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August 1, 2022

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

Subject: **Fiscal Third Quarter 2022 Groundwater Monitoring Report (04/08/22-07/08/22)**
July 2022 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 Third Quarter 2022 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 monitoring schedule was implemented based on Table 16 presented in the Periodic Review Report (PRR) (April 9, 2021, through April 8, 2022), dated June 3, 2022, and the analyses performed on the groundwater sampled during this monitoring event was included in Table 15 of the June 3, 2022 PRR. Additionally, vapor samples were collected from the air stripper and dual phase extraction (DPE) liquid ring vacuum pump sampling discharge ports as part of the July 2022 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 combined 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 combined 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 October 2022 through July 2023. 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. 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. On June 29, 2021, AECOM submitted the sixteenth PRR to NYSDEC, summarizing the combined DPE groundwater remediation system operation from April 10, 2020, through April 9, 2021. The most recent PRR (#17) was submitted on June 3, 2022 and summarized the combined DPE groundwater remediation system operation between April 9, 2021, through April 8, 2022. An IC/EC certification was included with each PRR except #15 through #17; NYSDEC informed AECOM via email that an IC/EC certification form was not auto-generated by the NYSDEC during those years; therefore, AECOM was asked to submit those PRRs using an edited version of the IC/EC certification issued for the period between April 8, 2019, through April 10, 2020.

Quarterly Groundwater Monitoring Activities – July 2022

AECOM personnel collected quarterly groundwater samples on July 7, 2022 and July 8, 2022 (the vapor samples were collected on July 7, 2022), in accordance with the procedures outlined in the NYSDEC-approved November 2003 RDWP and the NYSDEC August 2010 letter. July 2022 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 the 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 (collected at MW-11), 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 Environment Testing Northeast, LLC (EETNE) in 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 July 7, 2022. 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 figures for the July 2022 monitoring event 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 July 7, 2022, ranged from 687.26 feet above mean sea level (AMSL) at MW-15S to 673.53 feet AMSL at MW-14D. The average groundwater surface elevation across the site was 0.72 feet lower in July 2022 when compared to the prior round of groundwater elevation measurements collected in April 2022. The decrease in groundwater elevations may be attributable to seasonal variations and the remedial systems being brought back on-line on June 23, 2022; recall the remedial systems were previously taken off-line to accommodate the September 2021 bioaugmentation injection event. Based on the July 2022 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 – July 2022

Tables 3, 4 and **5** summarize VOC data for groundwater samples collected in July 2022 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 Site-specific groundwater Remedial Action Objectives (RAO) or groundwater criteria presented in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 (NYSDEC, June 1998, January 1999 errata sheet, April 2000 addendum, June 2004 addendum) protection for source of drinking water (groundwater) standards (i.e., water class GA); herein referred to as TOGS 1.1.1 groundwater standards. Note that in some cases the detection limits for certain VOCs were set above their respective RAO 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
July 2022

VOCs Detected in Groundwater	Concentration Range (micrograms per liter)	Number of Detections	RAO/TOGS 1.1.1 Exceedances
cis-1,2-Dichloroethene	1.3 – 79,000	8	3
Vinyl Chloride	1.3 – 100,000	7	4
Chloroethane	2.0 – 1,700	6	5
1,1-Dichloroethane	0.59 – 11	5	2
Toluene	2.5 – 13	2	1
Trichloroethene	2.2 – 5.5	2	1
1,1-Dichloroethene	14	1	1
trans-1,2-Dichloroethene	1.9	1	0

Eight VOCs were detected in groundwater from monitoring wells and piezometers sampled above their associated detection limits during the monitoring period. Seven of the eight VOCs detected exceeded either the Site-specific RAOs or the TOGS 1.1.1 criteria for groundwater. 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 July 2022 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-dichlorethene (cis-1,2-DCE) and vinyl chloride (VC), and of 1,1,1-trichloroethane (1,1,1-TCA) degradation products 1,1-dichlorethane (1,1-DCA) and chloroethane, provides supportive evidence that the attenuation of TCE and 1,1,1-TCA continues to occur on the site via reductive dechlorination. The occurrence of these 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+®, the injection treatment in November 2018 using ABC-Ole+® (ABC-Ole+® is a mixture of Anaerobic BioChem, zero valent iron, and emulsified fatty acids), and the September 2021 bioaugmentation injection using KB-1® Plus. For details of the various 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). A Work Plan for the September 2021 bioaugmentation injection event was submitted to the NYSDEC on September 1, 2021, and a summary of that event was submitted to the NYSDEC on December 28, 2021.

