-Dichloroethane	0.81	U	0.81	0.81	ug/m3			01/26/21 19:12	1
1,2-Dichloroethene, Total	4.4		1.6	1.6	ug/m3			01/26/21 19:12	1
1,2-Dichloropropane	0.92	U	0.92	0.92	ug/m3			01/26/21 19:12	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	1.4	ug/m3			01/26/21 19:12	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			01/26/21 19:12	1
1,3-Butadiene	0.44	U	0.44	0.44	ug/m3			01/26/21 19:12	1
1,3-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			01/26/21 19:12	1
1,4-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			01/26/21 19:12	1
1,4-Dioxane	18	U	18	18	ug/m3			01/26/21 19:12	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.93	ug/m3			01/26/21 19:12	1
2-Chlorotoluene	1.0	U	1.0	1.0	ug/m3			01/26/21 19:12	1
3-Chloropropene	1.6	U	1.6	1.6	ug/m3			01/26/21 19:12	1
4-Ethyltoluene	0.98	U	0.98	0.98	ug/m3			01/26/21 19:12	1
Acetone	12	U	12	12	ug/m3			01/26/21 19:12	1
Benzene	0.72		0.64	0.64	ug/m3			01/26/21 19:12	1
Bromodichloromethane	1.3	U	1.3	1.3	ug/m3			01/26/21 19:12	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.87	ug/m3			01/26/21 19:12	1
Bromoform	2.1	U	2.1	2.1	ug/m3			01/26/21 19:12	1
Bromomethane	0.78	U	0.78	0.78	ug/m3			01/26/21 19:12	1
Carbon disulfide	1.6	U	1.6	1.6	ug/m3			01/26/21 19:12	1
Carbon tetrachloride	1.3	U	1.3	1.3	ug/m3			01/26/21 19:12	1
Chlorobenzene	0.92	U	0.92	0.92	ug/m3			01/26/21 19:12	1
Chloroethane	71		1.3	1.3	ug/m3			01/26/21 19:12	1

Eurofins TestAmerica, Burlington

Client Sample Results

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

Job ID: 200-56947-1

Client Sample ID: AS 1Q21

Lab Sample ID: 200-56947-1

Date Collected: 01/19/21 07:00

Matrix: Air

Date Received: 01/21/21 11:05

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.98	U	0.98	0.98	ug/m3			01/26/21 19:12	1
Chloromethane	1.3		1.0	1.0	ug/m3			01/26/21 19:12	1
cis-1,2-Dichloroethene	4.5		0.79	0.79	ug/m3			01/26/21 19:12	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			01/26/21 19:12	1
Cyclohexane	0.69	U	0.69	0.69	ug/m3			01/26/21 19:12	1
Dibromochloromethane	1.7	U	1.7	1.7	ug/m3			01/26/21 19:12	1
Dichlorodifluoromethane	2.5	U	2.5	2.5	ug/m3			01/26/21 19:12	1
Ethylbenzene	0.87	U	0.87	0.87	ug/m3			01/26/21 19:12	1
Freon TF	1.5	U	1.5	1.5	ug/m3			01/26/21 19:12	1
Hexachlorobutadiene	2.1	U	2.1	2.1	ug/m3			01/26/21 19:12	1
Isopropyl alcohol	12	U	12	12	ug/m3			01/26/21 19:12	1
m,p-Xylene	2.2	U	2.2	2.2	ug/m3			01/26/21 19:12	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	2.0	ug/m3			01/26/21 19:12	1
Methyl Ethyl Ketone	1.5	U	1.5	1.5	ug/m3			01/26/21 19:12	1
methyl isobutyl ketone	2.0	U	2.0	2.0	ug/m3			01/26/21 19:12	1
Methyl tert-butyl ether	0.72	U	0.72	0.72	ug/m3			01/26/21 19:12	1
Methylene Chloride	1.7	U	1.7	1.7	ug/m3			01/26/21 19:12	1
n-Heptane	0.82	U	0.82	0.82	ug/m3			01/26/21 19:12	1
n-Hexane	0.78		0.70	0.70	ug/m3			01/26/21 19:12	1
Styrene	0.85	U	0.85	0.85	ug/m3			01/26/21 19:12	1
tert-Butyl alcohol	15	U	15	15	ug/m3			01/26/21 19:12	1
Tetrachloroethene	1.4	U	1.4	1.4	ug/m3			01/26/21 19:12	1
Tetrahydrofuran	15	U	15	15	ug/m3			01/26/21 19:12	1
Toluene	2.1		0.75	0.75	ug/m3			01/26/21 19:12	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.79	ug/m3			01/26/21 19:12	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			01/26/21 19:12	1
Trichloroethene	1.1	U	1.1	1.1	ug/m3			01/26/21 19:12	1
Trichlorofluoromethane	1.4		1.1	1.1	ug/m3			01/26/21 19:12	1
Vinyl chloride	0.99		0.51	0.51	ug/m3			01/26/21 19:12	1
Xylene (total)	3.0	U	3.0	3.0	ug/m3			01/26/21 19:12	1
Xylene, o-	0.87	U	0.87	0.87	ug/m3			01/26/21 19:12	1

Client Sample Results

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

Job ID: 200-56947-1

Client Sample ID: LRP 1Q21

Lab Sample ID: 200-56947-2

Date Collected: 01/19/21 07:10

Matrix: Air

Date Received: 01/21/21 11:05

Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,1,2,2-Tetrachloroethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,1-Dichloroethane	1.8		1.0	1.0	ppb v/v			01/26/21 20:06	5
1,1-Dichloroethene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,2,4-Trichlorobenzene	2.5	U	2.5	2.5	ppb v/v			01/26/21 20:06	5
1,2,4-Trimethylbenzene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,2-Dibromoethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,2-Dichloroethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,2-Dichloroethene, Total	100		2.0	2.0	ppb v/v			01/26/21 20:06	5
1,2-Dichloropropane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,2-Dichlorotetrafluoroethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,3,5-Trimethylbenzene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,3-Butadiene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
1,4-Dioxane	25	U	25	25	ppb v/v			01/26/21 20:06	5
2,2,4-Trimethylpentane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
2-Chlorotoluene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
3-Chloropropene	2.5	U	2.5	2.5	ppb v/v			01/26/21 20:06	5
4-Ethyltoluene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Acetone	25	U	25	25	ppb v/v			01/26/21 20:06	5
Benzene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Bromodichloromethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Bromoethene(Vinyl Bromide)	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Bromoform	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Bromomethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Carbon disulfide	3.3		2.5	2.5	ppb v/v			01/26/21 20:06	5
Carbon tetrachloride	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Chlorobenzene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Chloroethane	5.8		2.5	2.5	ppb v/v			01/26/21 20:06	5
Chloroform	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Chloromethane	2.5	U	2.5	2.5	ppb v/v			01/26/21 20:06	5
cis-1,2-Dichloroethene	100		1.0	1.0	ppb v/v			01/26/21 20:06	5
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Cyclohexane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Dibromochloromethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Dichlorodifluoromethane	2.5	U	2.5	2.5	ppb v/v			01/26/21 20:06	5
Ethylbenzene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Freon TF	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Hexachlorobutadiene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Isopropyl alcohol	25	U	25	25	ppb v/v			01/26/21 20:06	5
m,p-Xylene	2.5	U	2.5	2.5	ppb v/v			01/26/21 20:06	5
Methyl Butyl Ketone (2-Hexanone)	2.5	U	2.5	2.5	ppb v/v			01/26/21 20:06	5
Methyl Ethyl Ketone	2.8		2.5	2.5	ppb v/v			01/26/21 20:06	5
methyl isobutyl ketone	2.5	U	2.5	2.5	ppb v/v			01/26/21 20:06	5
Methyl tert-butyl ether	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5

Eurofins TestAmerica, Burlington

Client Sample Results

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

Job ID: 200-56947-1

Client Sample ID: LRP 1Q21

Lab Sample ID: 200-56947-2

Date Collected: 01/19/21 07:10

Matrix: Air

Date Received: 01/21/21 11:05

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	2.5	U	2.5	2.5	ppb v/v			01/26/21 20:06	5
n-Heptane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
n-Hexane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Styrene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
tert-Butyl alcohol	25	U	25	25	ppb v/v			01/26/21 20:06	5
Tetrachloroethene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Tetrahydrofuran	25	U	25	25	ppb v/v			01/26/21 20:06	5
Toluene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Trichloroethene	4.0		1.0	1.0	ppb v/v			01/26/21 20:06	5
Trichlorofluoromethane	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5
Vinyl chloride	150		1.0	1.0	ppb v/v			01/26/21 20:06	5
Xylene (total)	3.5	U	3.5	3.5	ppb v/v			01/26/21 20:06	5
Xylene, o-	1.0	U	1.0	1.0	ppb v/v			01/26/21 20:06	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.5	U	5.5	5.5	ug/m3			01/26/21 20:06	5
1,1,2,2-Tetrachloroethane	6.9	U	6.9	6.9	ug/m3			01/26/21 20:06	5
1,1,2-Trichloroethane	5.5	U	5.5	5.5	ug/m3			01/26/21 20:06	5
1,1-Dichloroethane	7.4		4.0	4.0	ug/m3			01/26/21 20:06	5
1,1-Dichloroethene	4.0	U	4.0	4.0	ug/m3			01/26/21 20:06	5
1,2,4-Trichlorobenzene	19	U	19	19	ug/m3			01/26/21 20:06	5
1,2,4-Trimethylbenzene	4.9	U	4.9	4.9	ug/m3			01/26/21 20:06	5
1,2-Dibromoethane	7.7	U	7.7	7.7	ug/m3			01/26/21 20:06	5
1,2-Dichlorobenzene	6.0	U	6.0	6.0	ug/m3			01/26/21 20:06	5
1,2-Dichloroethane	4.0	U	4.0	4.0	ug/m3			01/26/21 20:06	5
1,2-Dichloroethene, Total	400		7.9	7.9	ug/m3			01/26/21 20:06	5
1,2-Dichloropropane	4.6	U	4.6	4.6	ug/m3			01/26/21 20:06	5
1,2-Dichlorotetrafluoroethane	7.0	U	7.0	7.0	ug/m3			01/26/21 20:06	5
1,3,5-Trimethylbenzene	4.9	U	4.9	4.9	ug/m3			01/26/21 20:06	5
1,3-Butadiene	2.2	U	2.2	2.2	ug/m3			01/26/21 20:06	5
1,3-Dichlorobenzene	6.0	U	6.0	6.0	ug/m3			01/26/21 20:06	5
1,4-Dichlorobenzene	6.0	U	6.0	6.0	ug/m3			01/26/21 20:06	5
1,4-Dioxane	90	U	90	90	ug/m3			01/26/21 20:06	5
2,2,4-Trimethylpentane	4.7	U	4.7	4.7	ug/m3			01/26/21 20:06	5
2-Chlorotoluene	5.2	U	5.2	5.2	ug/m3			01/26/21 20:06	5
3-Chloropropene	7.8	U	7.8	7.8	ug/m3			01/26/21 20:06	5
4-Ethyltoluene	4.9	U	4.9	4.9	ug/m3			01/26/21 20:06	5
Acetone	59	U	59	59	ug/m3			01/26/21 20:06	5
Benzene	3.2	U	3.2	3.2	ug/m3			01/26/21 20:06	5
Bromodichloromethane	6.7	U	6.7	6.7	ug/m3			01/26/21 20:06	5
Bromoethene(Vinyl Bromide)	4.4	U	4.4	4.4	ug/m3			01/26/21 20:06	5
Bromoform	10	U	10	10	ug/m3			01/26/21 20:06	5
Bromomethane	3.9	U	3.9	3.9	ug/m3			01/26/21 20:06	5
Carbon disulfide	10		7.8	7.8	ug/m3			01/26/21 20:06	5
Carbon tetrachloride	6.3	U	6.3	6.3	ug/m3			01/26/21 20:06	5
Chlorobenzene	4.6	U	4.6	4.6	ug/m3			01/26/21 20:06	5
Chloroethane	15		6.6	6.6	ug/m3			01/26/21 20:06	5

Eurofins TestAmerica, Burlington

Client Sample Results

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

Job ID: 200-56947-1

Client Sample ID: LRP 1Q21

Lab Sample ID: 200-56947-2

Date Collected: 01/19/21 07:10

Matrix: Air

Date Received: 01/21/21 11:05

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	4.9	U	4.9	4.9	ug/m3			01/26/21 20:06	5
Chloromethane	5.2	U	5.2	5.2	ug/m3			01/26/21 20:06	5
cis-1,2-Dichloroethene	400		4.0	4.0	ug/m3			01/26/21 20:06	5
cis-1,3-Dichloropropene	4.5	U	4.5	4.5	ug/m3			01/26/21 20:06	5
Cyclohexane	3.4	U	3.4	3.4	ug/m3			01/26/21 20:06	5
Dibromochloromethane	8.5	U	8.5	8.5	ug/m3			01/26/21 20:06	5
Dichlorodifluoromethane	12	U	12	12	ug/m3			01/26/21 20:06	5
Ethylbenzene	4.3	U	4.3	4.3	ug/m3			01/26/21 20:06	5
Freon TF	7.7	U	7.7	7.7	ug/m3			01/26/21 20:06	5
Hexachlorobutadiene	11	U	11	11	ug/m3			01/26/21 20:06	5
Isopropyl alcohol	61	U	61	61	ug/m3			01/26/21 20:06	5
m,p-Xylene	11	U	11	11	ug/m3			01/26/21 20:06	5
Methyl Butyl Ketone (2-Hexanone)	10	U	10	10	ug/m3			01/26/21 20:06	5
Methyl Ethyl Ketone	8.2		7.4	7.4	ug/m3			01/26/21 20:06	5
methyl isobutyl ketone	10	U	10	10	ug/m3			01/26/21 20:06	5
Methyl tert-butyl ether	3.6	U	3.6	3.6	ug/m3			01/26/21 20:06	5
Methylene Chloride	8.7	U	8.7	8.7	ug/m3			01/26/21 20:06	5
n-Heptane	4.1	U	4.1	4.1	ug/m3			01/26/21 20:06	5
n-Hexane	3.5	U	3.5	3.5	ug/m3			01/26/21 20:06	5
Styrene	4.3	U	4.3	4.3	ug/m3			01/26/21 20:06	5
tert-Butyl alcohol	76	U	76	76	ug/m3			01/26/21 20:06	5
Tetrachloroethene	6.8	U	6.8	6.8	ug/m3			01/26/21 20:06	5
Tetrahydrofuran	74	U	74	74	ug/m3			01/26/21 20:06	5
Toluene	3.8	U	3.8	3.8	ug/m3			01/26/21 20:06	5
trans-1,2-Dichloroethene	4.0	U	4.0	4.0	ug/m3			01/26/21 20:06	5
trans-1,3-Dichloropropene	4.5	U	4.5	4.5	ug/m3			01/26/21 20:06	5
Trichloroethene	21		5.4	5.4	ug/m3			01/26/21 20:06	5
Trichlorofluoromethane	5.6	U	5.6	5.6	ug/m3			01/26/21 20:06	5
Vinyl chloride	380		2.6	2.6	ug/m3			01/26/21 20:06	5
Xylene (total)	15	U	15	15	ug/m3			01/26/21 20:06	5
Xylene, o-	4.3	U	4.3	4.3	ug/m3			01/26/21 20:06	5

Lab Chronicle

Client: AECOM

Job ID: 200-56947-1

Project/Site: Scott Figgie West of Plant 2

Client Sample ID: AS 1Q21

Lab Sample ID: 200-56947-1

Date Collected: 01/19/21 07:00

Matrix: Air

Date Received: 01/21/21 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	163292	01/26/21 19:12	K1P	TAL BUR

Client Sample ID: LRP 1Q21

Lab Sample ID: 200-56947-2

Date Collected: 01/19/21 07:10

Matrix: Air

Date Received: 01/21/21 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		5	163292	01/26/21 20:06	K1P	TAL BUR

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: AECOM

Job ID: 200-56947-1

Project/Site: Scott Figgie West of Plant 2

Laboratory: Eurofins TestAmerica, Burlington

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

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-23
Connecticut	State	PH-0751	09-30-21
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-16-21
Florida	NELAP	E87467	06-30-21
Minnesota	NELAP	050-999-436	12-31-21
New Hampshire	NELAP	2006	12-18-21
New Jersey	NELAP	VT972	06-30-21
New York	NELAP	10391	04-01-21
Pennsylvania	NELAP	68-00489	04-30-21
Rhode Island	State	LAO00298	12-30-20 *
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-17-00272	10-30-23
Vermont	State	VT4000	02-10-22
Virginia	NELAP	460209	12-14-21
Wisconsin	State	399133350	08-31-21

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

Eurofins TestAmerica, Burlington

Method Summary

Client: AECOM

Job ID: 200-56947-1

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 = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: AECOM

Project/Site: Scott Figgie West of Plant 2

Job ID: 200-56947-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-56947-1	AS 1Q21	Air	01/19/21 07:00	01/21/21 11:05	Air Canister (6-Liter) #4316
200-56947-2	LRP 1Q21	Air	01/19/21 07:10	01/21/21 11:05	Air Canister (6-Liter) #5620

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56545-1
 SDG No.: _____
 Client Sample ID: 4780 Lab Sample ID: 200-56545-2
 Matrix: Air Lab File ID: 200-44178-013.D
 Analysis Method: TO-15 Date Collected: 12/15/2020 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 12/22/2020 17:54
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 162351 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U **	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56545-1
 SDG No.: _____
 Client Sample ID: 4780 Lab Sample ID: 200-56545-2
 Matrix: Air Lab File ID: 200-44178-013.D
 Analysis Method: TO-15 Date Collected: 12/15/2020 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 12/22/2020 17:54
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 162351 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-56545-1
 SDG No.: _____
 Client Sample ID: 4780 Lab Sample ID: 200-56545-2
 Matrix: Air Lab File ID: 200-44178-013.D
 Analysis Method: TO-15 Date Collected: 12/15/2020 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 12/22/2020 17:54
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 162351 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D
 Lims ID: 200-56545-A-2
 Client ID: 4780
 Sample Type: Client
 Inject. Date: 22-Dec-2020 17:54:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0044178-013
 Misc. Info.: 56545-2
 Operator ID: ggg Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 23-Dec-2020 08:30:23 Calib Date: 09-Dec-2020 17:31:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1665

First Level Reviewer: bunmaa

Date: 23-Dec-2020 08:30:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.049				ND	U
2 Dichlorodifluoromethane	85	3.113	3.113	0.006	82	3099	0.1662	M
3 Chlorodifluoromethane	51		3.123				ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.316				ND	
5 Chloromethane	50	3.402	3.402	0.011	21	717	0.2274	M
7 Vinyl chloride	62		3.584				ND	
6 Butane	43		3.589				ND	U
8 Butadiene	54		3.658				ND	U
10 Bromomethane	94		4.129				ND	
11 Chloroethane	64		4.311				ND	
13 Vinyl bromide	106		4.632				ND	
14 Trichlorofluoromethane	101	4.771	4.771	0.005	15	1344	0.0768	M
17 Ethanol	45		4.996				ND	U
21 1,1-Dichloroethene	96		5.622				ND	U
22 Acetone	43	5.686	5.686	0.027	82	3471	0.7434	M
20 112TCTFE	101		5.665				ND	U
24 Isopropyl alcohol	45		5.895				ND	7
23 Carbon disulfide	76	6.007	6.007	0.005	55	2615	0.1872	M
25 3-Chloro-1-propene	41		6.232				ND	7
27 Methylene Chloride	49		6.435				ND	7
28 2-Methyl-2-propanol	59		6.606				ND	
31 trans-1,2-Dichloroethene	61		6.927				ND	
29 Methyl tert-butyl ether	73		6.949				ND	U
33 Hexane	57		7.446				ND	
34 1,1-Dichloroethane	63		7.655				ND	
35 Vinyl acetate	43		7.665				ND	
38 2-Butanone (MEK)	72		8.591				ND	
37 cis-1,2-Dichloroethene	96		8.623				ND	
39 Ethyl acetate	88		8.714				ND	
* 40 Chlorobromomethane	128	9.029	9.030	-0.001	84	63577	10.0	
41 Tetrahydrofuran	42		9.104				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 Chloroform	83		9.217				ND	
44 1,1,1-Trichloroethane	97		9.559				ND	
S 30 1,2-Dichloroethene, Total	61		9.665				ND	7
43 Cyclohexane	84		9.720				ND	
45 Carbon tetrachloride	117		9.853				ND	
47 Benzene	78	10.206	10.206	0.000	1	350	0.0206	
48 1,2-Dichloroethane	62		10.255				ND	
46 Isooctane	57		10.490				ND	
49 n-Heptane	43		10.832				ND	7
* 50 1,4-Difluorobenzene	114	11.003	11.004	-0.001	96	353863	10.0	
53 Trichloroethene	95		11.496				ND	
54 1,2-Dichloropropane	63		11.983				ND	
55 Methyl methacrylate	69		12.116				ND	
57 Dibromomethane	174		12.143				ND	
56 1,4-Dioxane	88		12.148				ND	
58 Dichlorobromomethane	83		12.502				ND	
60 cis-1,3-Dichloropropene	75		13.406				ND	
61 4-Methyl-2-pentanone (MIBK)	43		13.694				ND	
65 Toluene	92	14.117	14.117	0.005	15	899	0.0700	M
66 trans-1,3-Dichloropropene	75		14.545				ND	
67 1,1,2-Trichloroethane	83		14.941				ND	
68 Tetrachloroethene	166		15.192				ND	
69 2-Hexanone	43		15.412				ND	7
71 Chlorodibromomethane	129		15.727				ND	7
72 Ethylene Dibromide	107		15.973				ND	
* 74 Chlorobenzene-d5	117	16.968	16.969	0.000	89	292095	10.0	
75 Chlorobenzene	112		17.033				ND	
76 Ethylbenzene	91	17.247	17.247	-0.010	1	818	0.0282	a
78 m-Xylene & p-Xylene	106		17.546				ND	U
79 o-Xylene	106	18.365	18.365	0.022	1	532	0.0493	M
80 Styrene	104		18.381				ND	
81 Bromoform	173		18.729				ND	
82 Isopropylbenzene	105		19.130				ND	
S 73 Xylenes, Total	106				0		0.0493	
84 1,1,2,2-Tetrachloroethane	83		19.675				ND	7
85 N-Propylbenzene	91		19.927				ND	7
89 2-Chlorotoluene	91		20.066				ND	7
88 4-Ethyltoluene	105		20.141				ND	7
90 1,3,5-Trimethylbenzene	105		20.248				ND	U
92 tert-Butylbenzene	119		20.761				ND	7
93 1,2,4-Trimethylbenzene	105		20.852				ND	7
94 sec-Butylbenzene	105		21.109				ND	7
96 1,3-Dichlorobenzene	146		21.270				ND	U
95 4-Isopropyltoluene	119		21.339				ND	7
97 1,4-Dichlorobenzene	146		21.419				ND	U
98 Benzyl chloride	91		21.569				ND	7
100 n-Butylbenzene	91		21.912				ND	7
101 1,2-Dichlorobenzene	146		21.917				ND	U
103 1,2,4-Trichlorobenzene	180		24.324				ND	U
104 Hexachlorobutadiene	225		24.592				ND	
105 Naphthalene	128		24.774				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