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 July 2022 is included in **Table 6** (TCE has never been reported in MW-2, MW-3, or MW-11.) 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. Most recently, a bioaugmentation injection was performed in September 2021.

Table 6 shows a summary of historical and current TCE concentrations. Based on the July 2022 groundwater data, there were two detections of TCE at MW-8R (5.5 micrograms per liter [µg/L]) and at MW-13S (2.2 µg/L). Note: there were detections of TCE in three of the eight DPE wells of 34 µg/L, 5.1 µg/L, and 1.5 µg/L at DPE-4, DPE-6, and DPE-7, respectively; 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 treatment area which also included MW-13S/D and MW-16S/D. The September 2021 bioaugmentation injections were centered on monitoring wells MW-8R and MW-16S/D, and DPE wells DPE-3, DPE-4, DPE-7, and DPE-8. Overall, decreases in TCE concentrations observed since the combined DPE groundwater remediation system was installed in May 2004, and the subsequent injections, 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 – July 2022

AECOM personnel collected vapor effluent samples from the combined groundwater remediation system vapor discharge stacks on July 7, 2022. 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 liquid ring 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 EETNE in Burlington, Vermont.

Combined DPE Remediation System Effluent Monitoring Results – July 2022

The system vapor effluent results are summarized in **Table 7**, and an electronic copy of the analytical laboratory data package is provided on the enclosed CD in **Appendix C**. Six VOCs were detected in the AS unit effluent, and 12 VOCs were detected in the DPE liquid ring vacuum pump effluent. The total VOCs discharged during the sampling event were 958 micrograms per cubic meter in the combined AS and DPE liquid ring vacuum pump unit effluents. The calculated VOC discharge-loading rate for the combined DPE remediation system was approximately 0.00049 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 June 23, 2022, AECOM and subcontractor Matrix Environmental Technologies, Inc. performed quarterly O&M on the GWCT and DPE remediation systems. DPE-3, DPE-4, DPE-7, and DPE-8 were brought back on-line following discussions with bioaugmentation subcontractor SiREM; recall the DPE wells were taken off-line in September 2021 to accommodate the bioaugmentation injection (DPE-6 remains off-line due to historic calcium hydroxide build up issues).

Based on a system operational period from April 4, 2022 (Second Quarter 2022 Buffalo Sewer Authority [BSA] compliance sampling event) to July 7, 2022 (Third Quarter 2022 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 142,200 gallons, at an average flow rate of 1.05 gallons per minute.

Summary

The GWCT and the DPE remediation system were on-line during the Third Quarter 2022 sampling event. TCE was not detected in site perimeter monitoring wells MW-2, MW-3, and MW-11. Following the November 2014, April/May 2015 and November 2018 injection treatments, and the September 2021 bioaugmentation injection event, significant reductions in TCE concentrations have been measured at MW-4, MW-8R, MW-13S, and MW-16S.

Based on the results of the July 2022 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 Third Quarter 2022 event were well below the NYSDEC discharge guidance value of 0.5 lb/hr.

The next monitoring event, the Fourth Quarter 2022 sampling event, is planned for October 2022; a list of the proposed monitoring wells and piezometers to be sampled is included in **Table 1**.

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

Yours sincerely,

Dino L. Zack, PG, STS
Project Manager
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\Enclosures

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Mr. Troy Chute, GSF Management Company, LLC (electronic copy)
Mr. Raymond DeCarlo, AVOX Systems Inc (electronic copy)
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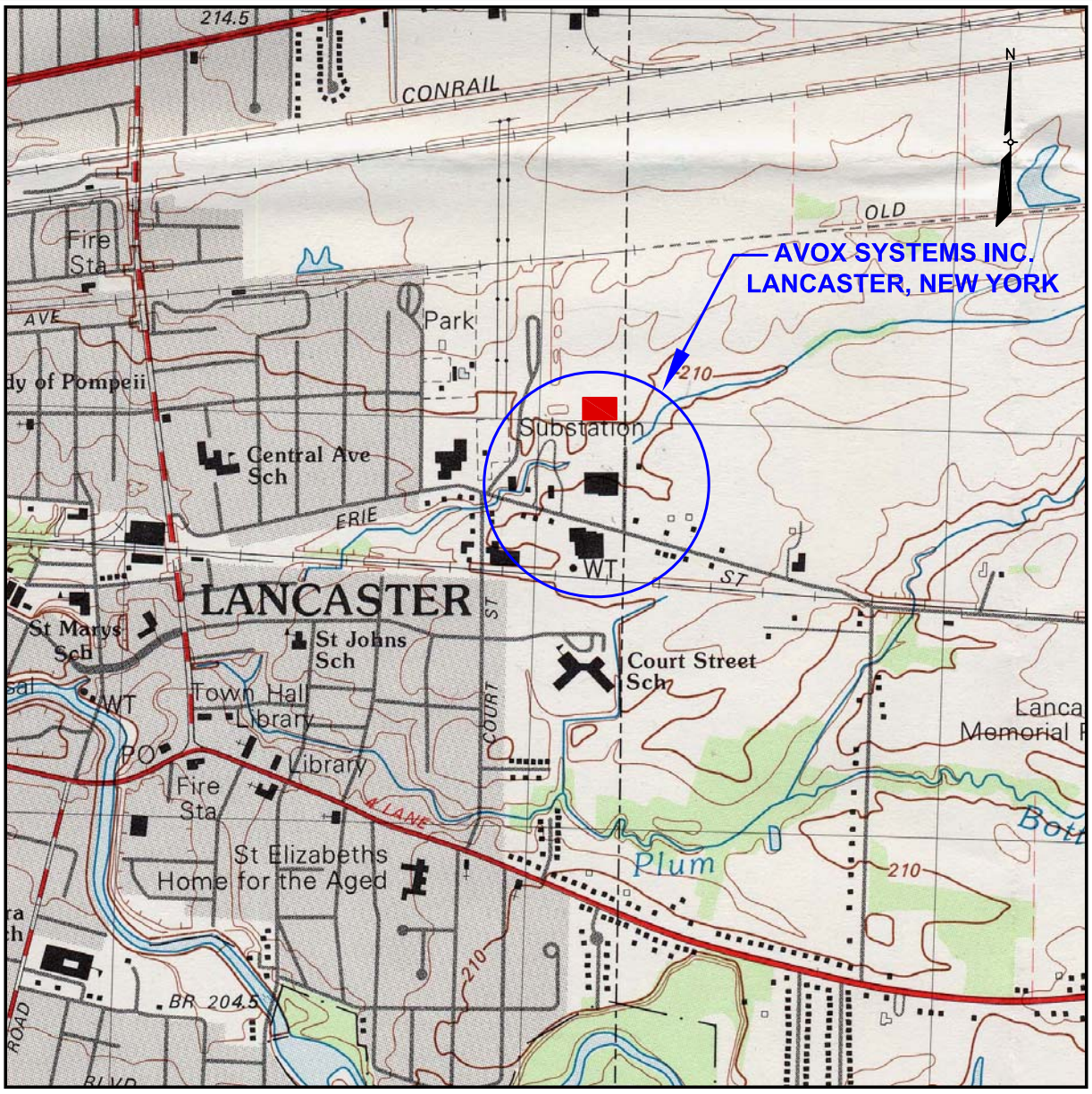
Mr. Hunter Bogdan, AVOX Systems Inc (electronic copy)
Project File 60676130

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

\\URSBuffalo.us.ie.urs\Buffalo\Projects_ENV\60676130_West_of_Plant_2\900_CAD_GIS\910_CAD\2022\60676130_000 Site Loc Map_Jan2022.dwg, 1/24/2022 5:37:14 PM, Adobe PDF