ATTO15GIS_00017

Amount Added: 20.00

Units: mL

Run Reagent

1

2

3

4

5

6

7

8

9

10

11

12

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Operator ID: ggg

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Worklist Smp#: 13

Client ID: 4780

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

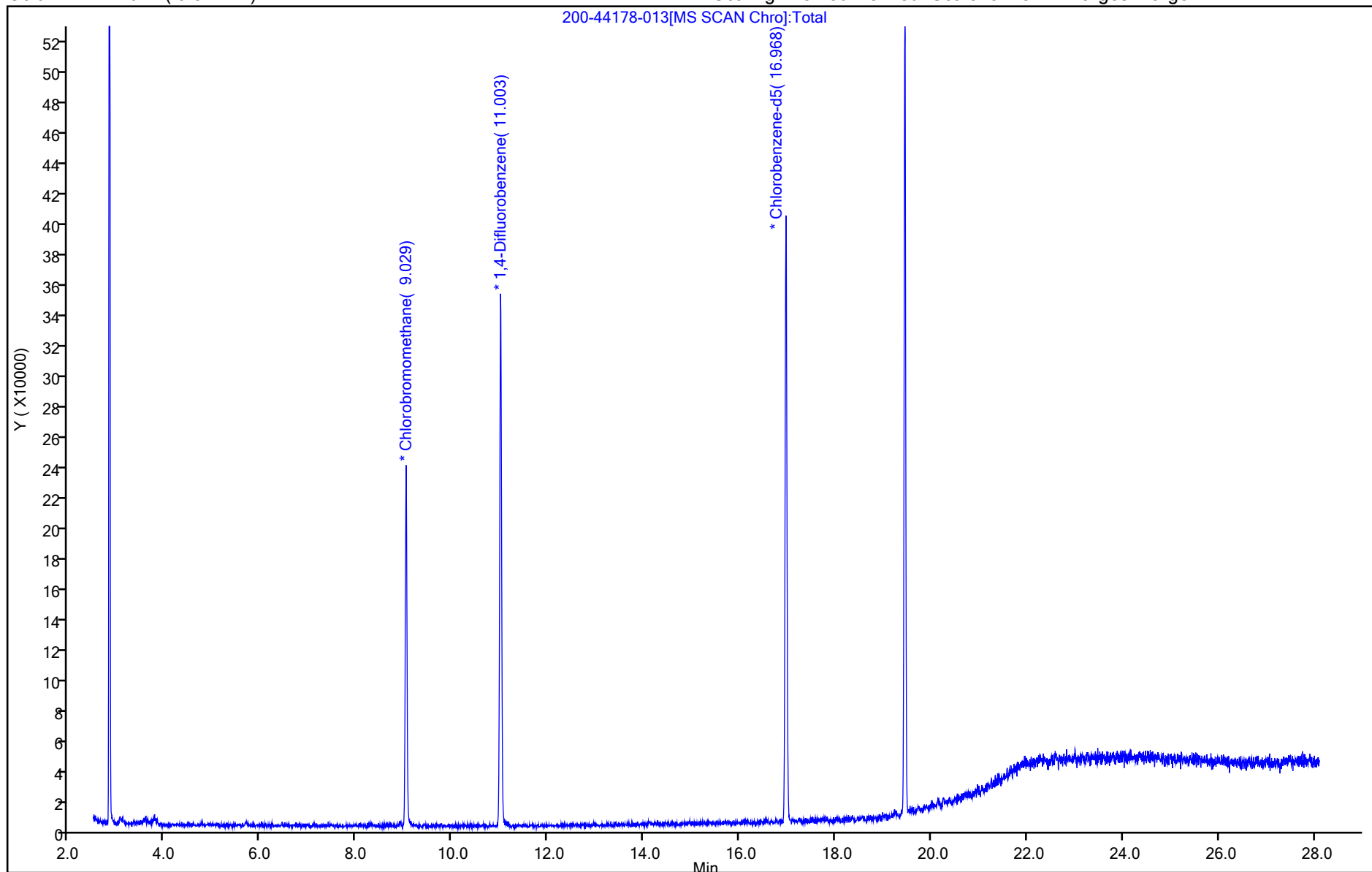
ALS Bottle#: 12

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

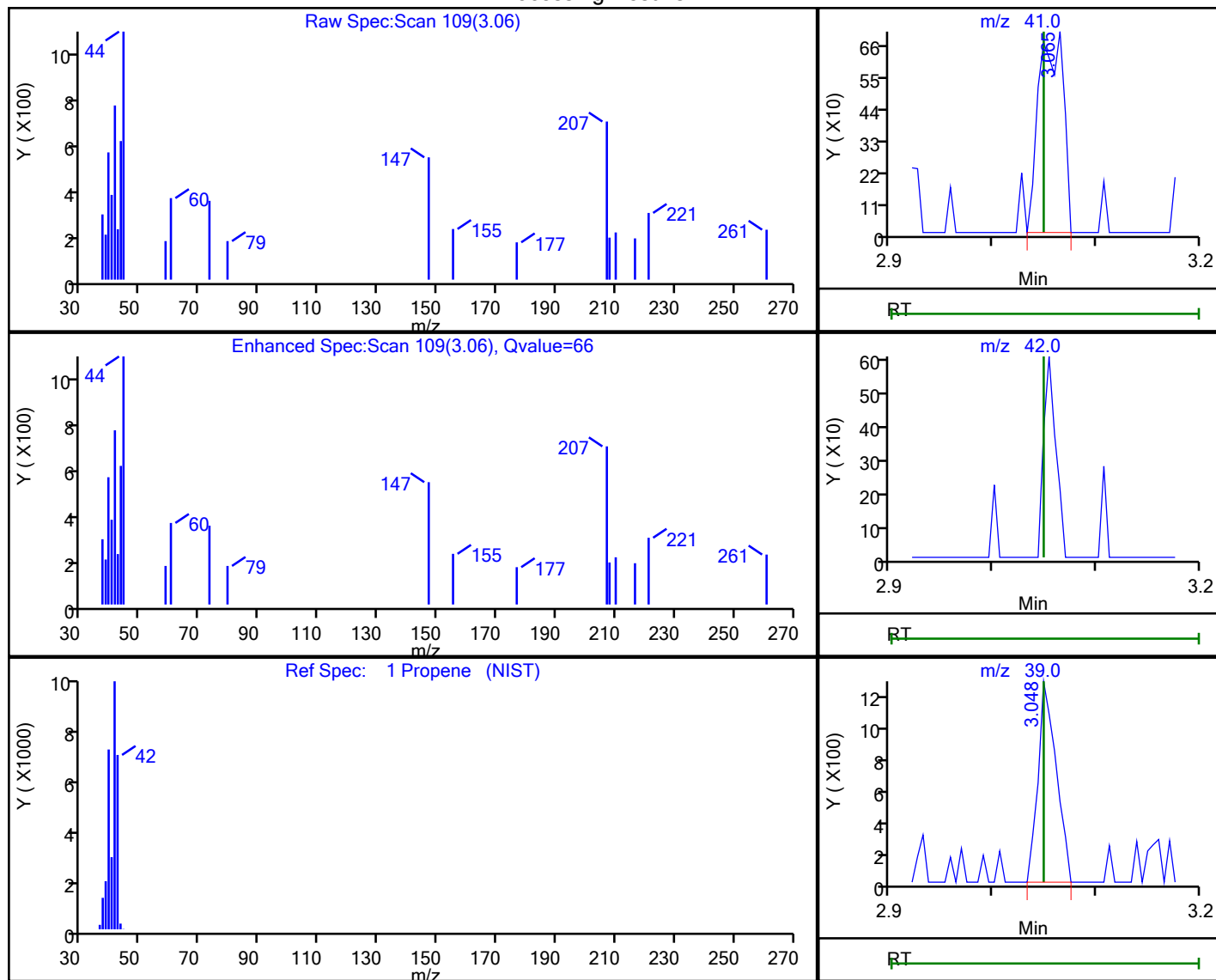


Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D
Injection Date: 22-Dec-2020 17:54:30 Instrument ID: CHG.i
Lims ID: 200-56545-A-2 Lab Sample ID: 200-56545-2
Client ID: 4780
Operator ID: ggg ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.06	41.00	1165	0.417855
3.05	42.00	0	
3.05	39.00	1584	

Reviewer: bunmaa, 23-Dec-2020 08:24:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

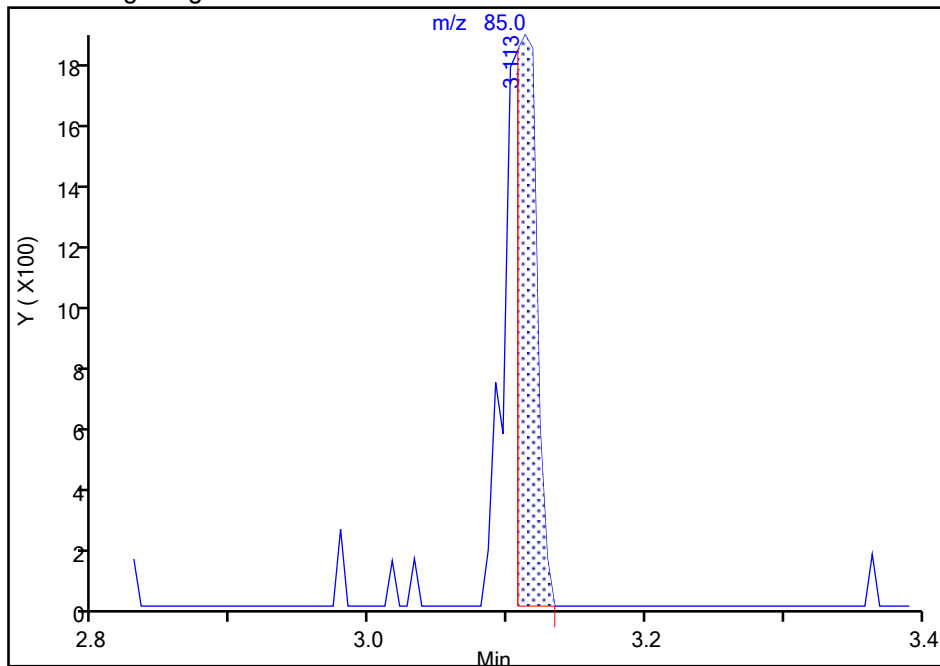
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D		
Injection Date:	22-Dec-2020 17:54:30	Instrument ID:	CHG.i
Lims ID:	200-56545-A-2	Lab Sample ID:	200-56545-2
Client ID:	4780		
Operator ID:	ggg	ALS Bottle#:	12
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	13

2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

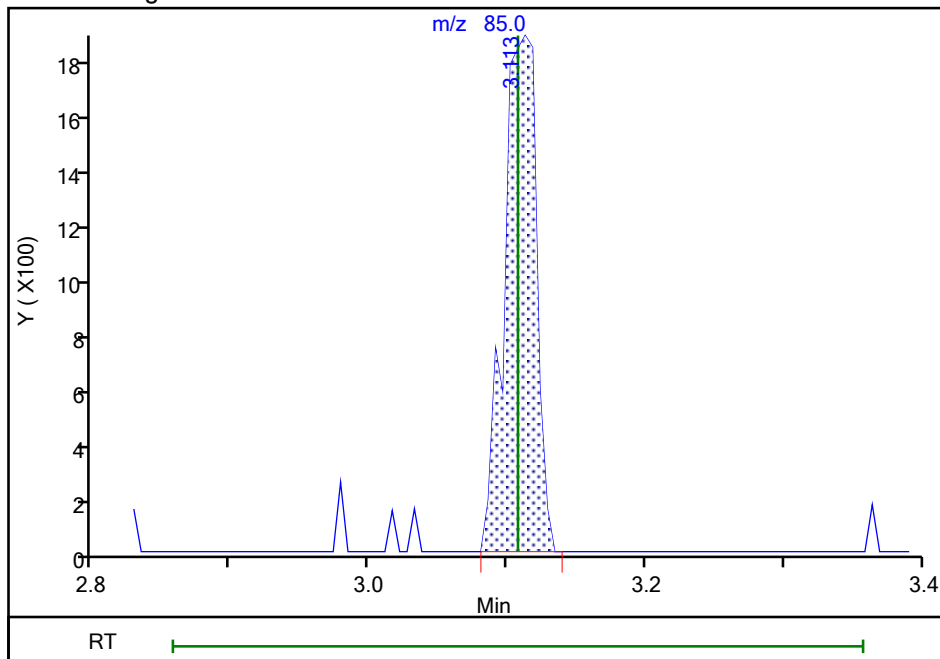
RT: 3.11
Area: 2042
Amount: 0.109520
Amount Units: ppb v/v

Processing Integration Results



RT: 3.11
Area: 3099
Amount: 0.166211
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 23-Dec-2020 08:24:51

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Client ID: 4780

Operator ID: ggg

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

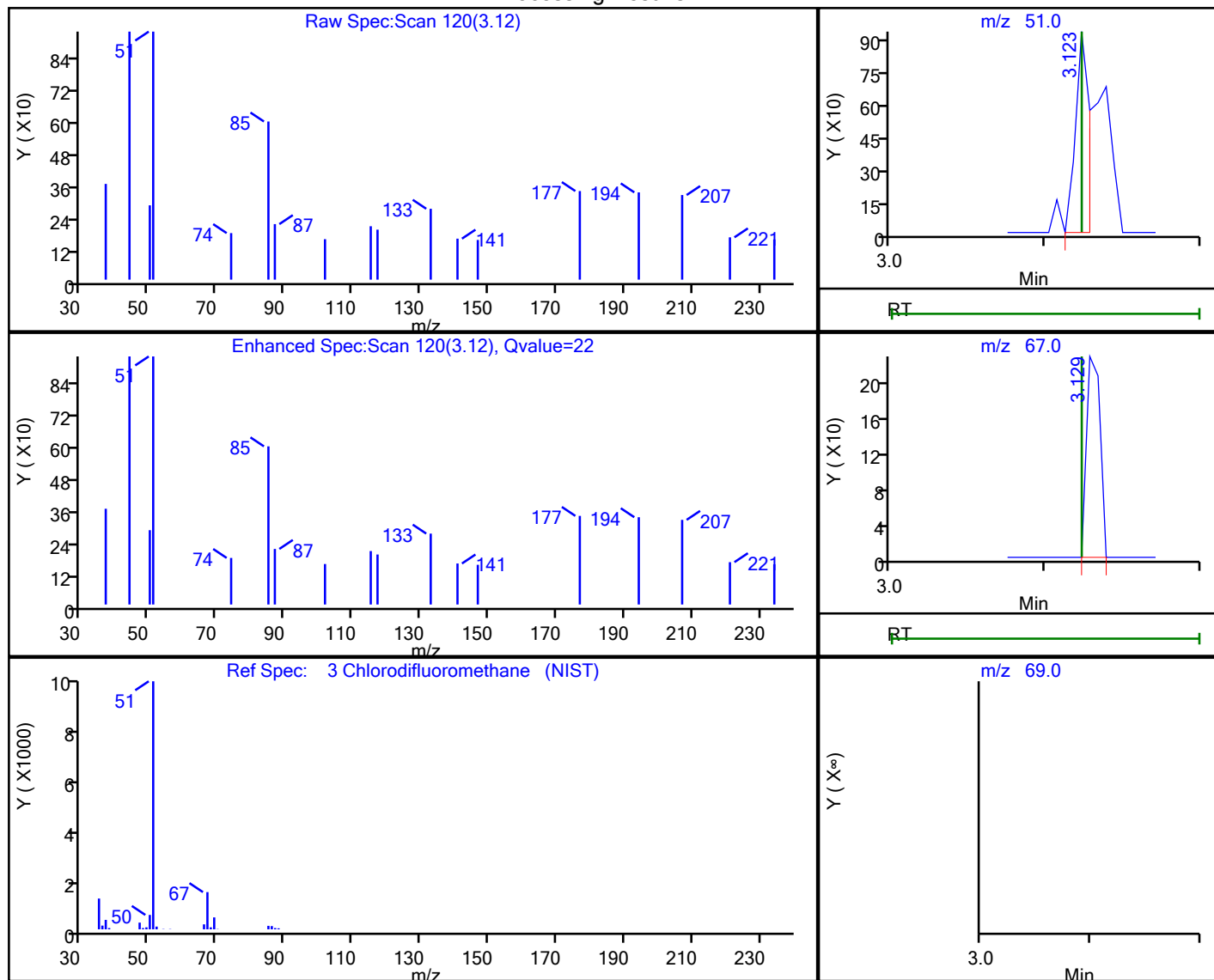
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
3.12	51.00	590	0.074024
3.13	67.00	139	
3.12	69.00	0	

Reviewer: bunmaa, 23-Dec-2020 08:25:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

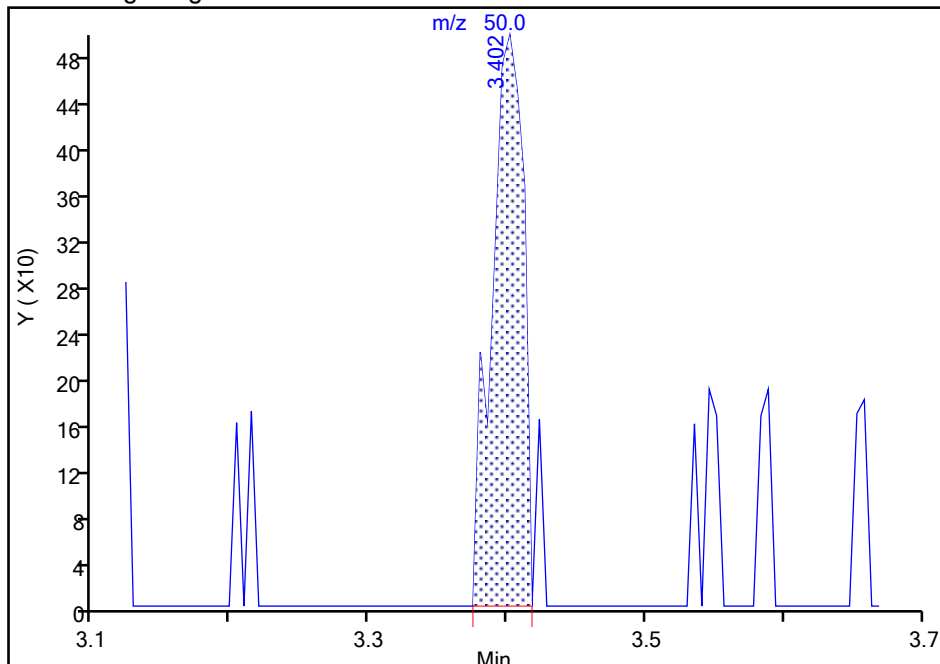
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D		
Injection Date:	22-Dec-2020 17:54:30	Instrument ID:	CHG.i
Lims ID:	200-56545-A-2	Lab Sample ID:	200-56545-2
Client ID:	4780		
Operator ID:	ggg	ALS Bottle#:	12
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	13

5 Chloromethane, CAS: 74-87-3

Signal: 1

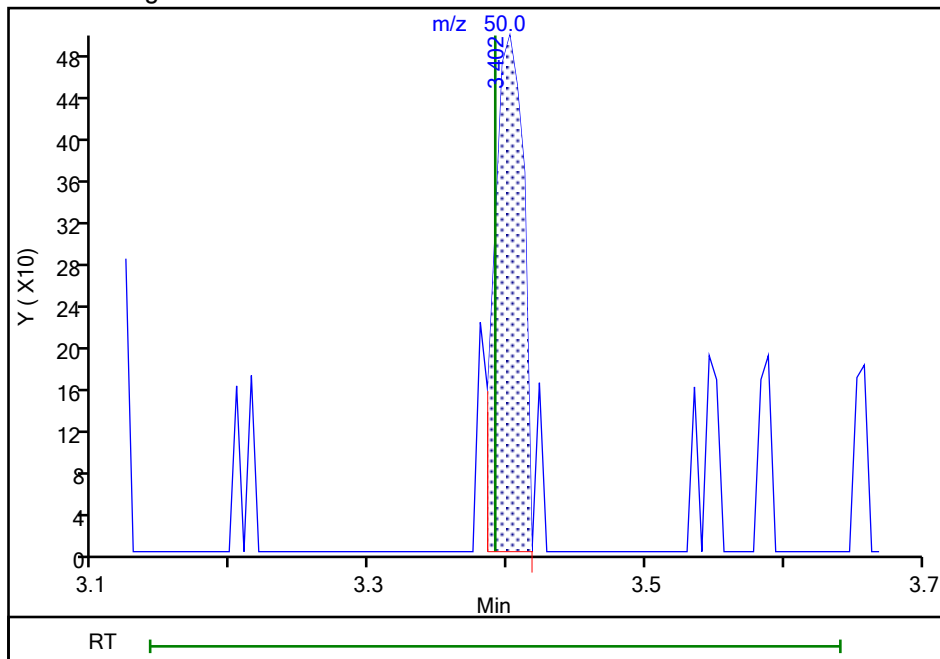
RT: 3.40
Area: 788
Amount: 0.249966
Amount Units: ppb v/v