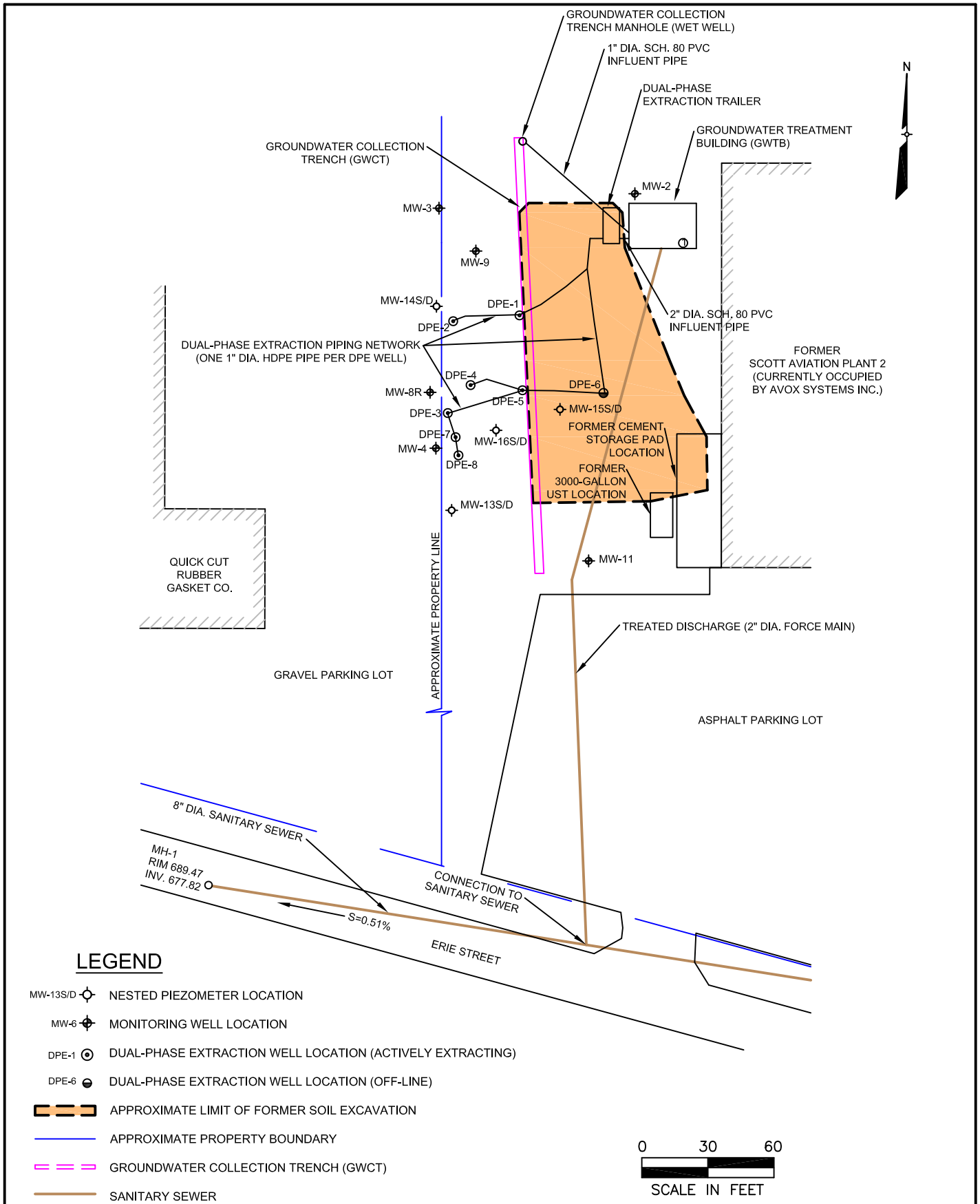


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FIGURE 2
WEST OF PLANT 2 SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

CONDENSATE RETURN LINES

VAPOR DISCHARGE TO ATMOSPHERE

OIL SEALED VACUUM BLOWER (LIQUID RING PUMP)

RECYCLE LINE

OIL FILTER RECYCLER

DUAL PHASE EXTRACTION TRAILER

PARTICULATE/LIQUID FILTER

DPE SYSTEM CONTROL PANEL

VAPOR / LIQUID PHASE SEPARATOR

H H
H L
L L

DPE-6 DPE-7 DPE-8

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

AUTO TRANSER PUMP

HOLD TANK

BAG FILTER #1

BAG FILTER #2

AUTO TRANSER PUMP

LEGEND

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

AIR BLEED VALVE

DROP TUBE

DPE RECOVERY WELL (TYP)

SUBMURSIBLE PUMP

GROUNDWATER COLLECTION TRENCH (GWCT) WET WELL

VAPOR DISCHARGE TO ATMOSPHERE

VACUUM BLOWER

AIR STRIPPER SYSTEM CONTROL PANEL

AIR STRIPPER

AUTO TRANSER PUMP

FLOOR SUMP

GROUNDWATER TREATMENT BUILDING (GWTB)

HEAT EXCHANGER (OFF-LINE)

CONDENSATE RETURN LINES

TREATED WATER DISCHARGE TO SANITARY SEWER

FRESH AIR INTAKE

AECOM

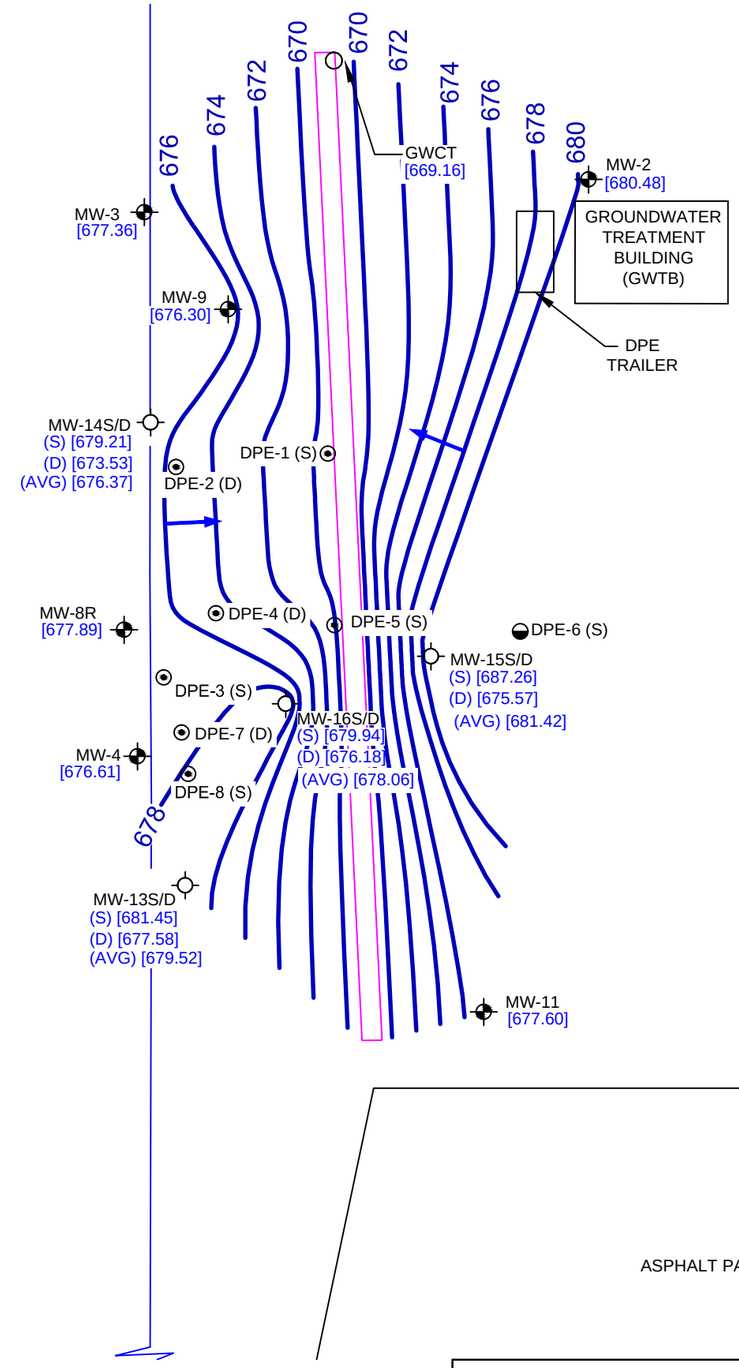
FIGURE 3
PROCESS AND INSTRUMENTATION DIAGRAM FOR COMBINED DUAL PHASE EXTRACTION REMEDIATION SYSTEM

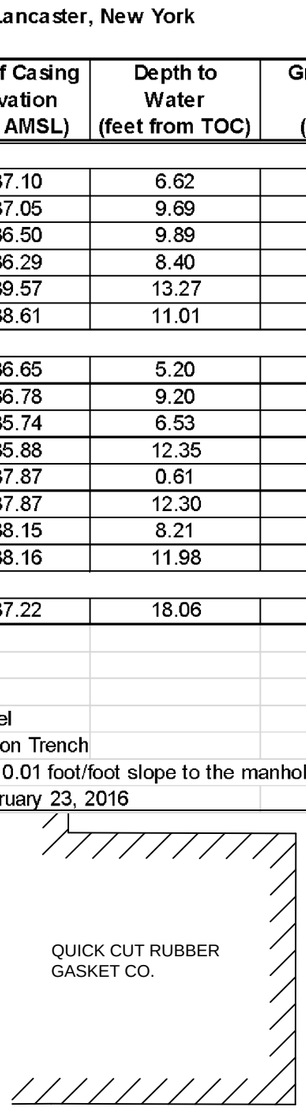
FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

Groundwater Monitoring Water Level Data - July 7, 2022
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