Processing Integration Results



RT: 3.40
Area: 717
Amount: 0.227444
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 23-Dec-2020 08:25:27

Audit Action: Manually Integrated

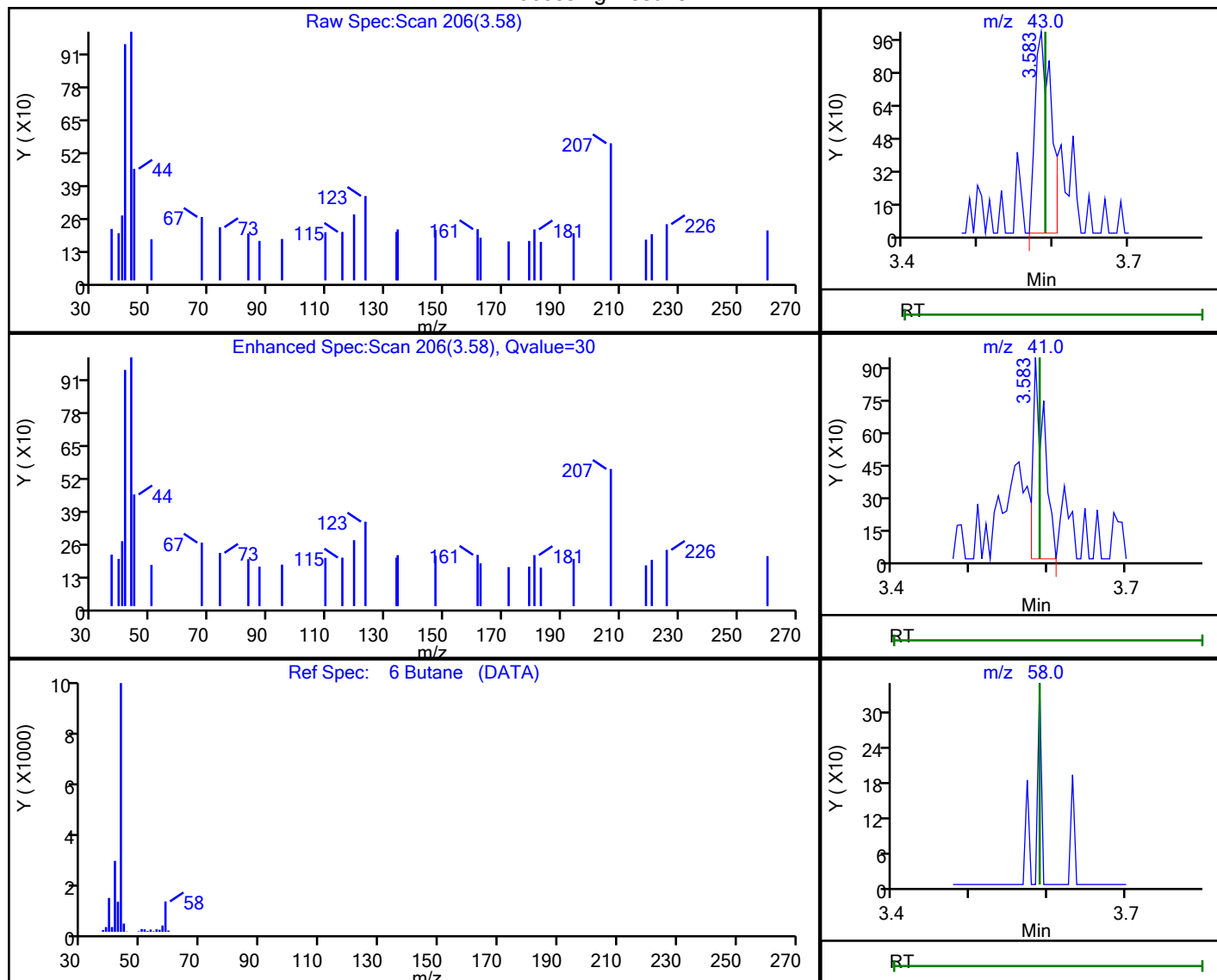
Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D
Injection Date: 22-Dec-2020 17:54:30 Instrument ID: CHG.i
Lims ID: 200-56545-A-2 Lab Sample ID: 200-56545-2
Client ID: 4780
Operator ID: ggg ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

6 Butane, CAS: 106-97-8

Processing Results



RT	Mass	Response	Amount
3.58	43.00	1485	0.298241
3.58	41.00	950	
3.59	58.00	0	

Reviewer: bunmaa, 23-Dec-2020 08:25:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Client ID: 4780

Operator ID: ggg

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

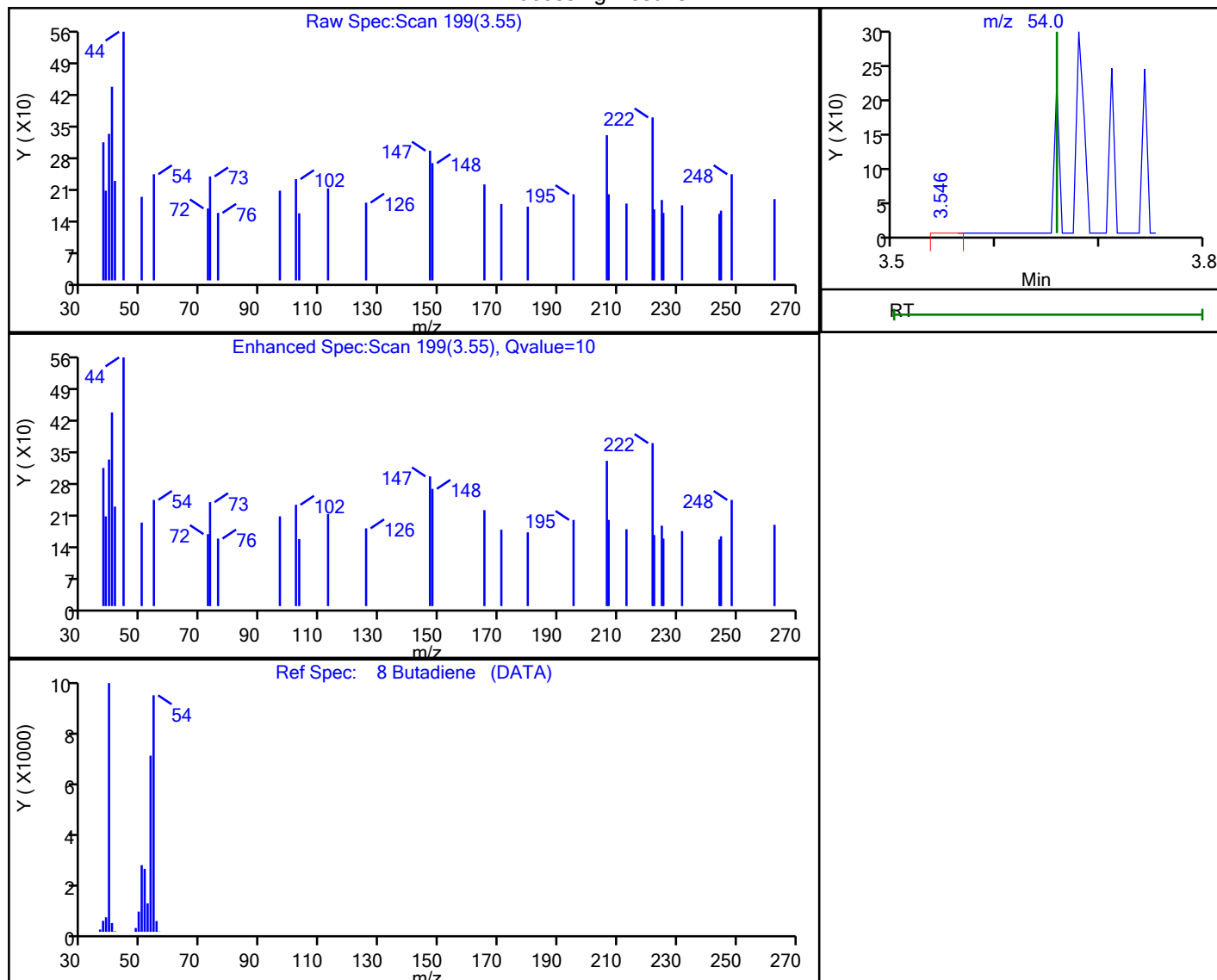
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
3.55	54.00	138	0.050679

Reviewer: bunmaa, 23-Dec-2020 08:25:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

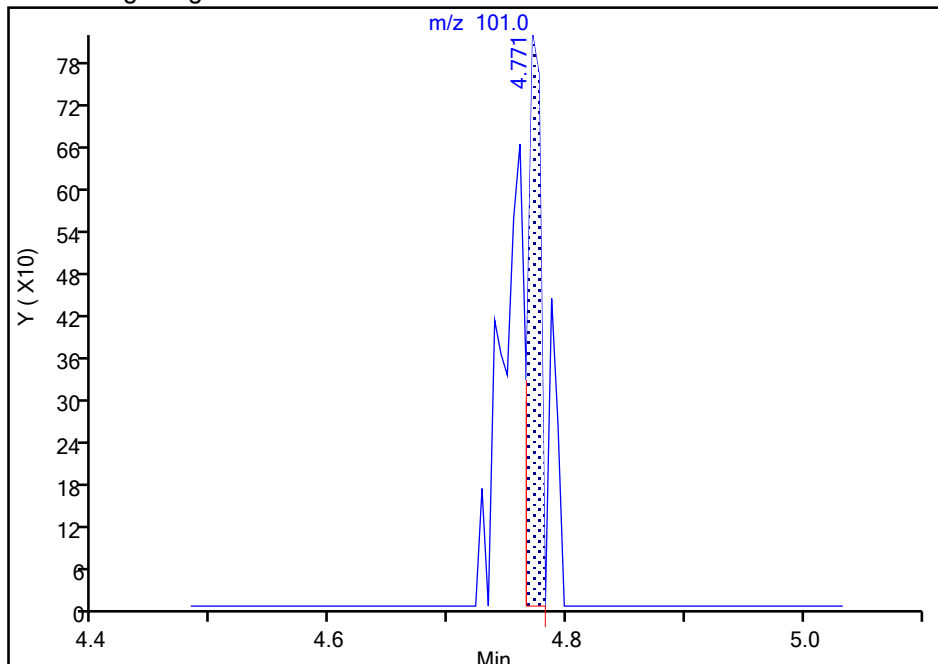
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D		
Injection Date:	22-Dec-2020 17:54:30	Instrument ID:	CHG.i
Lims ID:	200-56545-A-2	Lab Sample ID:	200-56545-2
Client ID:	4780		
Operator ID:	ggg	ALS Bottle#:	12
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	13

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

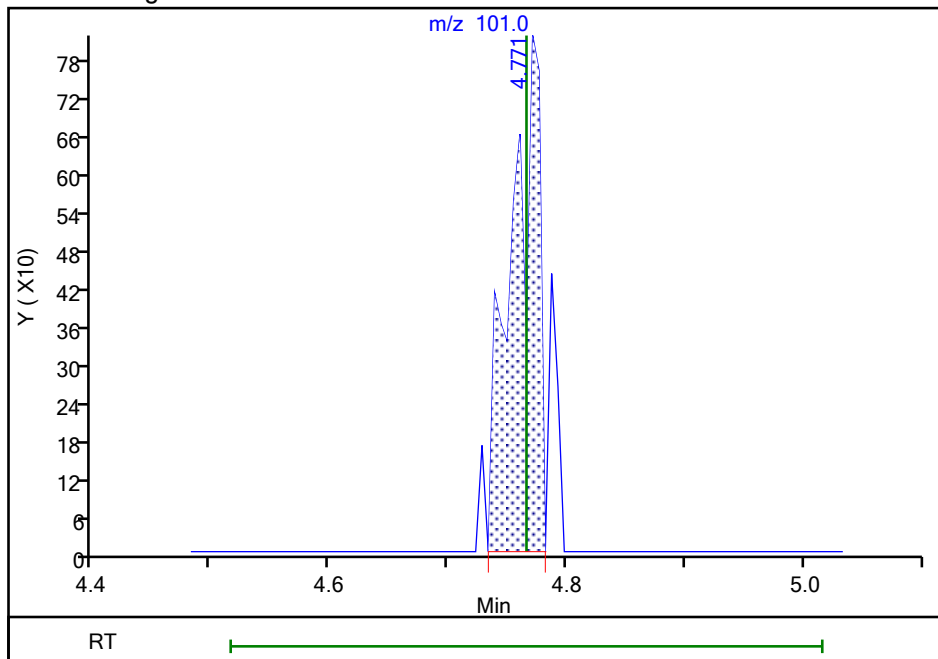
RT: 4.77
Area: 606
Amount: 0.034641
Amount Units: ppb v/v

Processing Integration Results



RT: 4.77
Area: 1344
Amount: 0.076827
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 23-Dec-2020 08:26:09

Audit Action: Manually Integrated

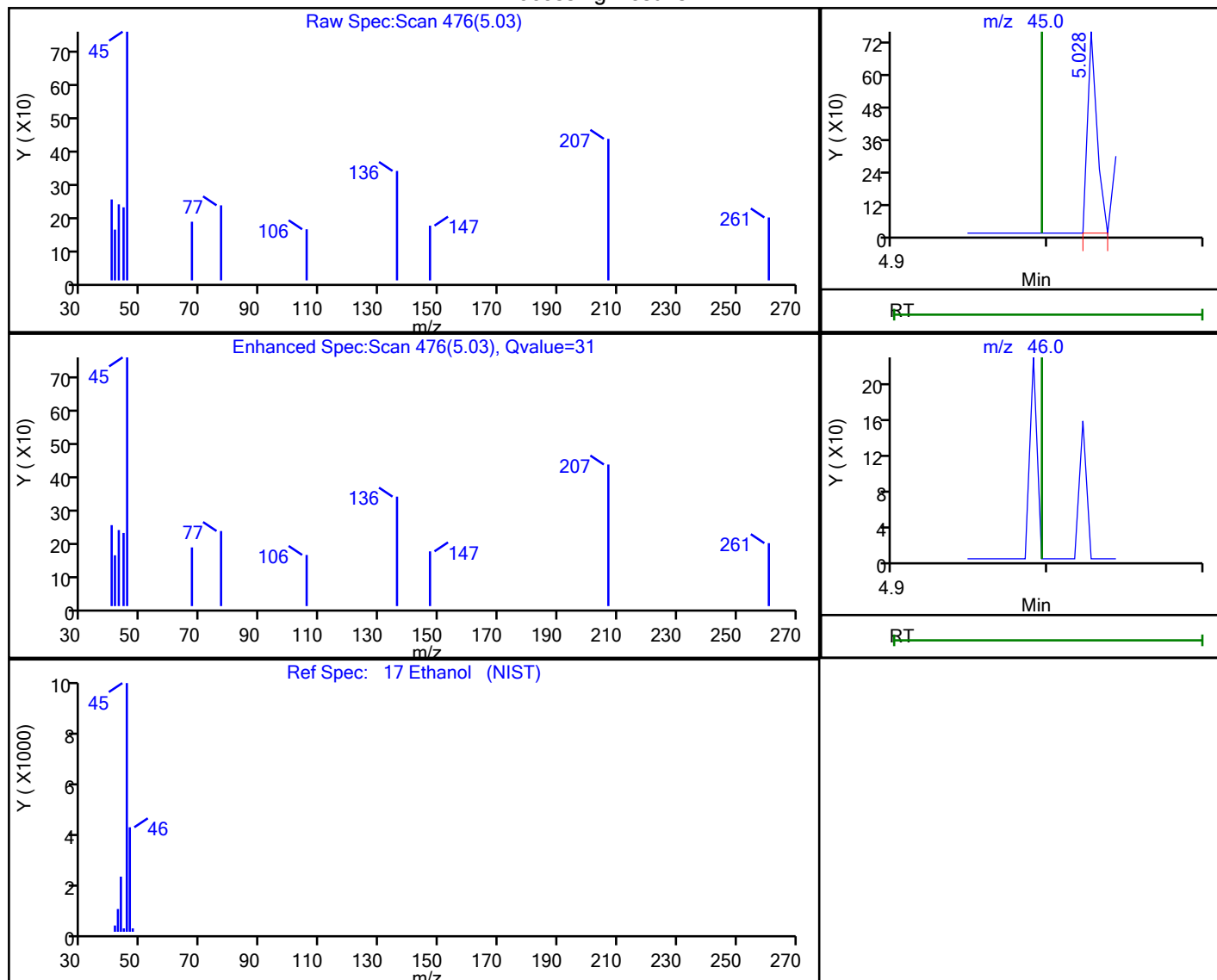
Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D
Injection Date: 22-Dec-2020 17:54:30 Instrument ID: CHG.i
Lims ID: 200-56545-A-2 Lab Sample ID: 200-56545-2
Client ID: 4780
Operator ID: ggg ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

17 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
5.03	45.00	321	0.202006
5.00	46.00	0	

Reviewer: bunmaa, 23-Dec-2020 08:26:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Client ID: 4780

Operator ID: ggg

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

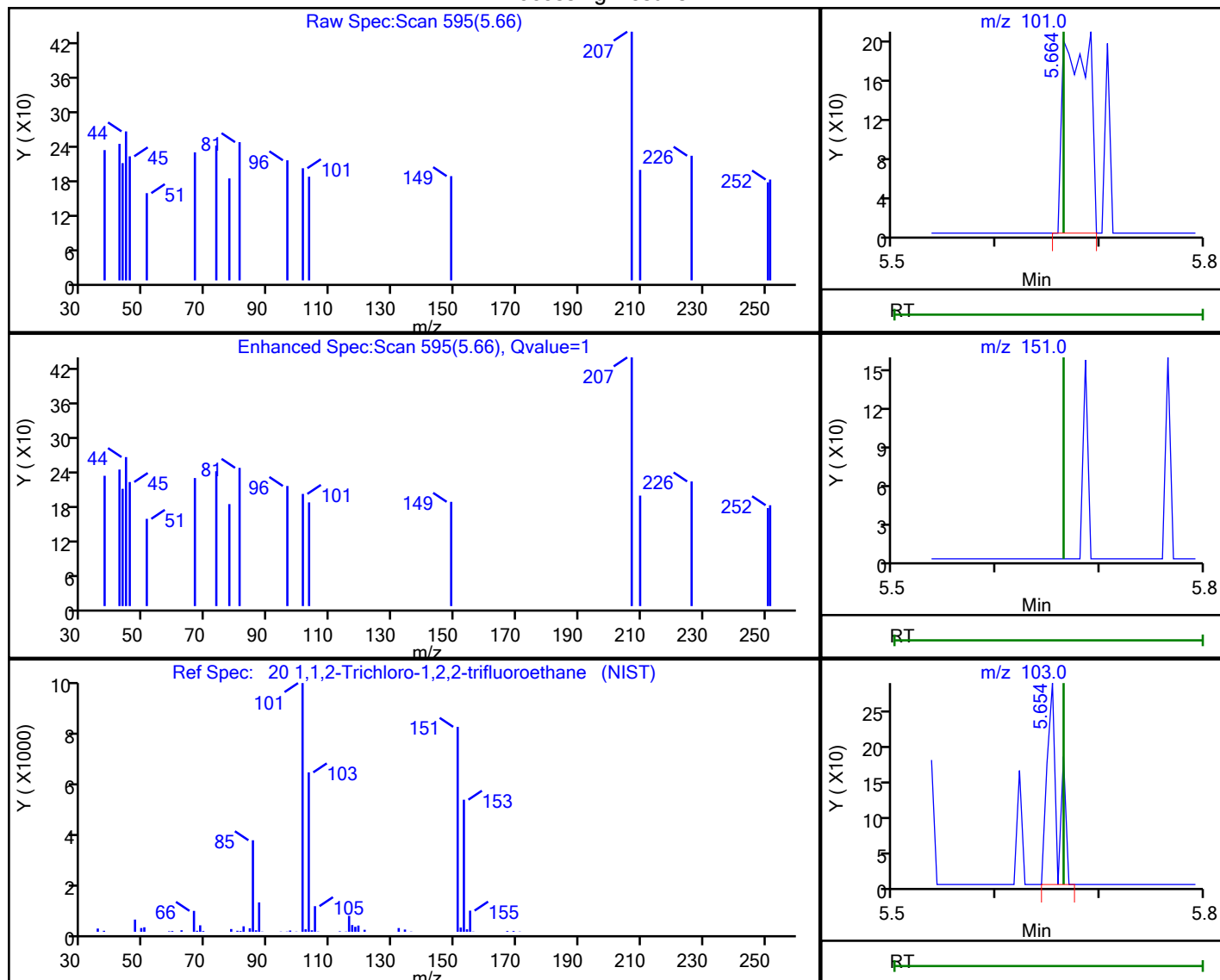
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
5.66	101.00	352	0.028857
5.66	151.00	0	
5.65	103.00	207	

Reviewer: bunmaa, 23-Dec-2020 08:27:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Client ID: 4780

Operator ID: ggg

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

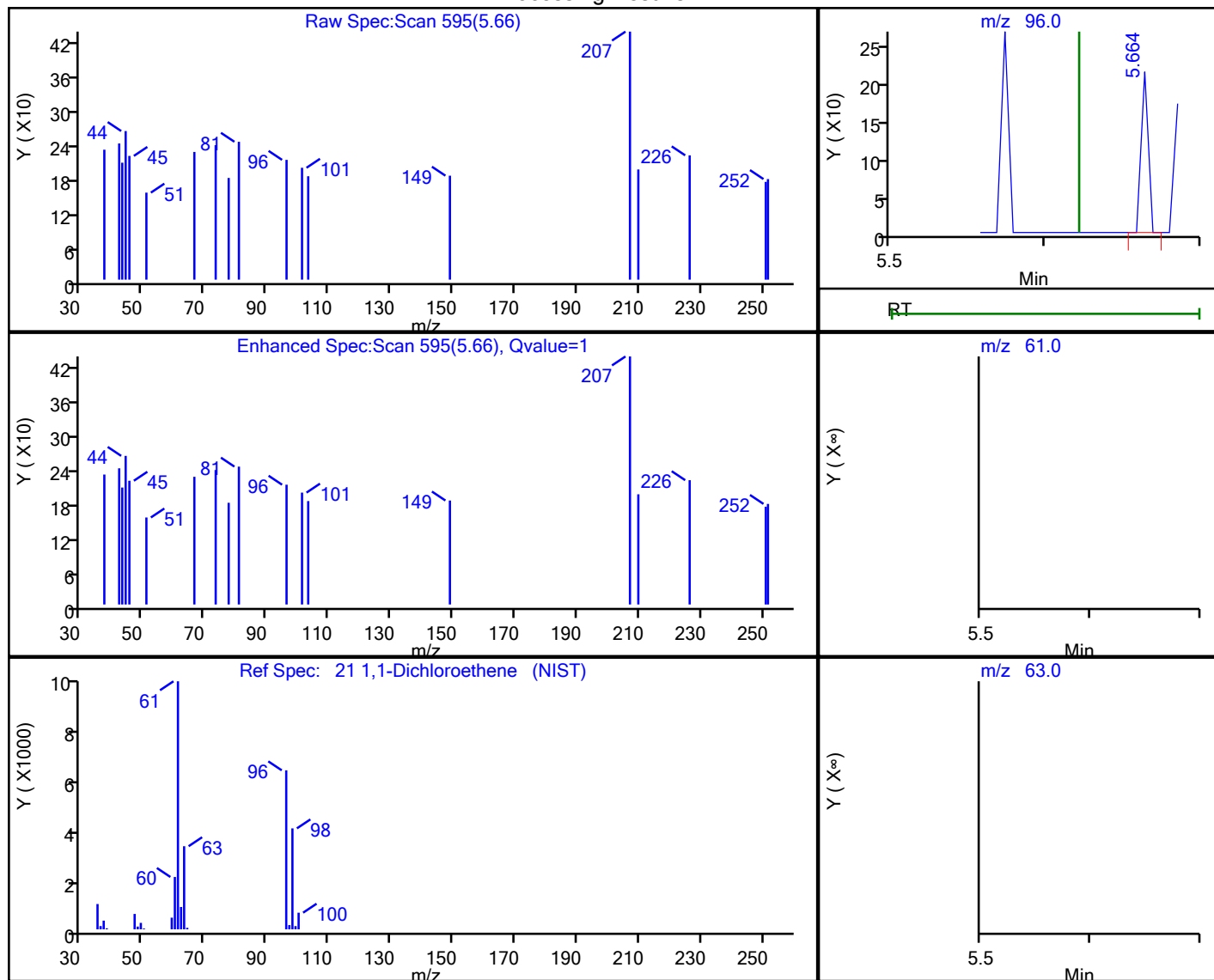
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
5.66	96.00	68	0.012931
5.62	61.00	0	
5.62	63.00	0	

Reviewer: bunmaa, 23-Dec-2020 08:26:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

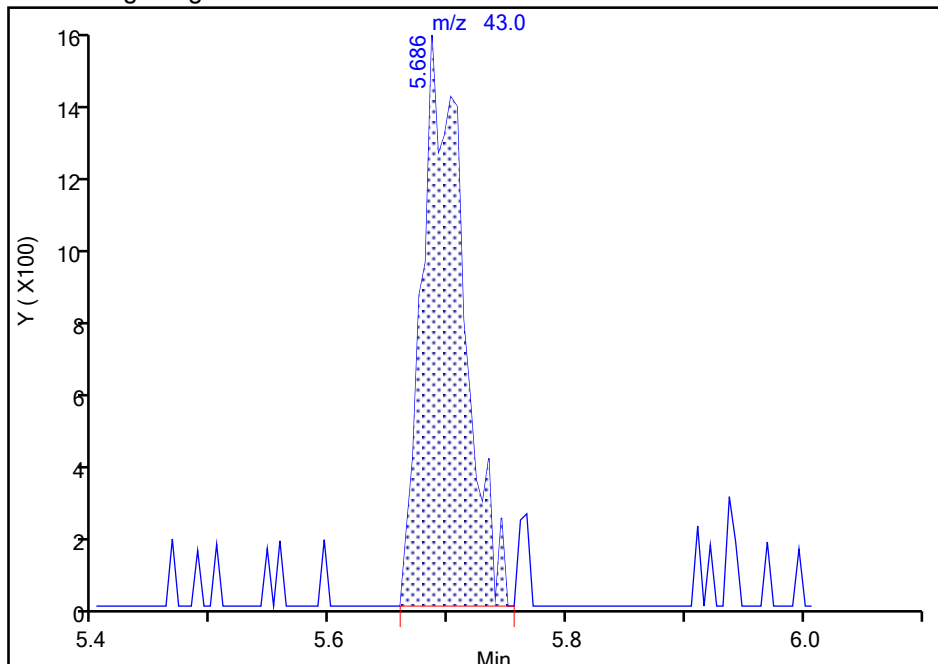
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D		
Injection Date:	22-Dec-2020 17:54:30	Instrument ID:	CHG.i
Lims ID:	200-56545-A-2	Lab Sample ID:	200-56545-2
Client ID:	4780		
Operator ID:	ggg	ALS Bottle#:	12
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	13

22 Acetone, CAS: 67-64-1

Signal: 1

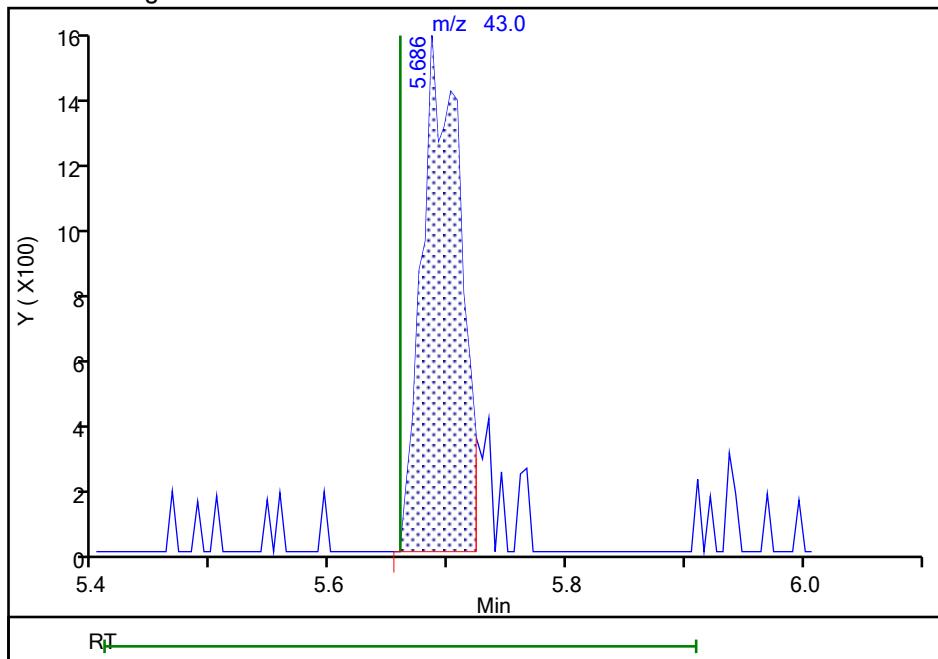
RT: 5.69
Area: 3764
Amount: 0.806137
Amount Units: ppb v/v

Processing Integration Results



RT: 5.69
Area: 3471
Amount: 0.743385
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 23-Dec-2020 08:26:57

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

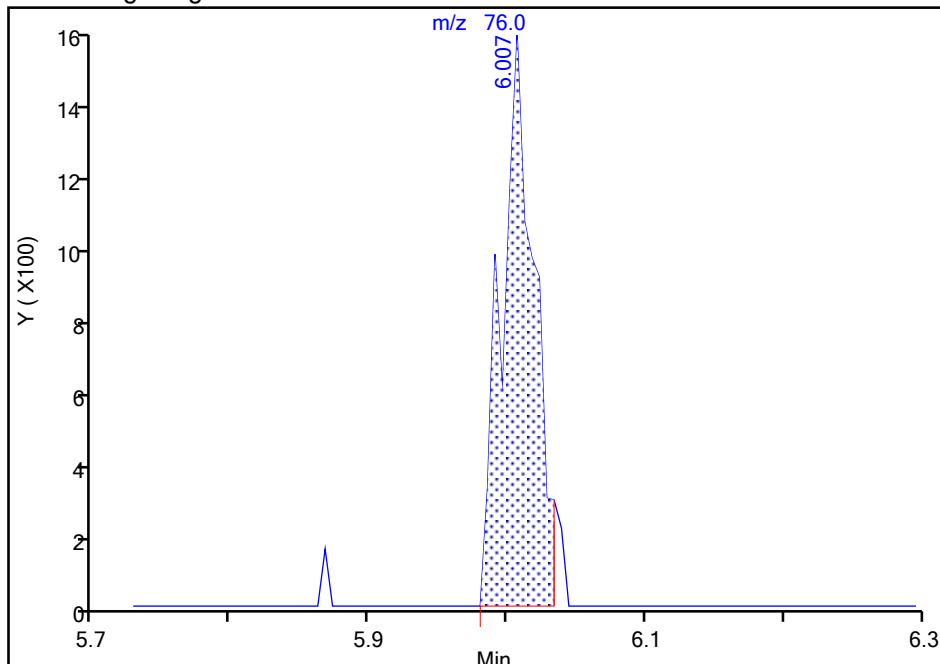
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D		
Injection Date:	22-Dec-2020 17:54:30	Instrument ID:	CHG.i
Lims ID:	200-56545-A-2	Lab Sample ID:	200-56545-2
Client ID:	4780		
Operator ID:	ggg	ALS Bottle#:	12
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	13

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

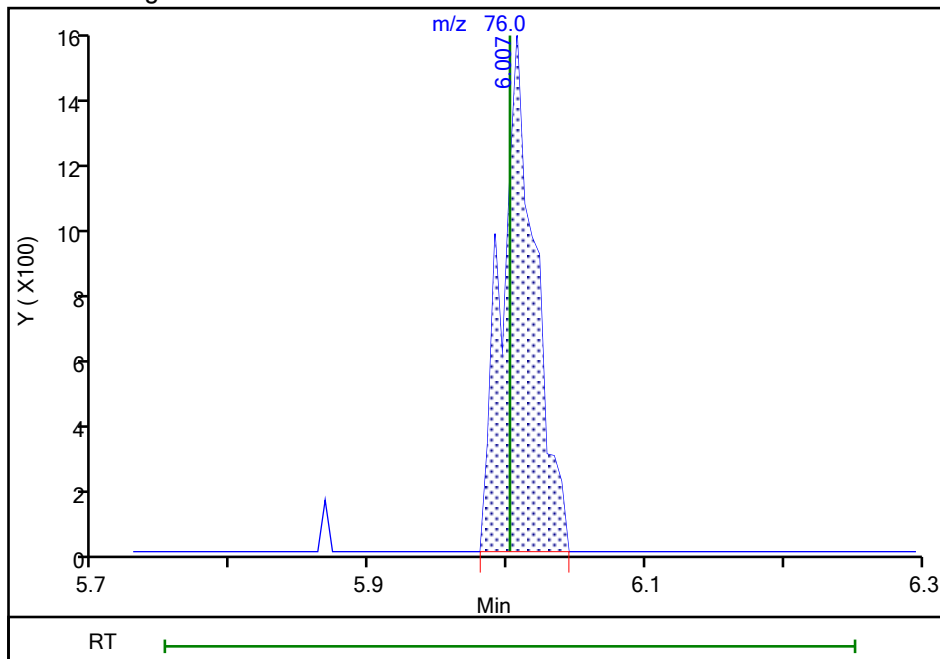
RT: 6.01
Area: 2547
Amount: 0.182309
Amount Units: ppb v/v

Processing Integration Results



RT: 6.01
Area: 2615
Amount: 0.187177
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 23-Dec-2020 08:27:18

Audit Action: Manually Integrated

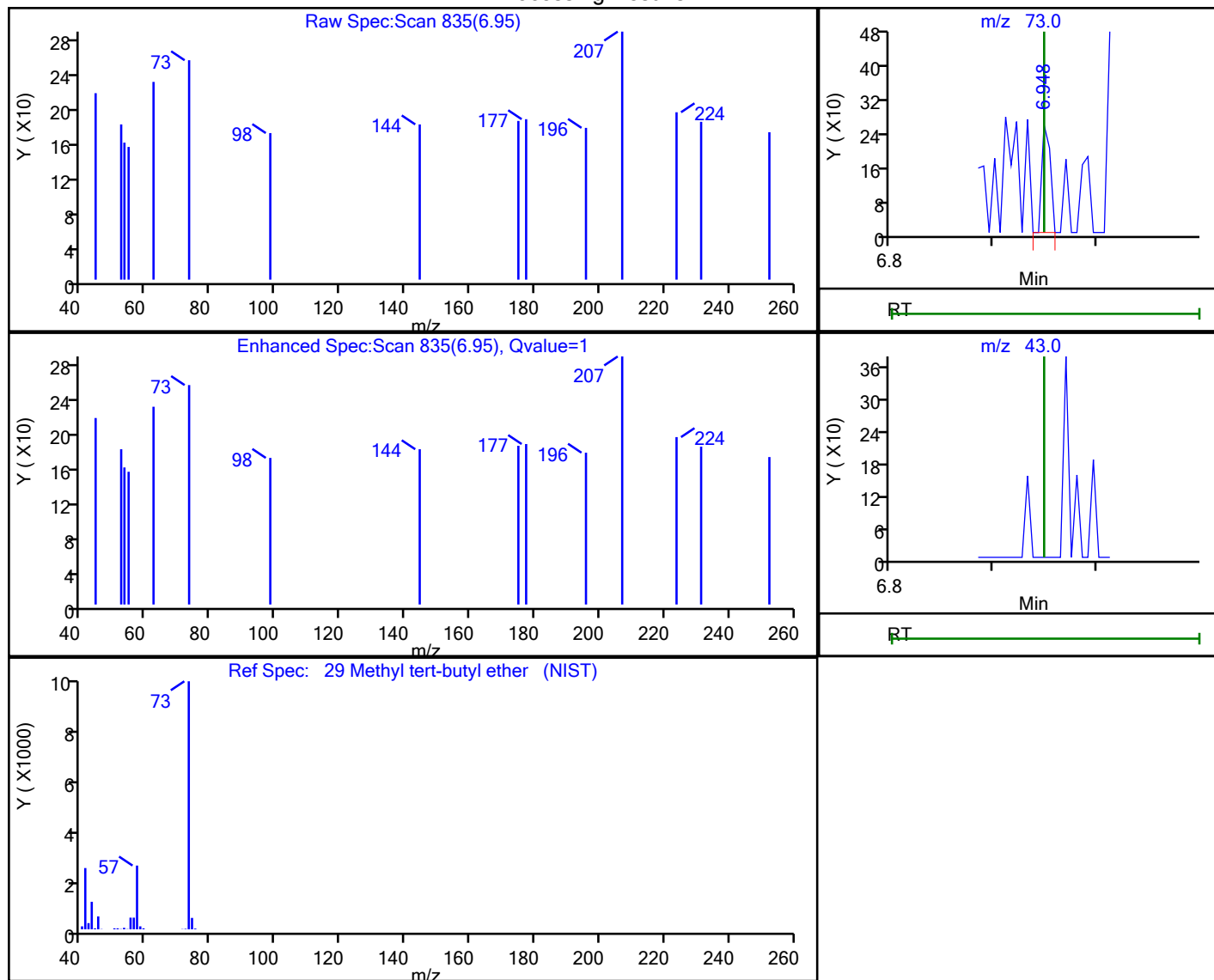
Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D
Injection Date: 22-Dec-2020 17:54:30 Instrument ID: CHG.i
Lims ID: 200-56545-A-2 Lab Sample ID: 200-56545-2
Client ID: 4780
Operator ID: ggg ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
6.95	73.00	145	0.013163
6.95	43.00	0	

Reviewer: bunmaa, 23-Dec-2020 08:27:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

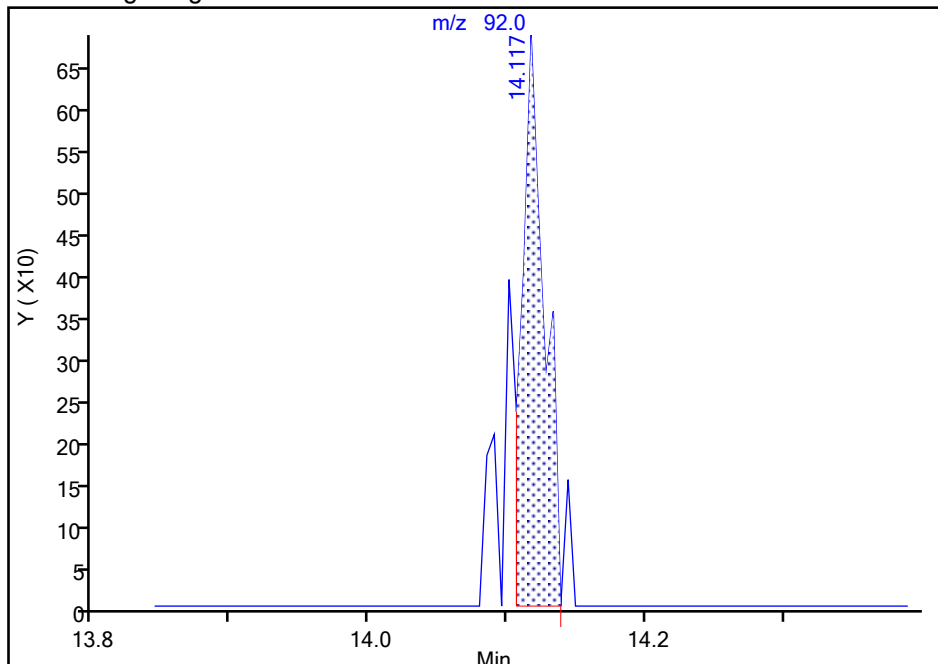
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D		
Injection Date:	22-Dec-2020 17:54:30	Instrument ID:	CHG.i
Lims ID:	200-56545-A-2	Lab Sample ID:	200-56545-2
Client ID:	4780		
Operator ID:	ggg	ALS Bottle#:	12
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	13

65 Toluene, CAS: 108-88-3

Signal: 1

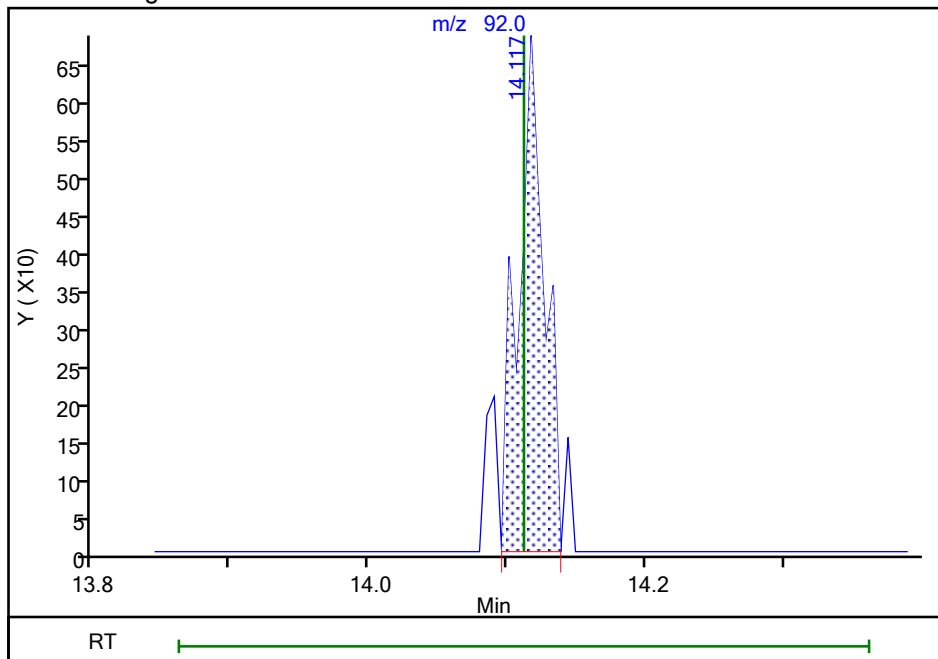
RT: 14.12
Area: 774
Amount: 0.060304
Amount Units: ppb v/v

Processing Integration Results



RT: 14.12
Area: 899
Amount: 0.070043
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 23-Dec-2020 08:28:30