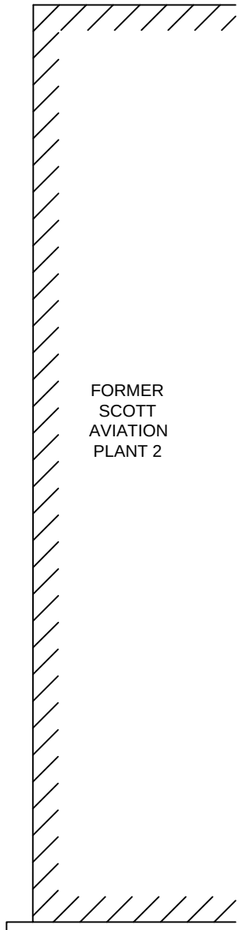
Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.10	6.62	680.48
MW-3	687.05	9.69	677.36
MW-4	686.50	9.89	676.61
MW-8R	686.29	8.40	677.89
MW-9	689.57	13.27	676.30
MW-11	688.61	11.01	677.60
Nested Piezometers			
MW-13S	686.65	5.20	681.45
MW-13D	686.78	9.20	677.58
MW-14S	685.74	6.53	679.21
MW-14D	685.88	12.35	673.53
MW-15S	687.87	0.61	687.26
MW-15D	687.87	12.30	675.57
MW-16S	688.15	8.21	679.94
MW-16D	688.16	11.98	676.18
Remedial System			
GWCT Manhole (rim)	687.22	18.06	669.16

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 manhole
Locations re-surveyed on February 23, 2016





GRAVEL PARKING LOT



ASPHALT PARKING LOT

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MW-13S/D	NESTED PIEZOMETER LOCATION
MW-9	MONITORING WELL LOCATION
DPE-1	DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
DPE-6	DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
[669.16]	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 JULY 7, 2022.

0 15 30 60
SCALE IN FEET

AECOM

FIGURE 4
AVERAGE GROUNDWATER ELEVATIONS
JULY 7, 2022

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

Groundwater Monitoring Water Level Data - July 7, 2022
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.10	6.62	680.48
MW-3	687.05	9.69	677.36
MW-4	686.50	9.89	676.61
MW-8R	686.29	8.40	677.89
MW-9	689.57	13.27	676.30
MW-11	688.61	11.01	677.60
Nested Piezometers			
MW-13S	686.65	5.20	681.45
MW-13D	686.78	9.20	677.58
MW-14S	685.74	6.53	679.21
MW-14D	685.88	12.35	673.53
MW-15S	687.87	0.61	687.26
MW-15D	687.87	12.30	675.57
MW-16S	688.15	8.21	679.94
MW-16D	688.16	11.98	676.18
Remedial System			
GWCT Manhole (rim)	687.22	18.06	669.16

Notes:

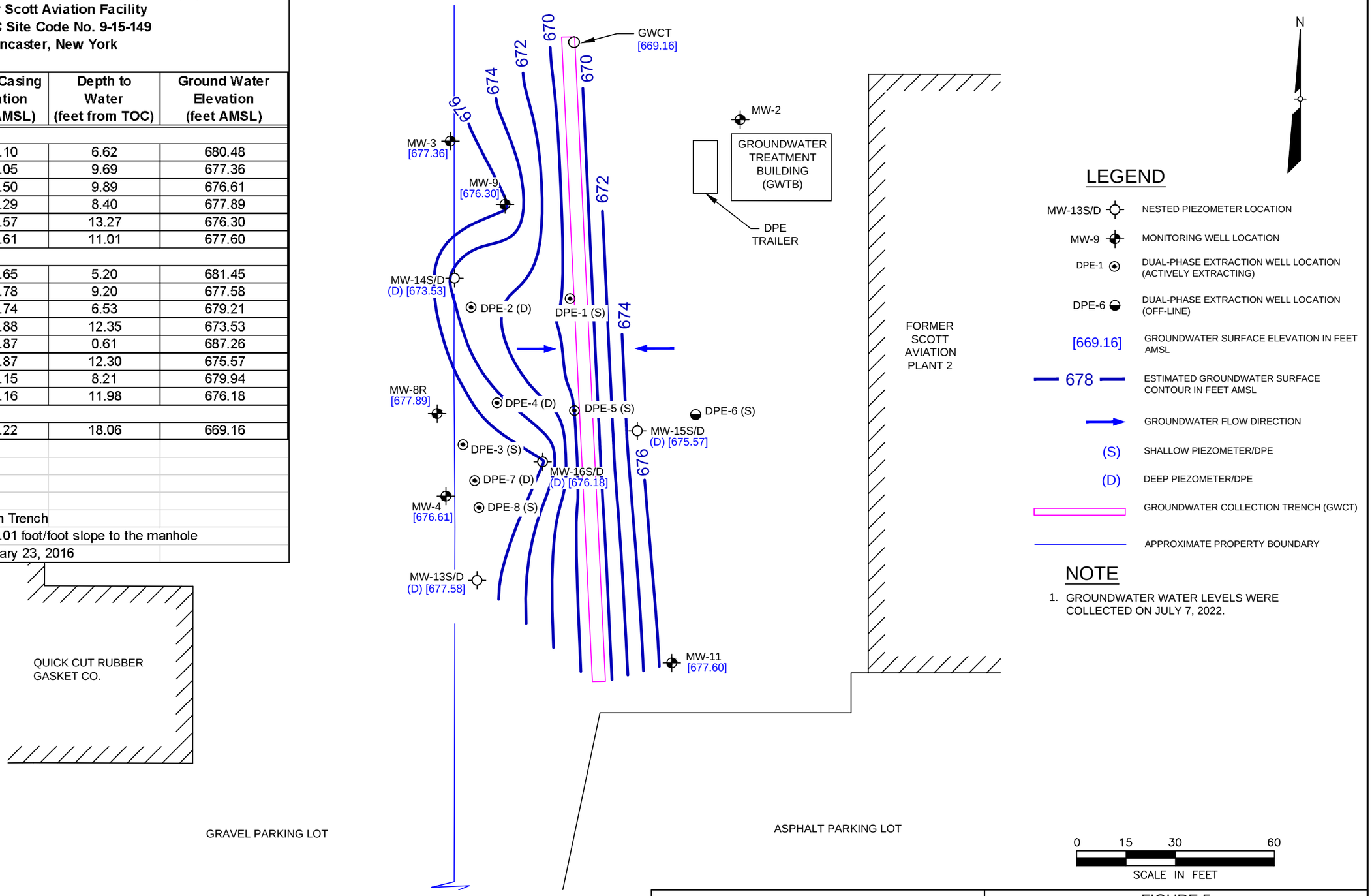
TOC - Top of Casing

AMSL - Above Mean Sea Level

GWCT - Groundwater Collection Trench

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

Locations re-surveyed on February 23, 2016



NOTE

1. GROUNDWATER WATER LEVELS WERE COLLECTED ON JULY 7, 2022.

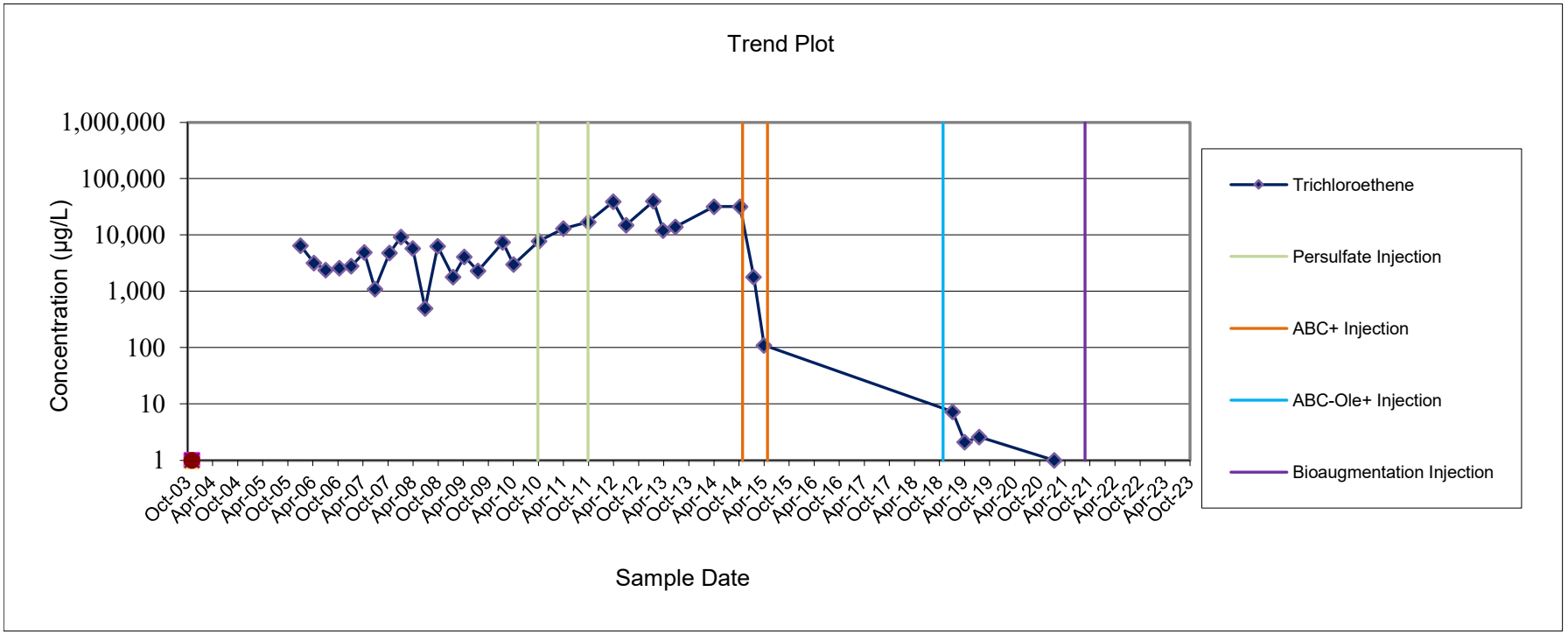
AECOM

FIGURE 5