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

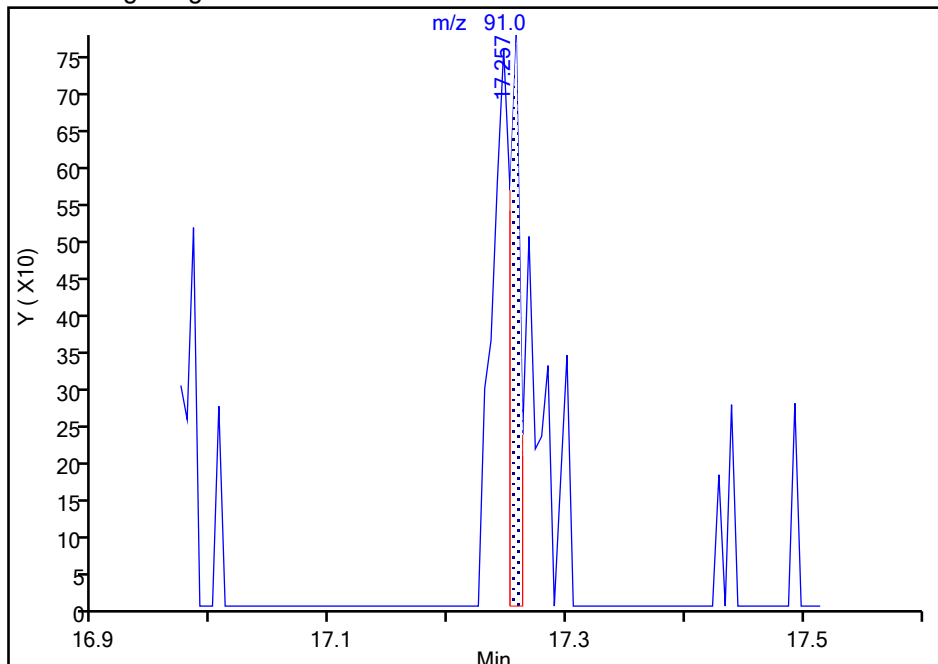
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D		
Injection Date:	22-Dec-2020 17:54:30	Instrument ID:	CHG.i
Lims ID:	200-56545-A-2	Lab Sample ID:	200-56545-2
Client ID:	4780		
Operator ID:	ggg	ALS Bottle#:	12
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	13

76 Ethylbenzene, CAS: 100-41-4

Signal: 1

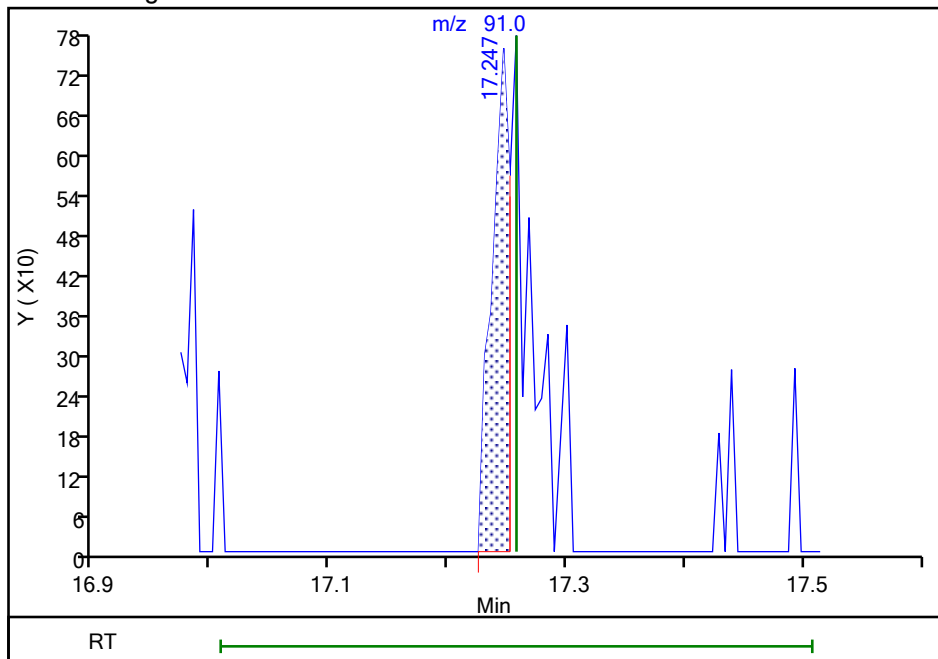
RT: 17.26
Area: 504
Amount: 0.017378
Amount Units: ppb v/v

Processing Integration Results



RT: 17.25
Area: 818
Amount: 0.028205
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 23-Dec-2020 08:28:55

Audit Action: Assigned Compound ID

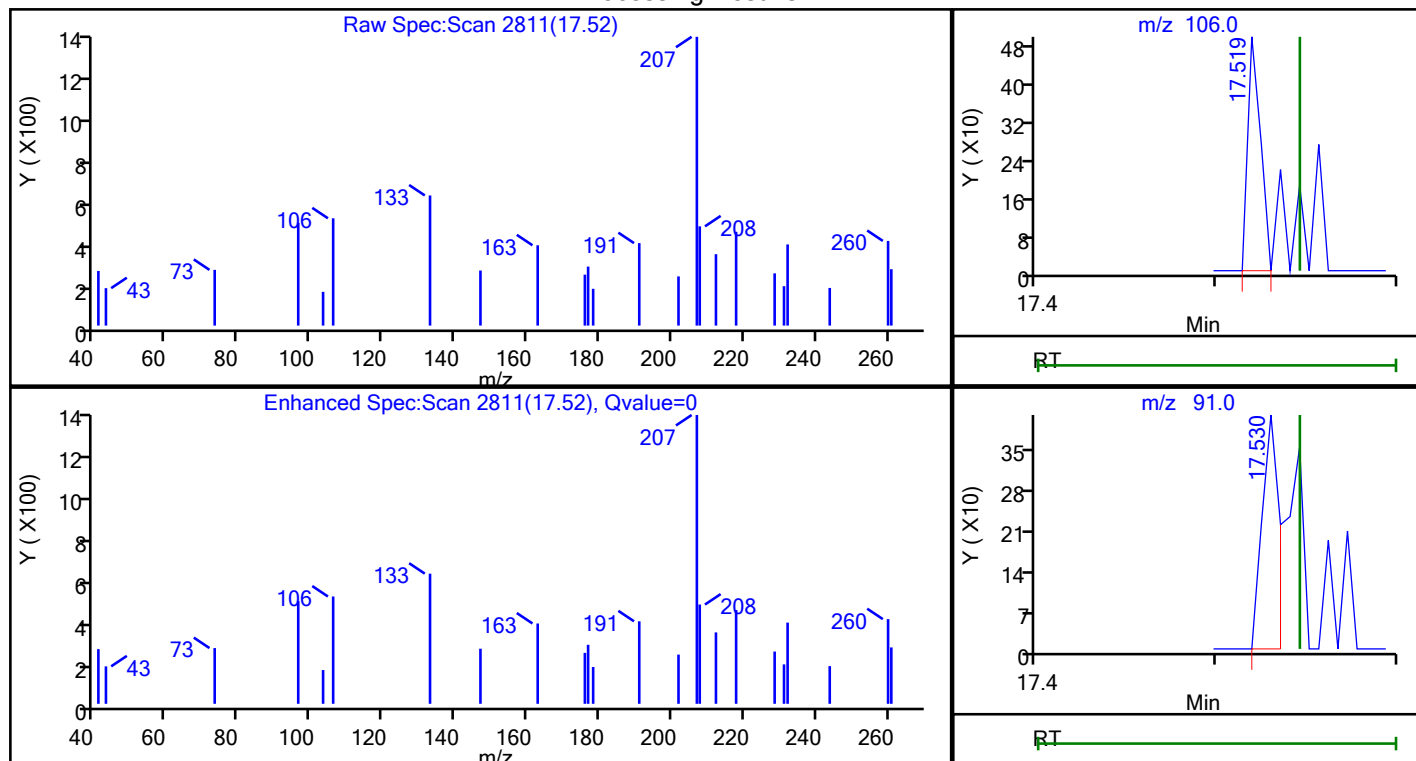
Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D
Injection Date: 22-Dec-2020 17:54:30 Instrument ID: CHG.i
Lims ID: 200-56545-A-2 Lab Sample ID: 200-56545-2
Client ID: 4780
Operator ID: ggg ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

78 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
17.52	106.00	244	0.023270
17.53	91.00	267	

Reviewer: bunmaa, 23-Dec-2020 08:29:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

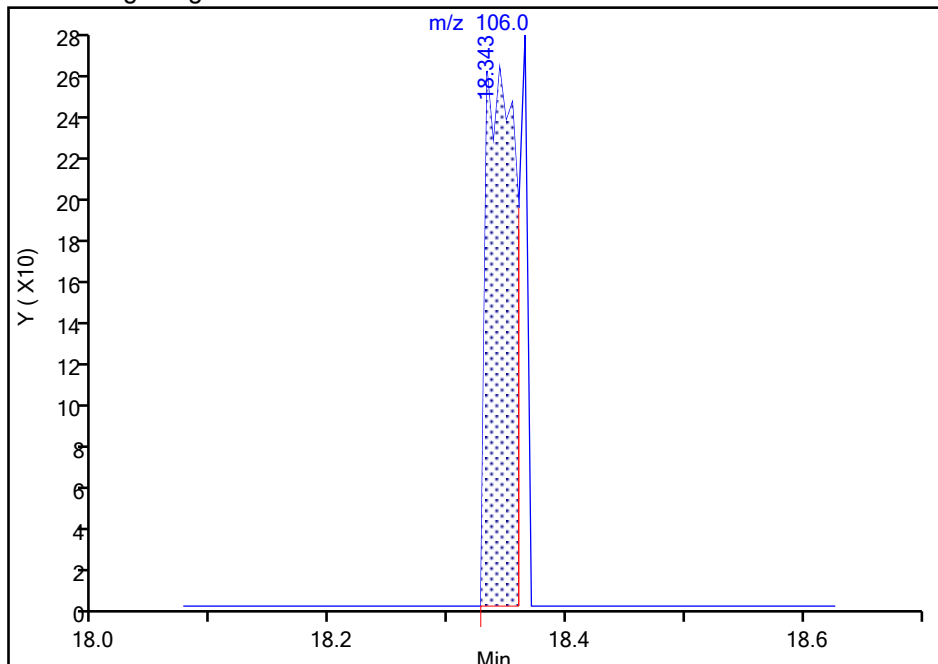
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D		
Injection Date:	22-Dec-2020 17:54:30	Instrument ID:	CHG.i
Lims ID:	200-56545-A-2	Lab Sample ID:	200-56545-2
Client ID:	4780		
Operator ID:	ggg	ALS Bottle#:	12
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	13

79 o-Xylene, CAS: 95-47-6

Signal: 1

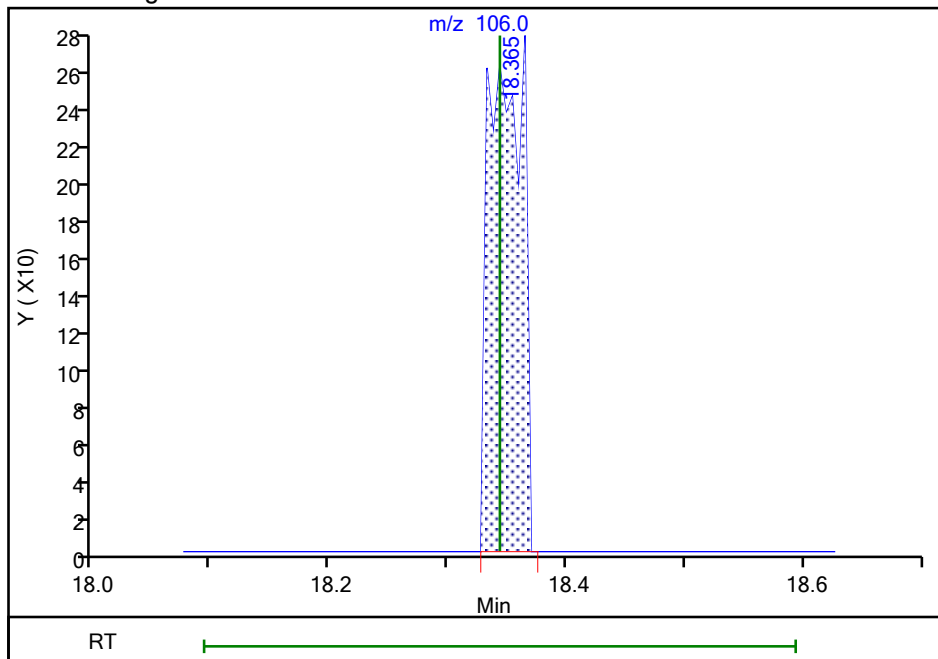
RT: 18.34
Area: 445
Amount: 0.041247
Amount Units: ppb v/v

Processing Integration Results



RT: 18.36
Area: 532
Amount: 0.049312
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 23-Dec-2020 08:29:13

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Client ID: 4780

Operator ID: ggg

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

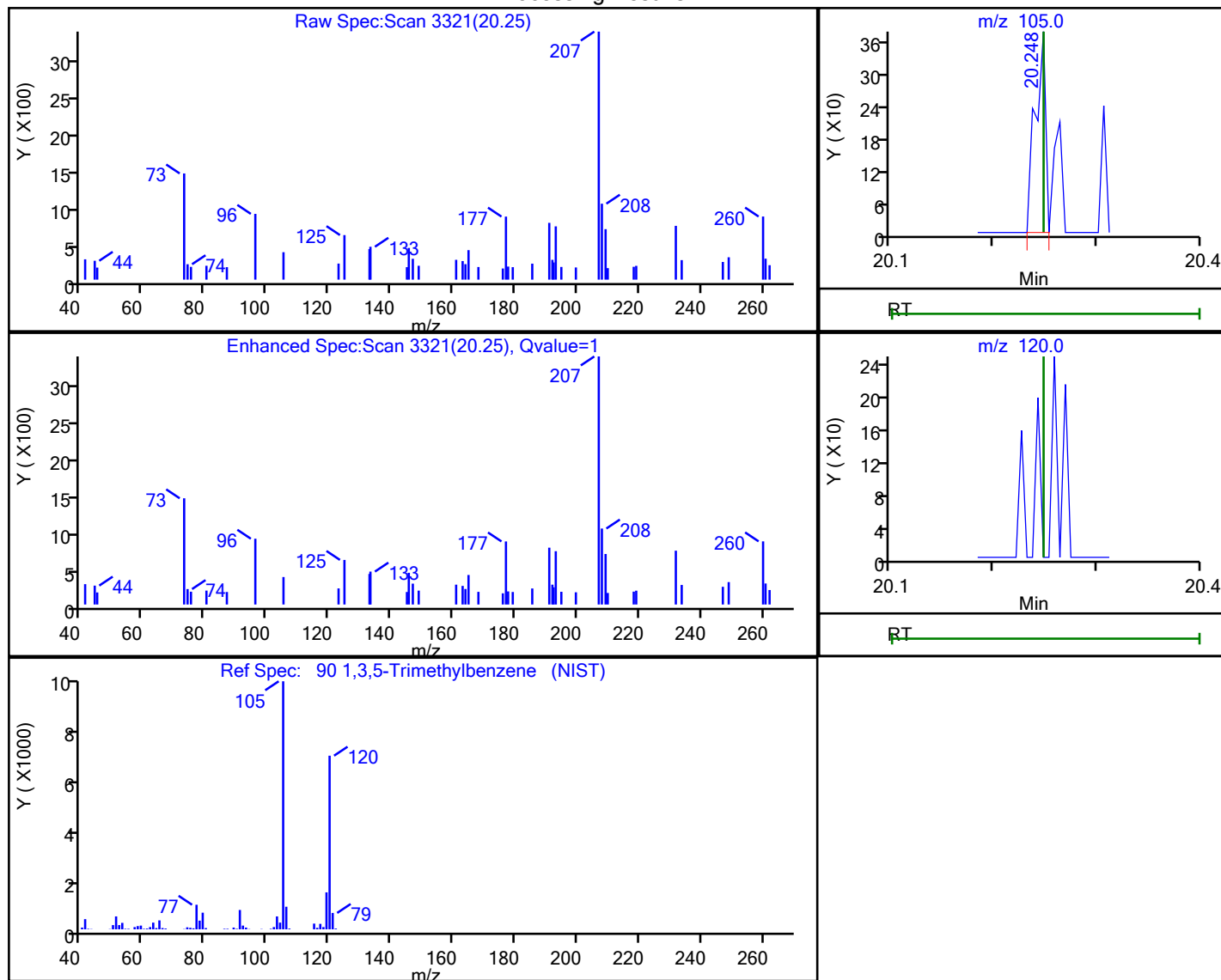
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

90 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
20.25	105.00	261	0.009853
20.25	120.00	0	

Reviewer: bunmaa, 23-Dec-2020 08:29:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Client ID: 4780

Operator ID: ggg

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

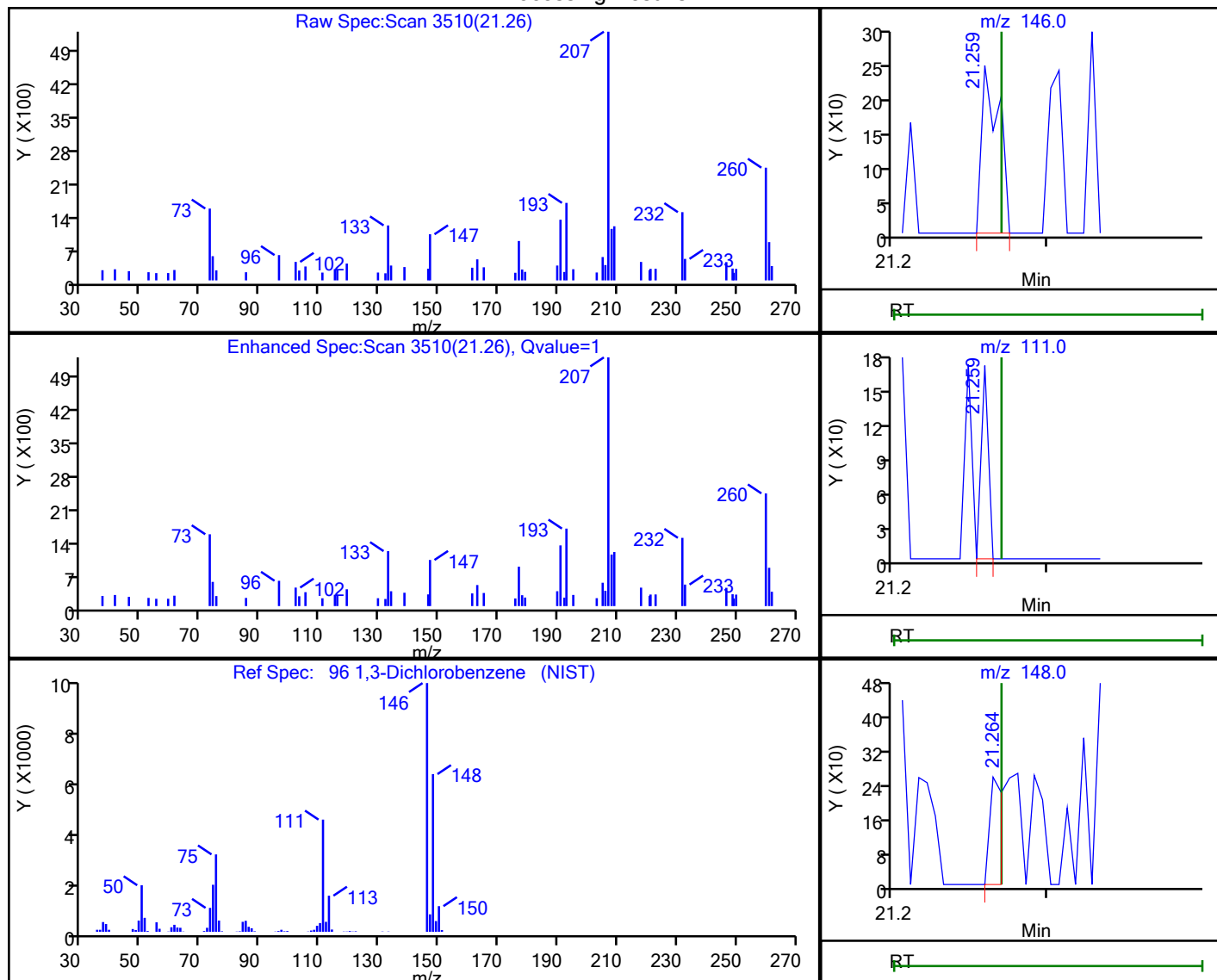
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

96 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.26	146.00	193	0.010004
21.26	111.00	53	
21.26	148.00	150	

Reviewer: bunmaa, 23-Dec-2020 08:29:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Client ID: 4780

Operator ID: ggg

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

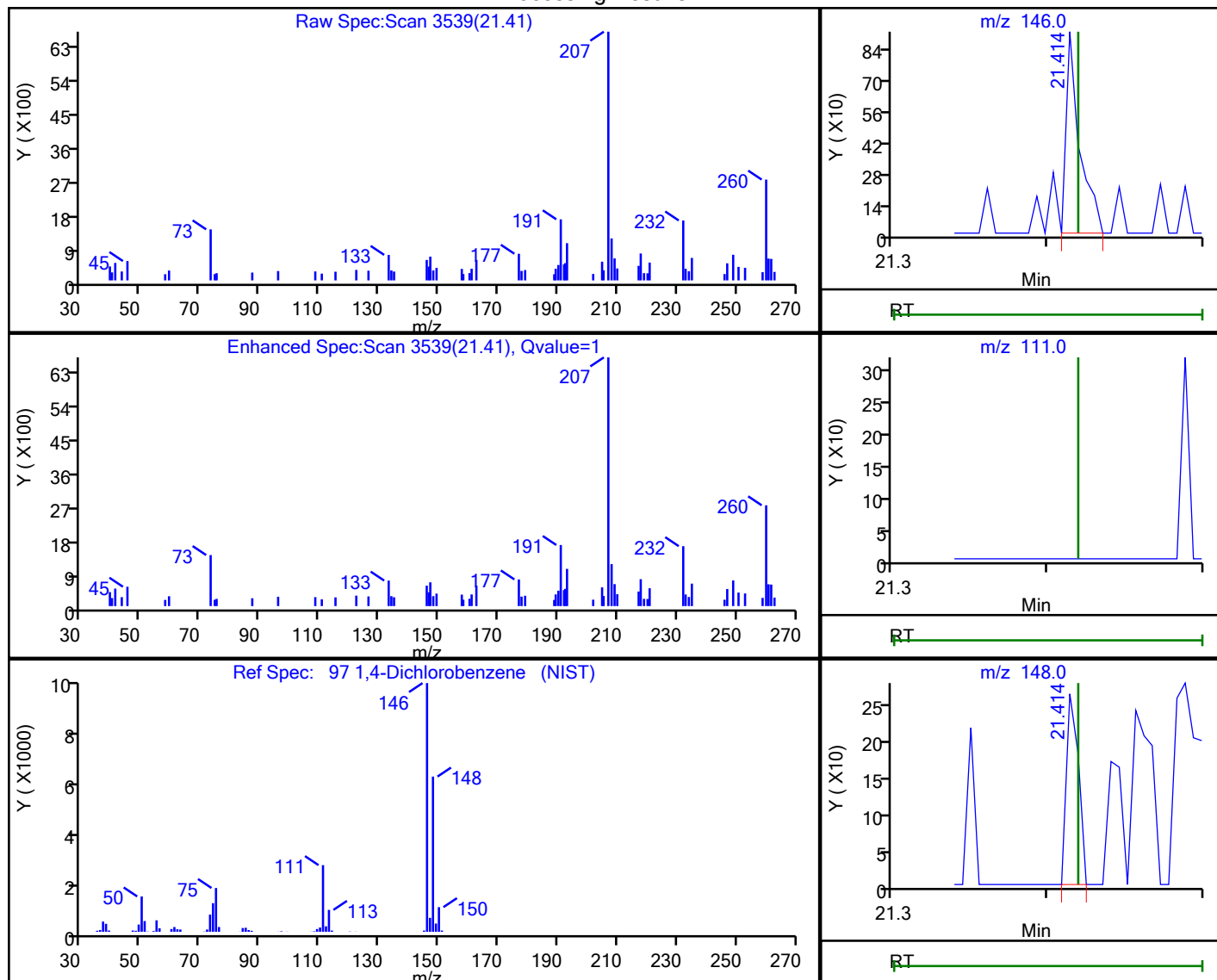
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
21.41	146.00	554	0.028277
21.42	111.00	0	
21.41	148.00	143	

Reviewer: bunmaa, 23-Dec-2020 08:29:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Client ID: 4780

Operator ID: ggg

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

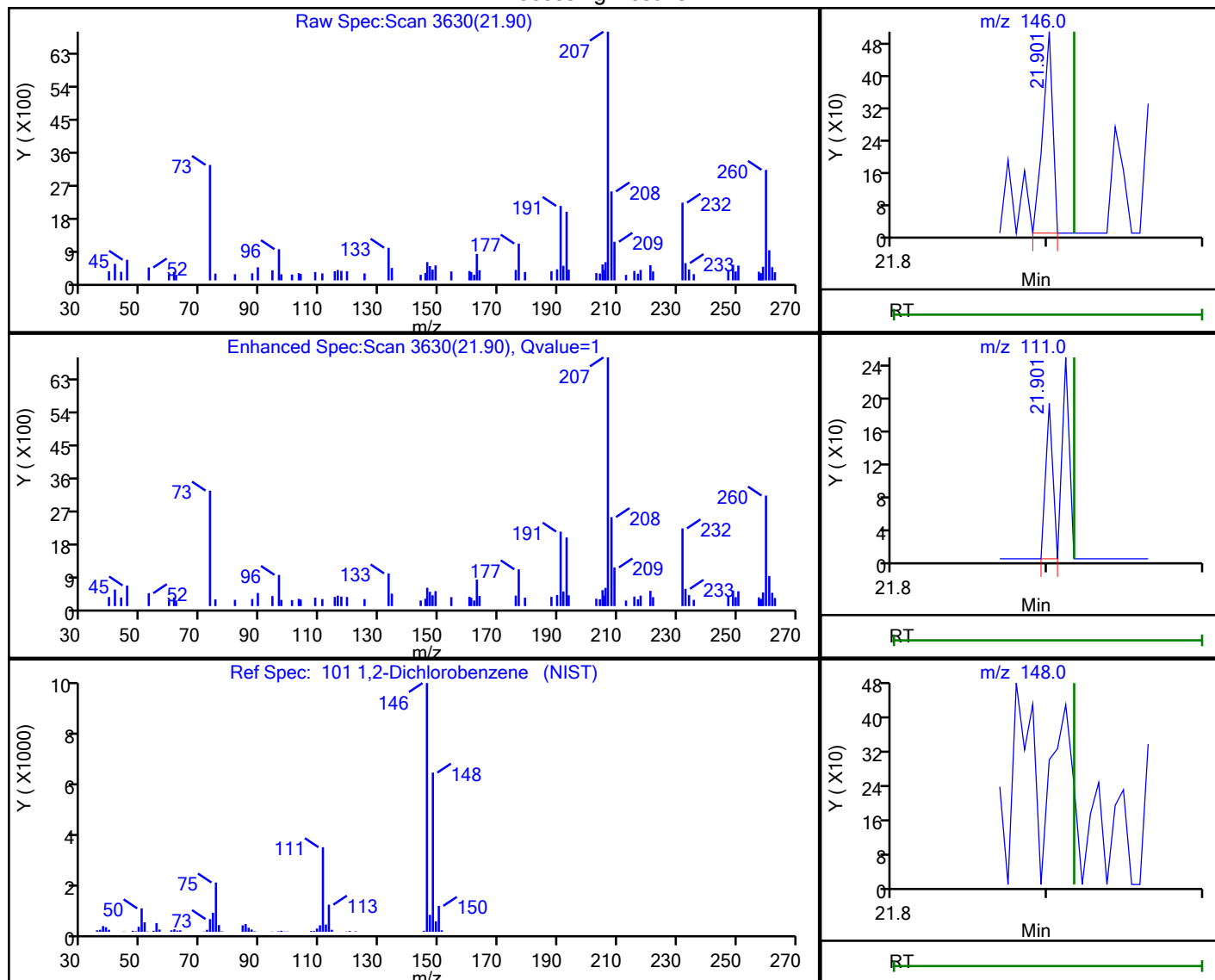
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

101 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
21.90	146.00	224	0.011735
21.90	111.00	62	
21.92	148.00	0	

Reviewer: bunmaa, 23-Dec-2020 08:30:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201222-44178.b\200-44178-013.D

Injection Date: 22-Dec-2020 17:54:30

Instrument ID: CHG.i

Lims ID: 200-56545-A-2

Lab Sample ID: 200-56545-2

Client ID: 4780

Operator ID: ggg

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

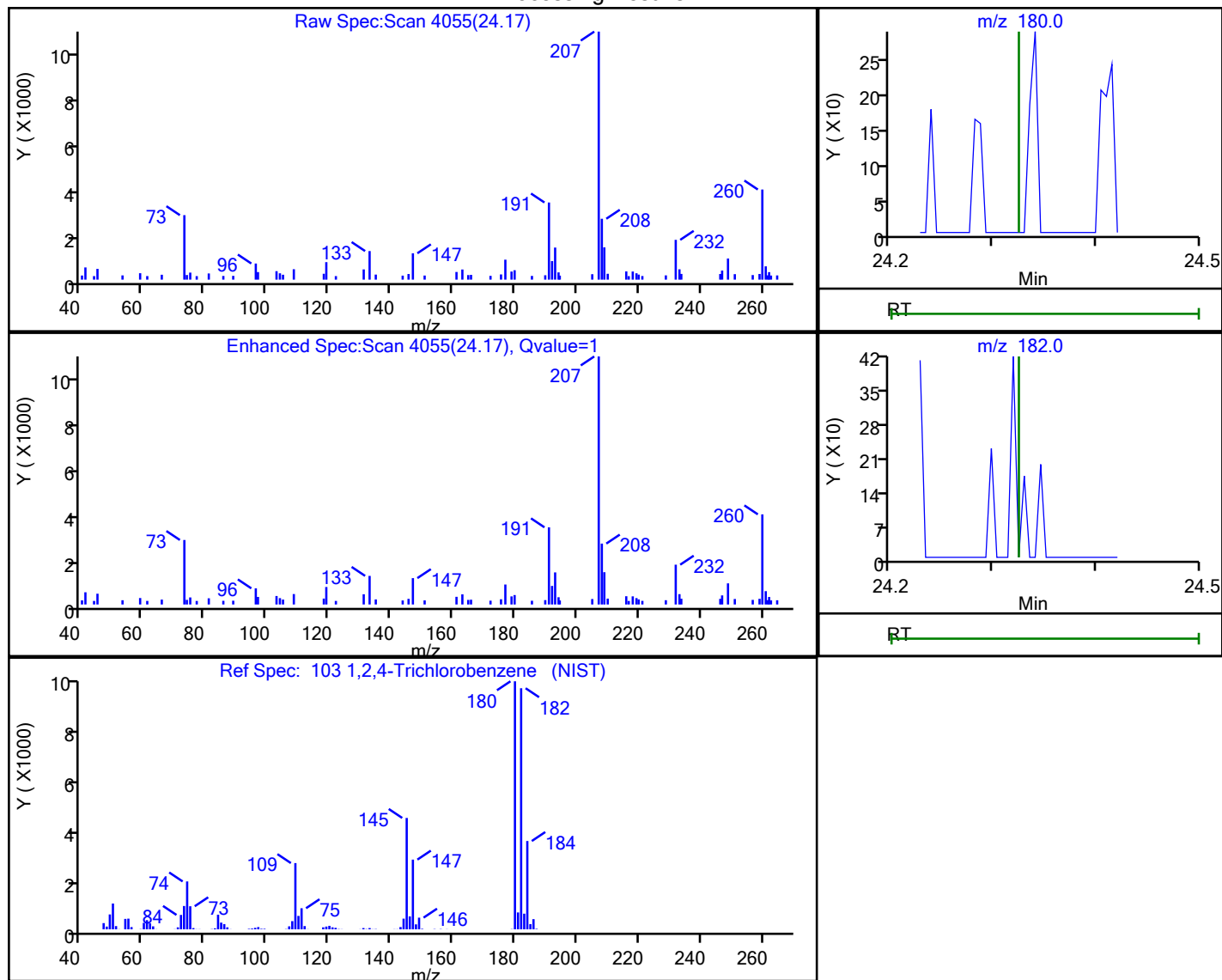
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

103 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
24.17	180.00	360	0.024980
24.32	182.00	0	

Reviewer: bunmaa, 23-Dec-2020 08:30:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Canister Cleaning & Pre-Shipment Leak Test

is in the batch.

posi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister

PM Authorization

Date:

Clean Canister Certification Analysis & Authorization of Release to Inventory

Inventory Level 1: Individual Canister Certification (TC151.001)

Inventory Level 2: Individual or Batch Certification (TO15 0 04 ppbv)

Inventory Level 3: Individual or Batch Certification (TO15 0 2 pbhv)

Inventory Level Limited: Canisters may only be used for certain projects

Dup Tees/Mac gauges (enter IDs if included):

Form ID: FAI023:12

Revision Date: 12/18/2018

TestAmerica Burlington

Air-Storage

Sampled: 12/15/2020 12:00 AM 200-1453700

[illegible]



Environment Testing
TestAmerica

Part # 159469-434 RIT2 EXP 06/21

ORIGIN ID:DKKA (716) 691-2600
SAMPLE RECEIPT
EUROFINS TESTAMERICA BUFFALO
10 HAZELWOOD DR

SHIP DATE: 20JAN21
ACTWGT: 13.25 LB
CAD: 846654/CAFE3406

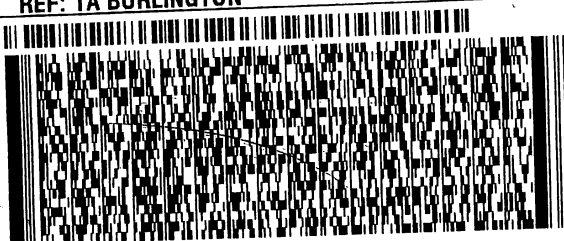
AMHERST, NY 14228
UNITED STATES US

BILL RECIPIENT

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

(802) 923-1028

REF: TA BURLINGTON



FedEx
Express



AN L0811080116101010

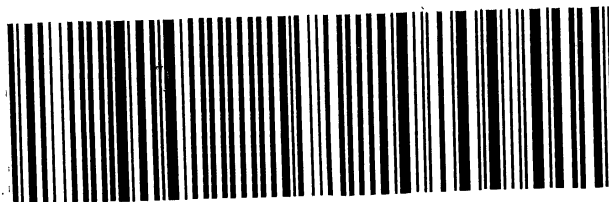
TRK# 1888 3862 8680
0201

THU - 21 JAN 10:30A
PRIORITY OVERNIGHT

XH BTVA

05403

VT-US BTV



Login Sample Receipt Checklist

Client: AECOM

Job Number: 200-56947-1

Login Number: 56947

List Source: Eurofins TestAmerica, Burlington

List Number: 1

Creator: Lavigne, Scott M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	NA: Lab does not accept radioactive samples
The cooler's custody seal, if present, is intact.	True	No: Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	No: Thermal preservation not required
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	No: 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 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.	N/A	
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.	N/A	

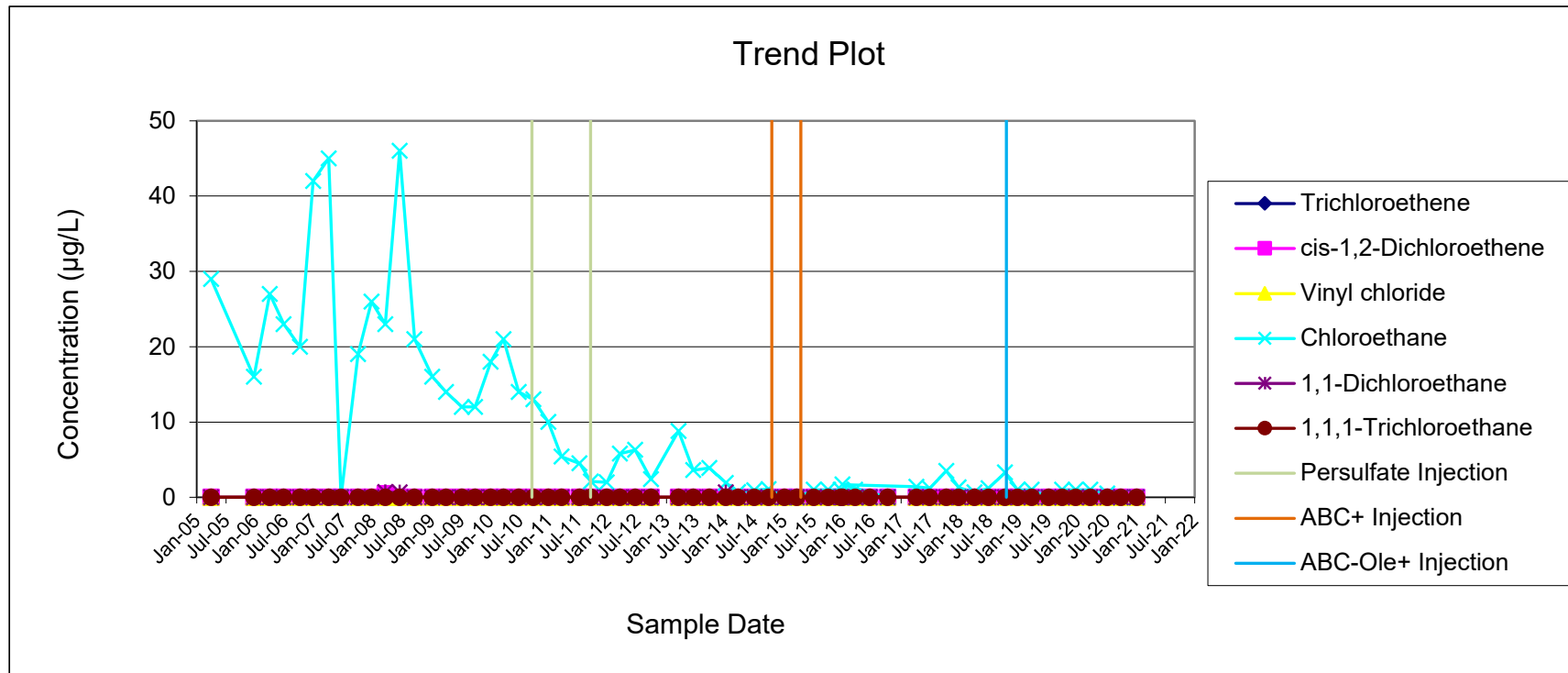
Appendix D

Current and Historical Summary of 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	trans-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
1/9/2019	<1	<1	<1	1	<1	<1
4/8/2019	<1	<1	<1	1	<1	<1
7/23/2019	<2	<2	<2	<2	<2	<2
10/15/2019	<1	<1	<1	1	<1	<1
1/7/2020	<1	<1	<1	1	<1	<1
4/6/2020	<1	<1	<1	1	<1	<1
7/21/2020	<1	<1	<1	0.52	<1	<1
10/14/2020	<2	<2	<2	<2	<2	<2
1/19/2021	<1	<1	<1	<1	<1	<1

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

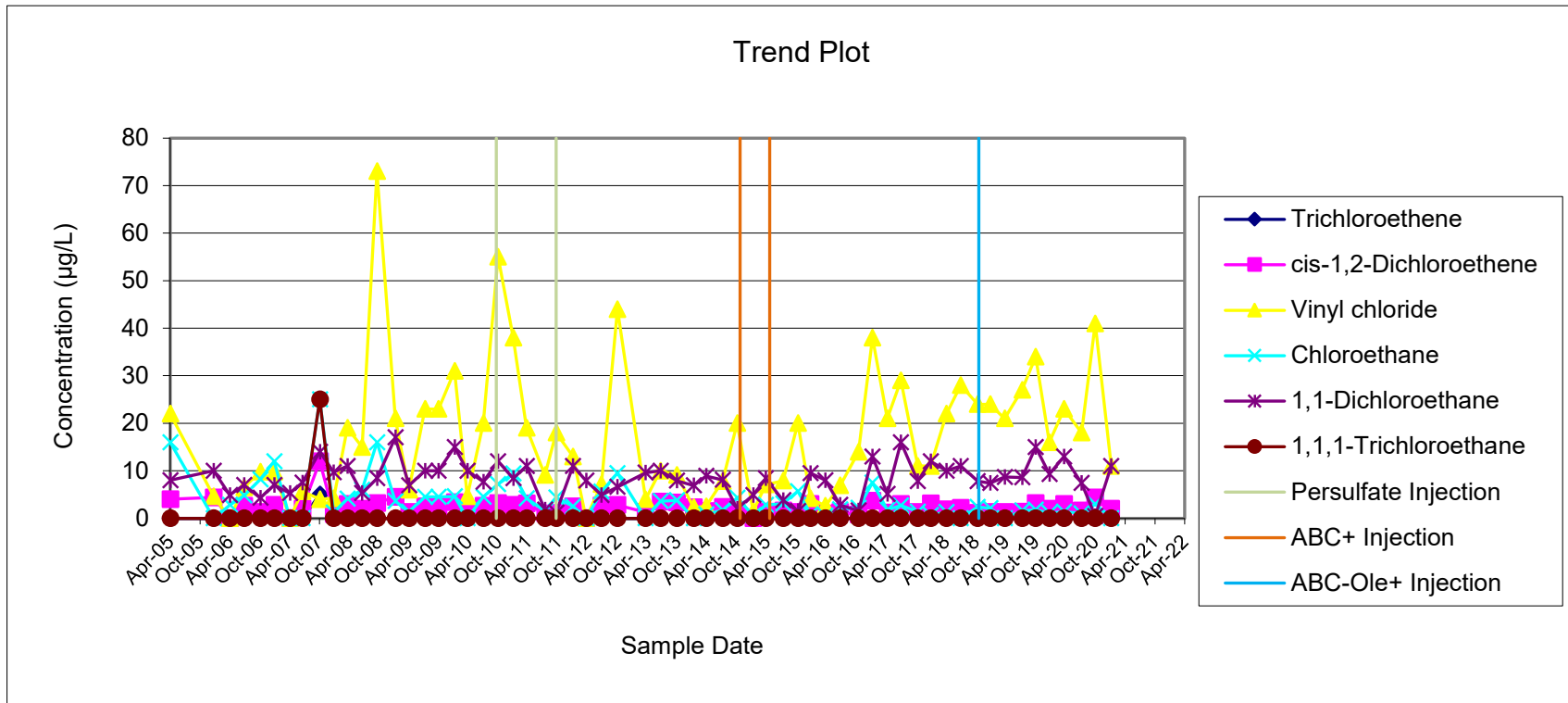


Note TCE data from 10/11/10 was reported in error as 350 µg/L and cis-1,2-DCE was reported as 25 µg/L.

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	dis-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
1/9/2019	<1	1.3	24	2.1	7.4	<1
4/8/2019	<1	1.3	21	<1	8.7	<1
7/24/2019	<1	1.4	27	1.6	8.6	<1
10/15/2019	<1	3.2	34	1.8	15	<1
1/7/2020	<1	2.0	16	1.1	9.3	<1
4/6/2020	<1	3.0	23	1.4	13	<1
7/21/2020	<1	1.6	18	1.0	7.4	<1
10/13/2020	<1	4.4	41	3.0	0.47	<1
1/19/2021	<1	2.0	11	<1	11	<1

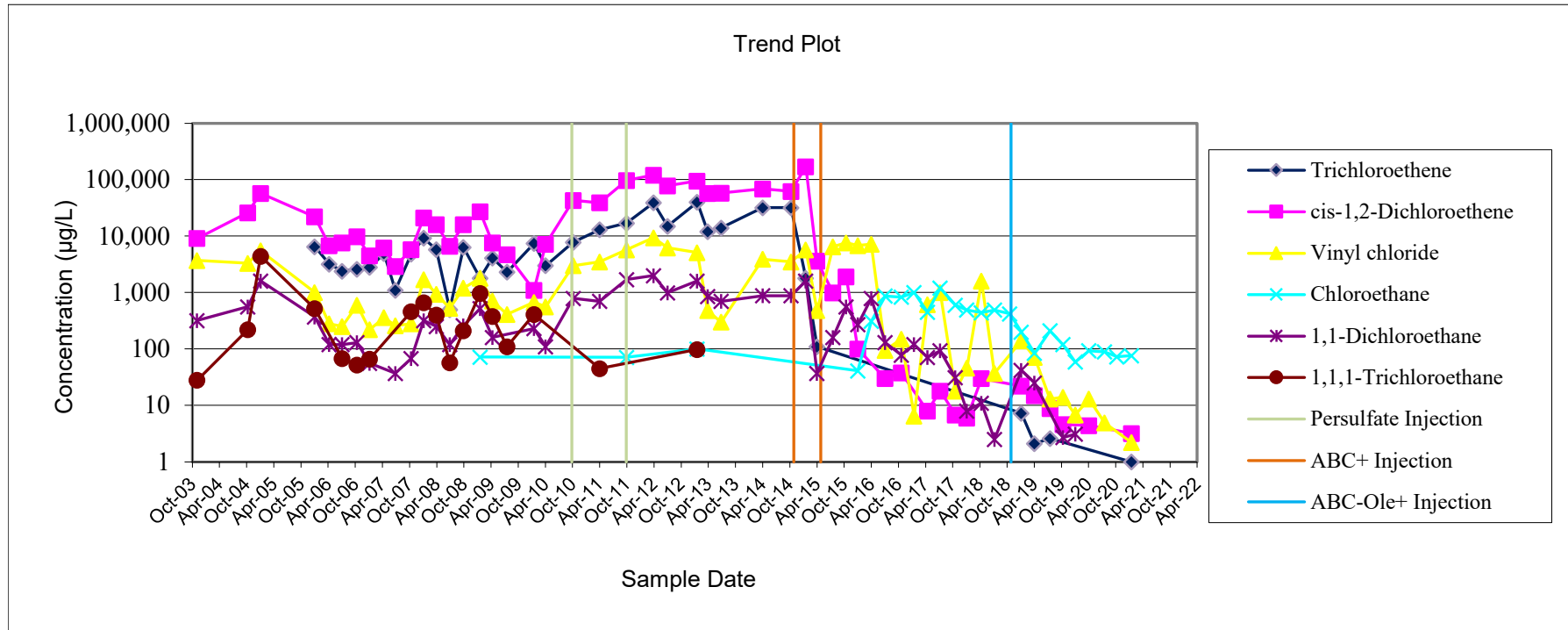
MONITORING WELL MW-3
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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	5700	<1,000	1,600	<1000
4/7/2015	110	3,600	480	<80	37	<80
7/23/2015	<100	990	6500	<100	160	<100
10/20/2015	<100	1,900	7600	<100	560	<100
1/6/2016	<100	100	6800	41	270	<100
4/6/2016	<100	<100	7200	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
1/10/2019	7.3	22	140	200	42	<4
4/8/2019	2.1	15	71	84	25	<4
7/22/2019	2.6	9	13	210	<4	<4
10/17/2019	<4	4.6	14	120	2.7	<4
1/8/2020	<4	<4	6.8	59	3.1	<4
4/8/2020	<4	4.4	13.0	93	<4	<4
7/23/2020	<4	<4	4.9	89	<4	<4
10/14/2020	<4	<4	<4	73.0	<4	<4
1/20/2021	1.0	3.2	2.2	76	<1	<1

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.

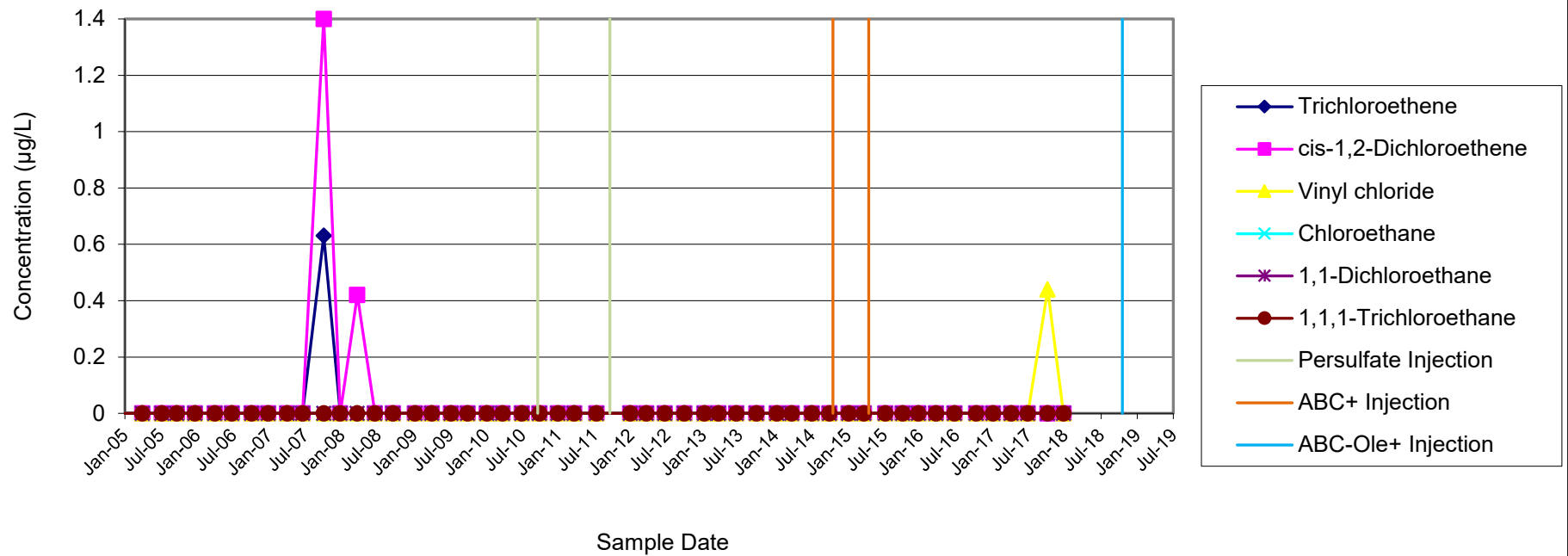
MONITORING WELL MW-6
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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

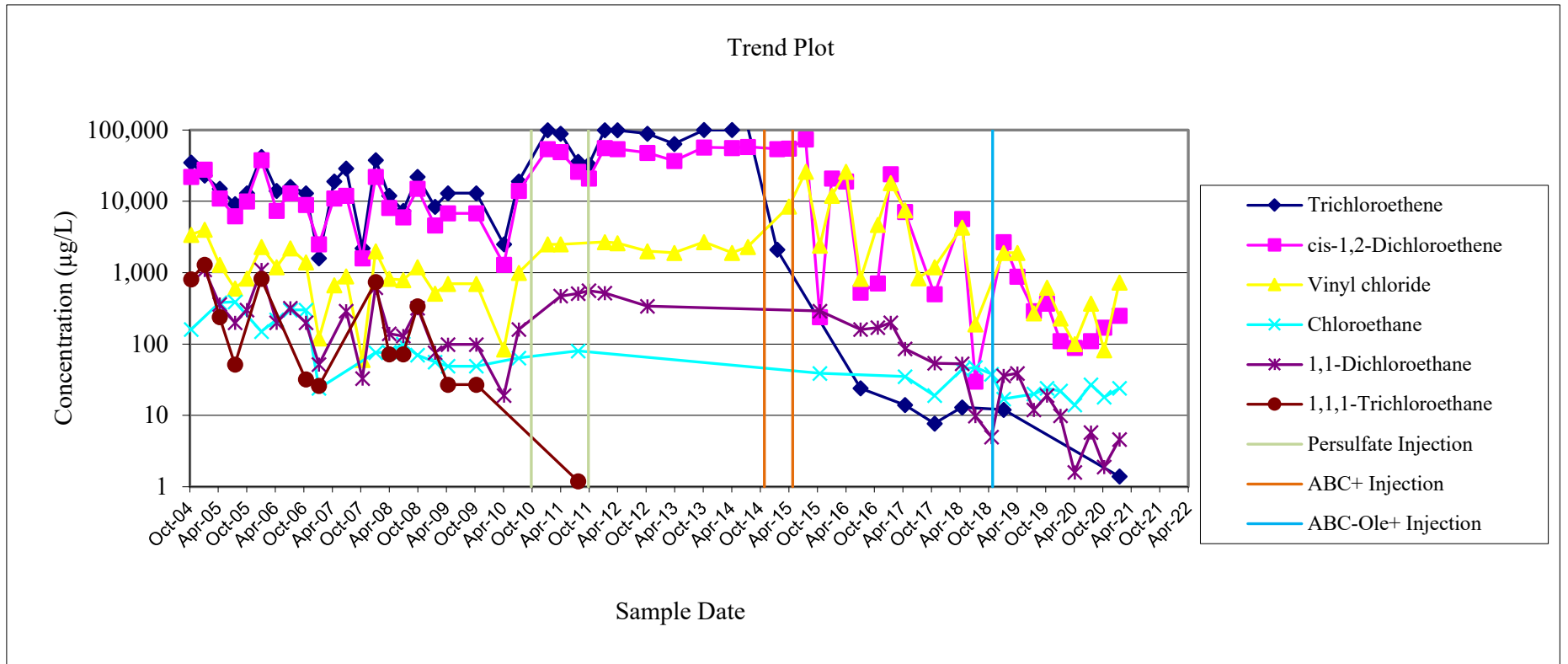


MONITORING WELL MW-8R
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/10/2019	12	2,700	1,900	17	36	<10
4/8/2019	<40	880	1,900	<40	39	<40
7/22/2019	<8	290	270	20	12	<8
10/15/2019	<10	370	620	24	19	<10
1/8/2020	<10	110	230	22	9.9	<10
4/8/2020	<2	89	100	14	1.6	<2
7/22/2020	<2	110	370	27	5.8	<2
10/14/2020	<2	170	82	18	1.9	<2
1/20/2021	1.4	250	730	24	4.6	<1

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



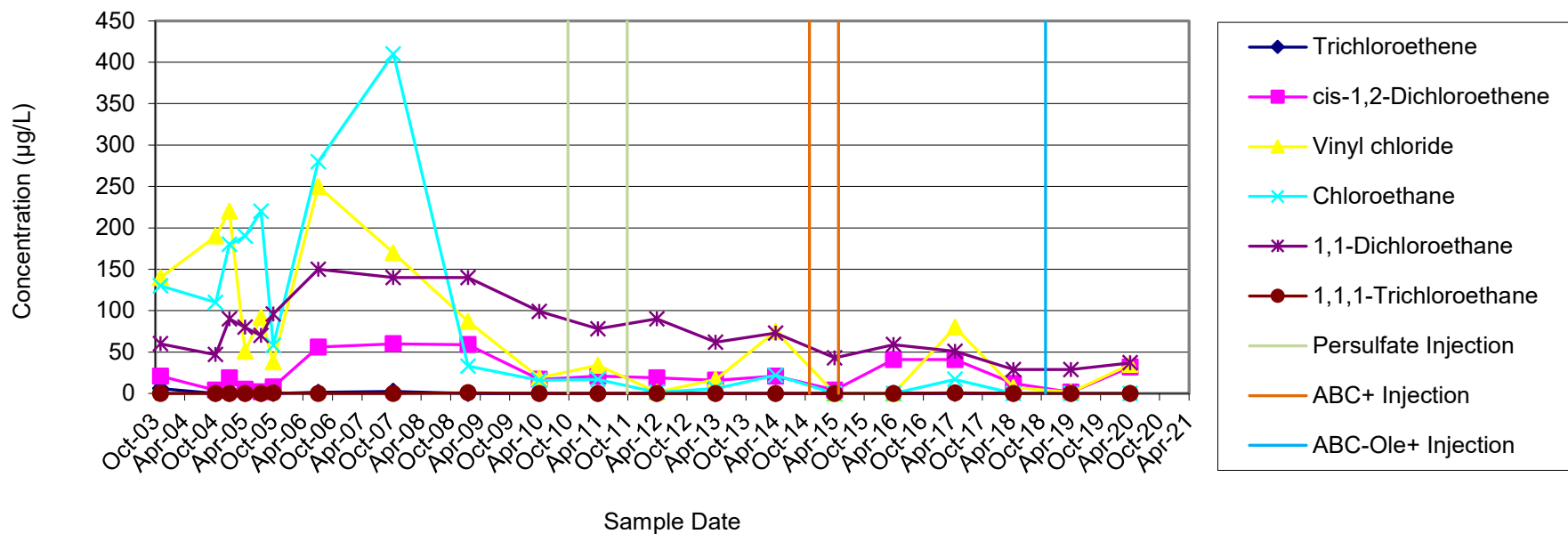
Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

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
4/8/2019	<1	1.6	1.6	<1	29	<1
4/7/2020	<1	32	35	<1	37	<1

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

Trend Plot



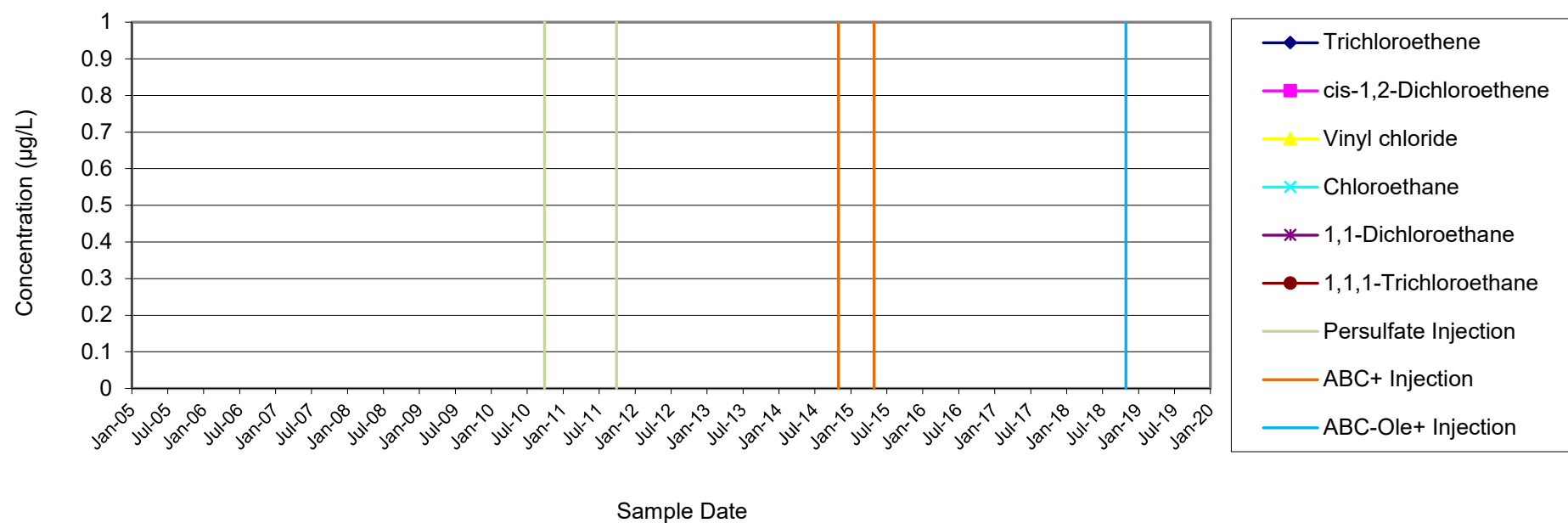
MONITORING WELL MW-10
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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

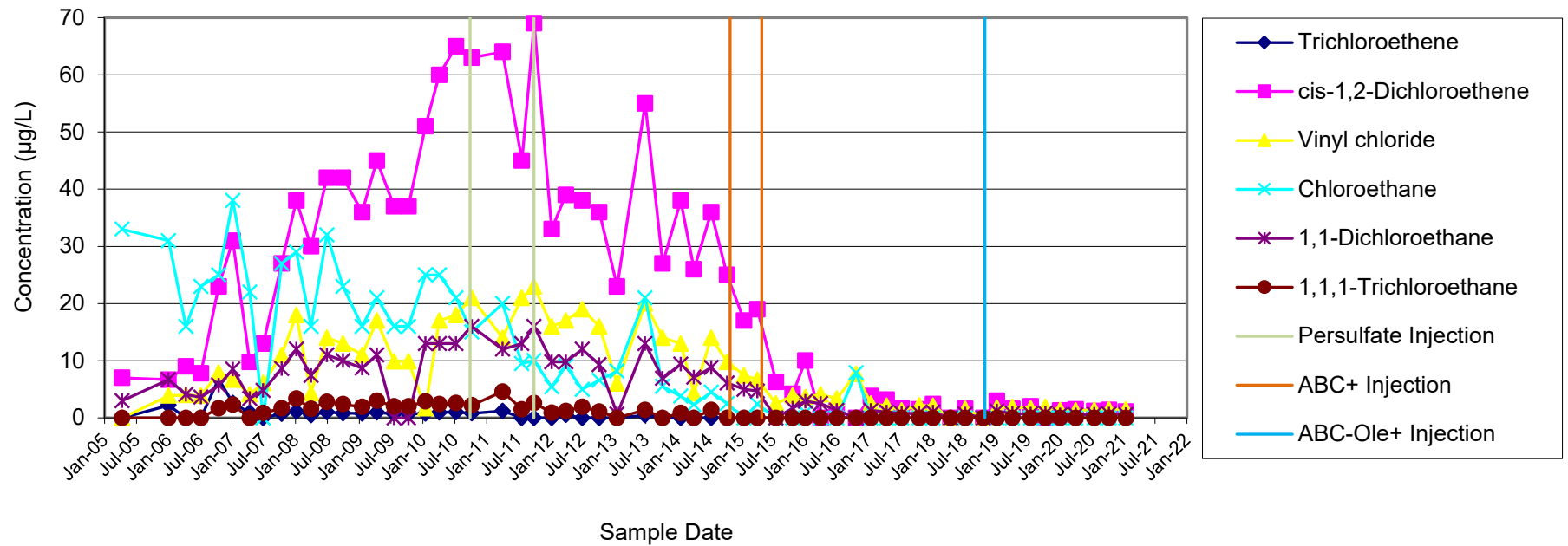


MONITORING WELL MW-11
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/9/2019	<1	3.0	1.8	<1	1.2	<1
4/8/2019	<1	1.6	1.9	<1	0.75	<1
7/23/2019	<1	2.0	1.7	<1	0.68	<1
10/15/2019	<1	<1	1.9	<1	0.82	<1
1/7/2020	<1	1.3	1.4	<1	0.54	<1
4/6/2020	<1	1.5	1.3	<1	0.54	<1
7/21/2020	<1	1.2	1.4	<1	0.59	<1
10/13/2020	<1	1.4	1.5	<1	0.64	<1
1/19/2021	<1	1.1	1.5	<1	0.58	<1

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

Trend Plot



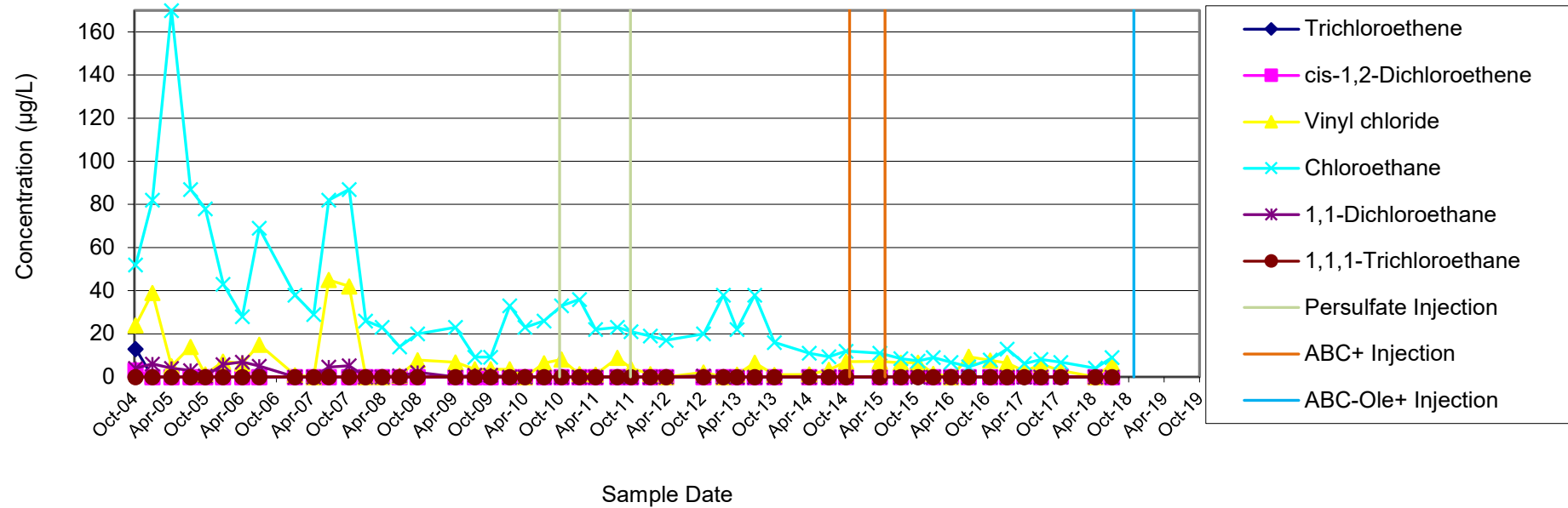
MONITORING WELL MW-12
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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	< 5
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



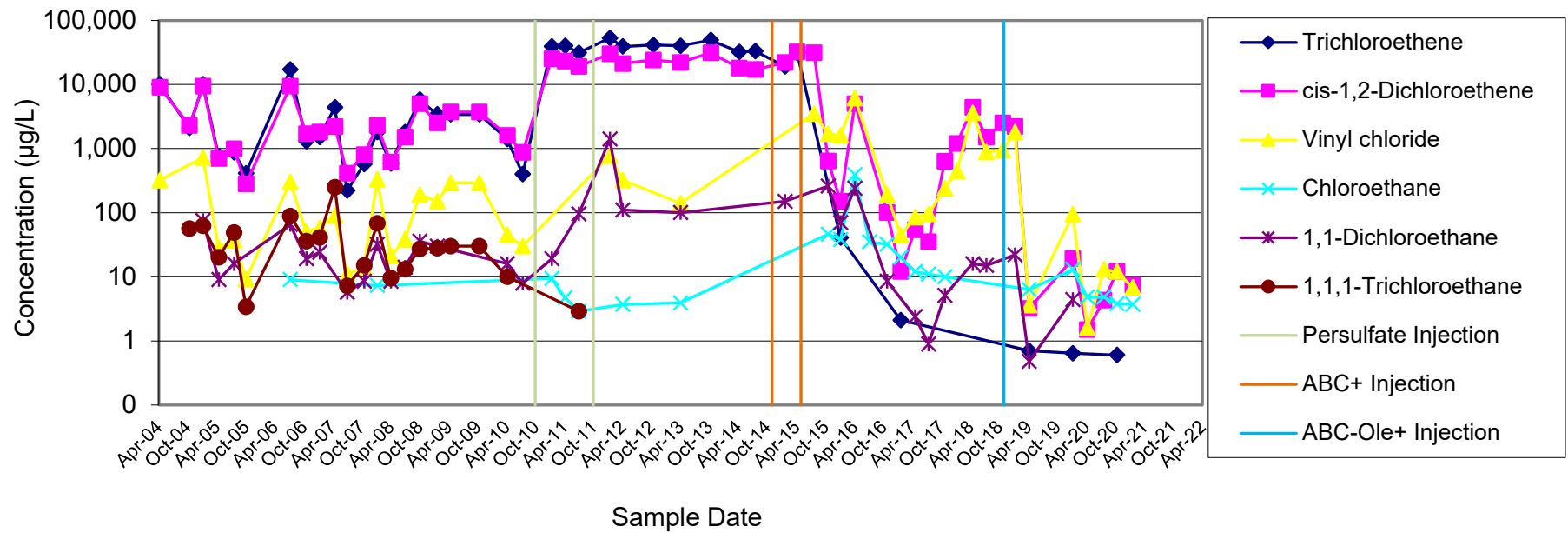
PIEZOMETER MW-13S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/9/2019	<40	2,200	1,800	<40	22	<40
4/8/2019	0.7	3.2	4	6.3	0.48	<1
1/8/2020	0.64	19	94	13	4.4	<1
4/8/2020	<1	1.5	1.6	4.8	<1	<1
7/22/2020	<1	4.3	13	4.8	<1	<1
10/13/2020	0.60	12	12	3.8	<1	<1
1/20/2021	<1	7.3	6.8	3.7	<1	<1

Note well was dry during the July 2019 and October 2019 sampling events.

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

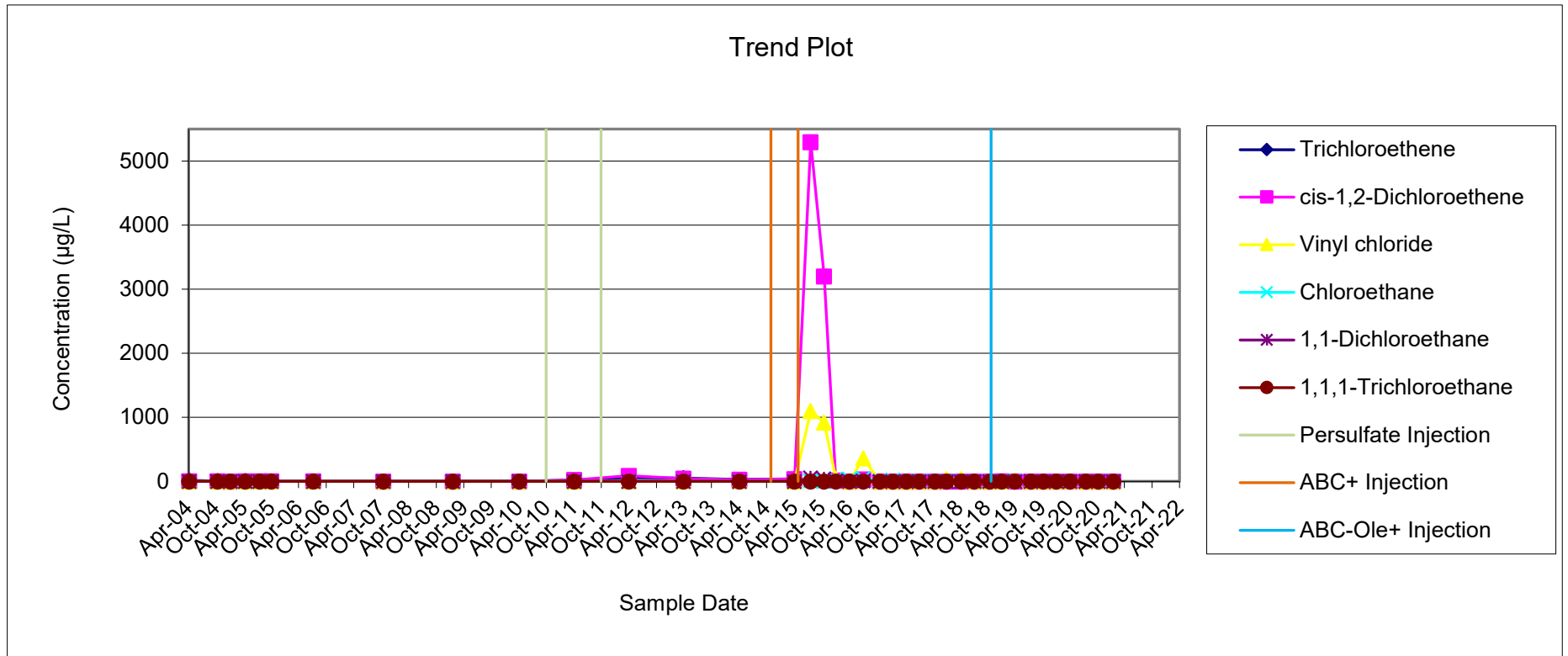
Trend Plot



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
1/10/2019	<1	1.6	1.2	7.4	<1	<1
4/8/2019	<1	<1	18	9.8	<1	<1
7/24/2019	<1	<1	<1	0.73	<1	<1
10/15/2019	<1	<1	<1	4.5	<1	<1
1/8/2020	<1	<1	<1	2.5	<1	<1
4/8/2020	<1	<1	4.0	2.9	<1	<1
7/22/2020	<1	<1	<1	2.8	<1	<1
10/13/2020	<1	<1	<1	3.5	<1	<1
1/20/2021	<1	<1	<1	2.4	<1	<1

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



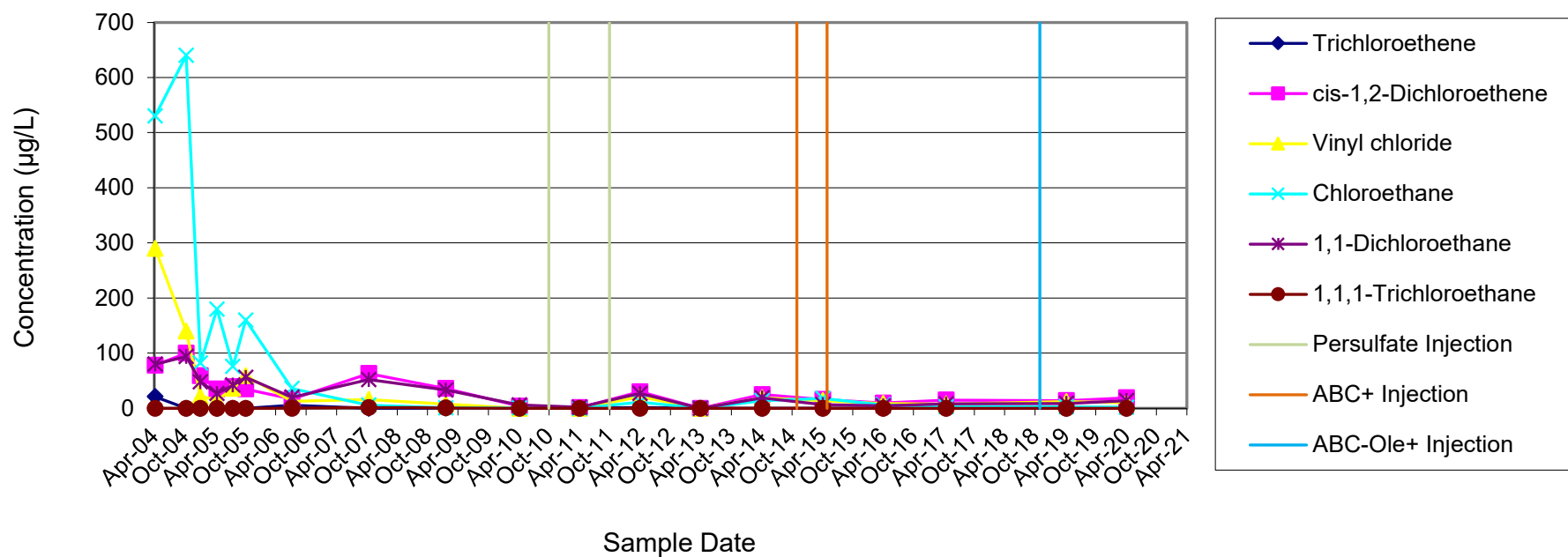
PIEZOMETER MW-14S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/10/2019	< 1	14	12	2.7	8.9	< 1
4/7/2020	< 1	19	10	1.8	14	< 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

Trend Plot



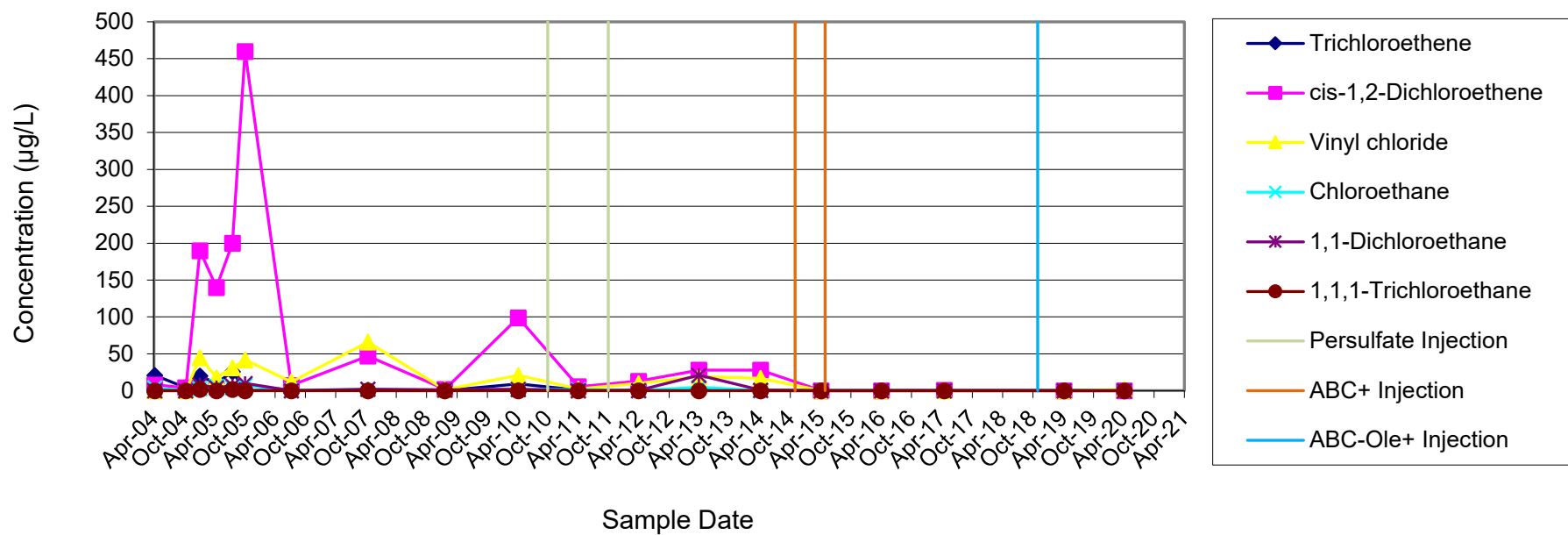
PIEZOMETER MW-14D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/10/2019	<1	<1	<1	<1	<1	<1
4/7/2020	<1	<1	1.7	<1	<1	<1

Well was flooded and not sampled in April 2018.

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

Trend Plot

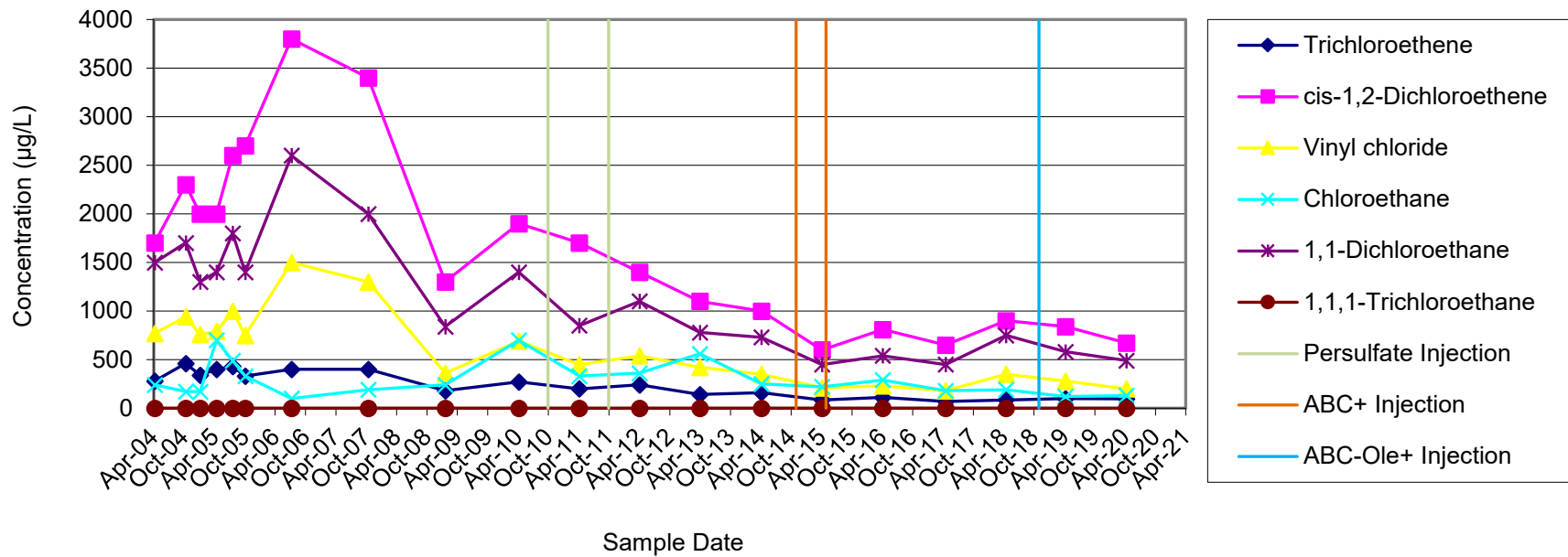


PIEZOMETER MW-15S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/10/2019	98	840	280	120	580	<20
4/10/2020	95	670	200	130	490	<20

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

Trend Plot

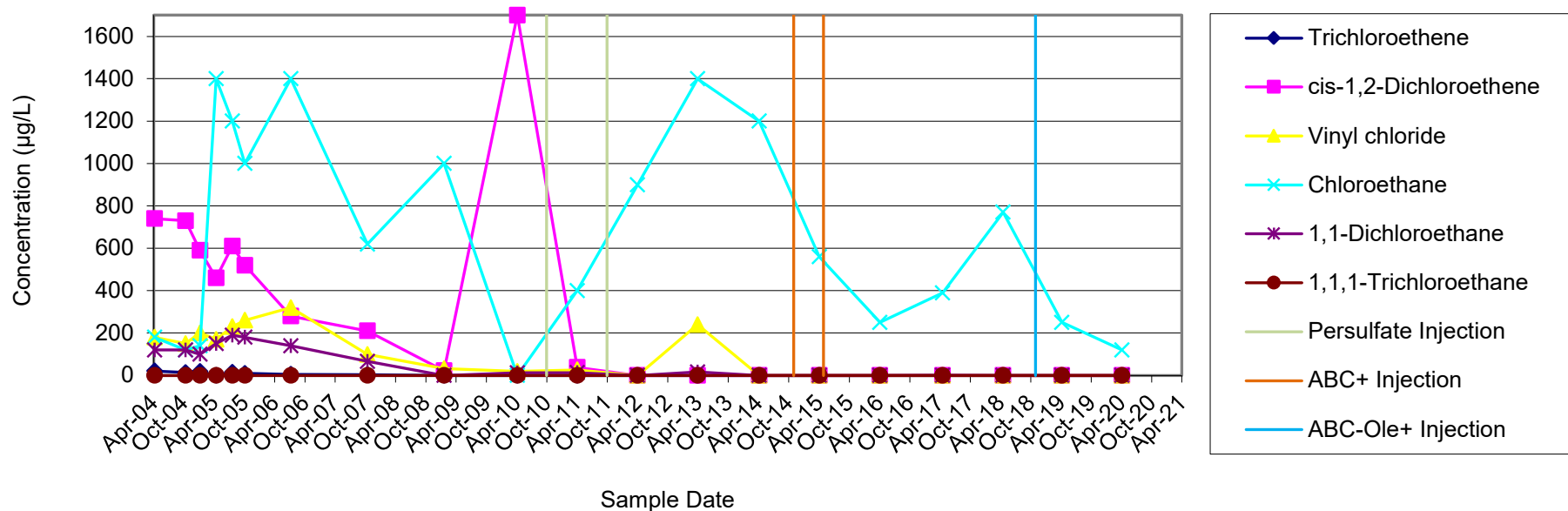


PIEZOMETER MW-15D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/10/2019	<8	<8	<8	250	<8	<8
4/6/2020	<2	<2	<2	120	<2	<2

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

Trend Plot

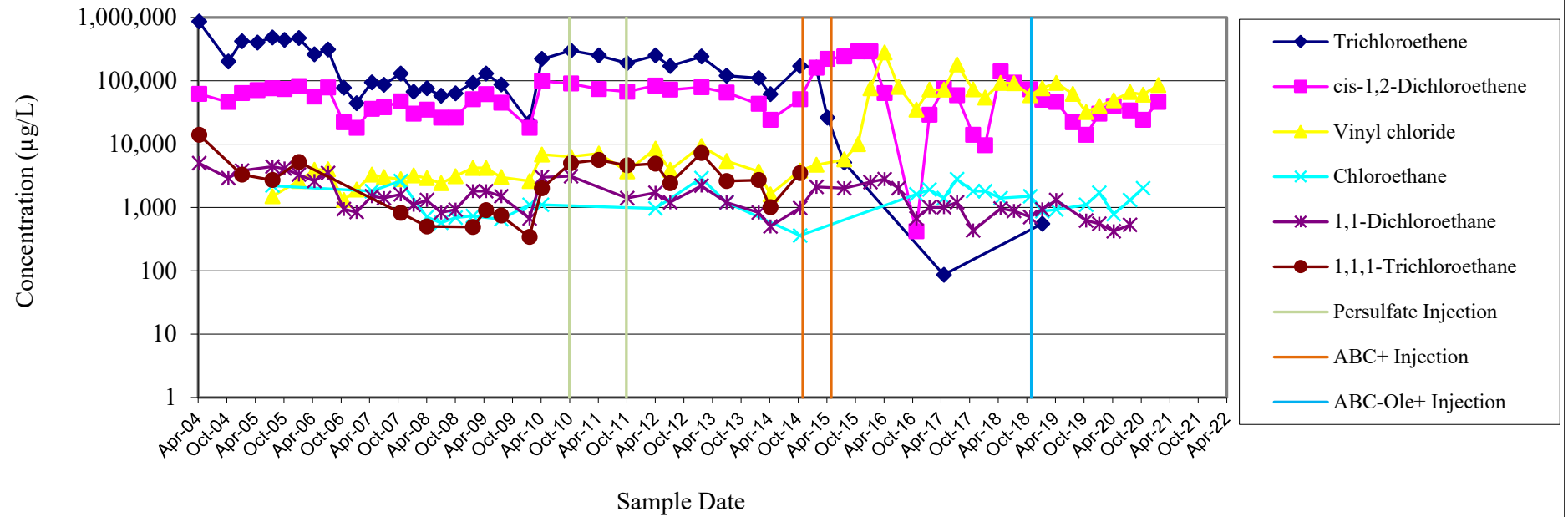


PIEZOMETER MW-16S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
1/9/2019	550	50,000	76,000	870	930	<1,000
4/9/2019	<1,000	46,000	92,000	920	1,300	<1,000
7/23/2019	<2,500	22,000	62,000	<2,500	<2,500	<2,500
10/17/2019	<1,000	14,000	32,000	1,100	620	<1,000
1/9/2020	<1,000	30,000	40,000	1,700	550	<1,000
4/10/2020	<1	40,000	49,000	780	420	<1
7/23/2020	<1	34,000	66,000	1,300	530	<1
10/14/2020	<1,000	24,000	60,000	2,000	<1,000	<1,000
1/20/2021	<1,000	46,000	85,000	<1,000	<1,000	<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
1/10/2019	1.9	37	20	150	10.0	<1
4/8/2019	<2	5.0	37	72	3.6	<2
7/22/2019	<1	2.0	6.5	39	2.1	<1
10/17/2019	<1	1.8	2.3	76	1.3	<1
1/9/2020	<1	4.0	2.5	86	1.4	<1
4/9/2020	<1	2.8	1.6	58	<1	<1
7/23/2020	<1	5.0	2.4	59	1.5	<1
10/14/2020	<1	<1	<1	31	<1	<1
1/20/2021	0.85	10	3.3	34	1.2	<1

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

Trend Plot