DEEP GROUNDWATER ELEVATIONS
JULY 2022

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

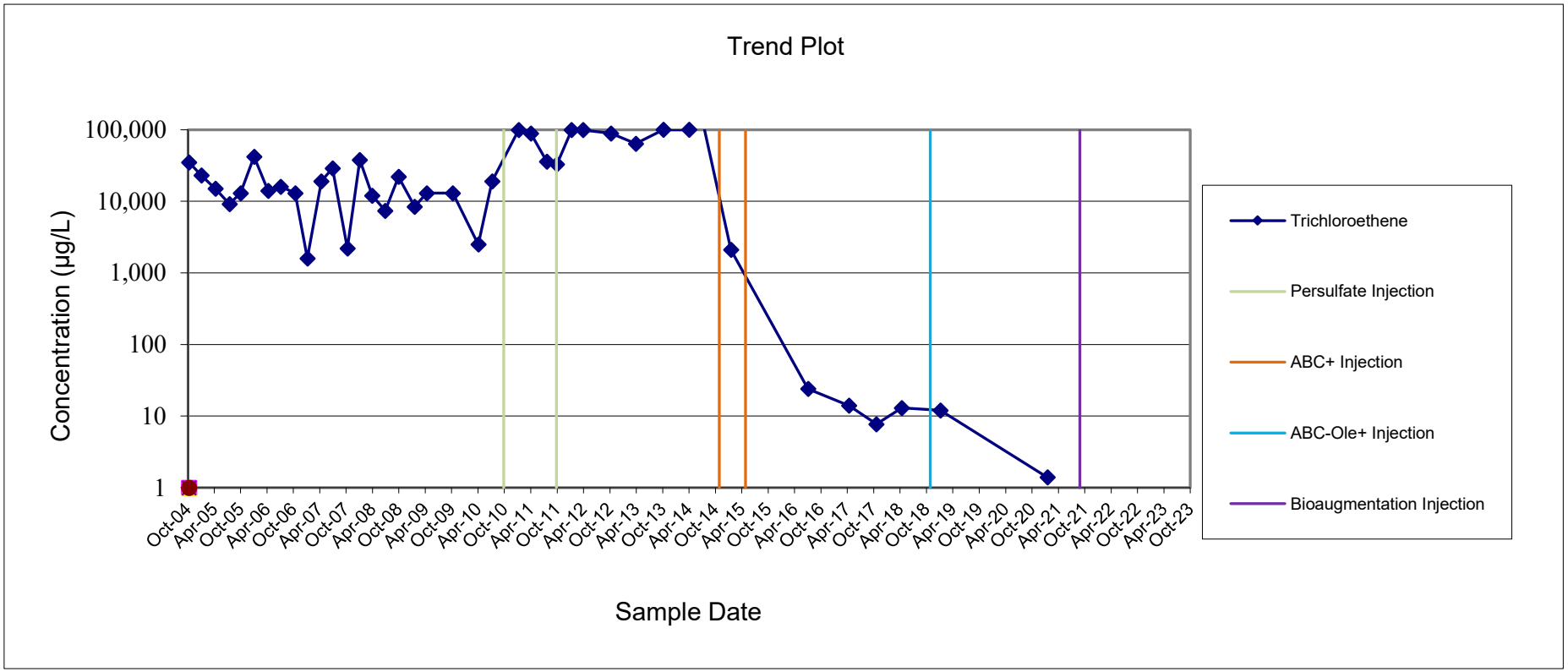
Z:\Buffalo-USBUF1\DCS\Projects_ENV\60676130_West_of_Plant_2\900_CAD_GIS\910_CAD\2022\60676130_006 GW Surf Cont Deep_Jul2022.dwg, 7/13/2022 2:12:27 PM, Splawnm

FIGURE 6
MONITORING WELL MW-4
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



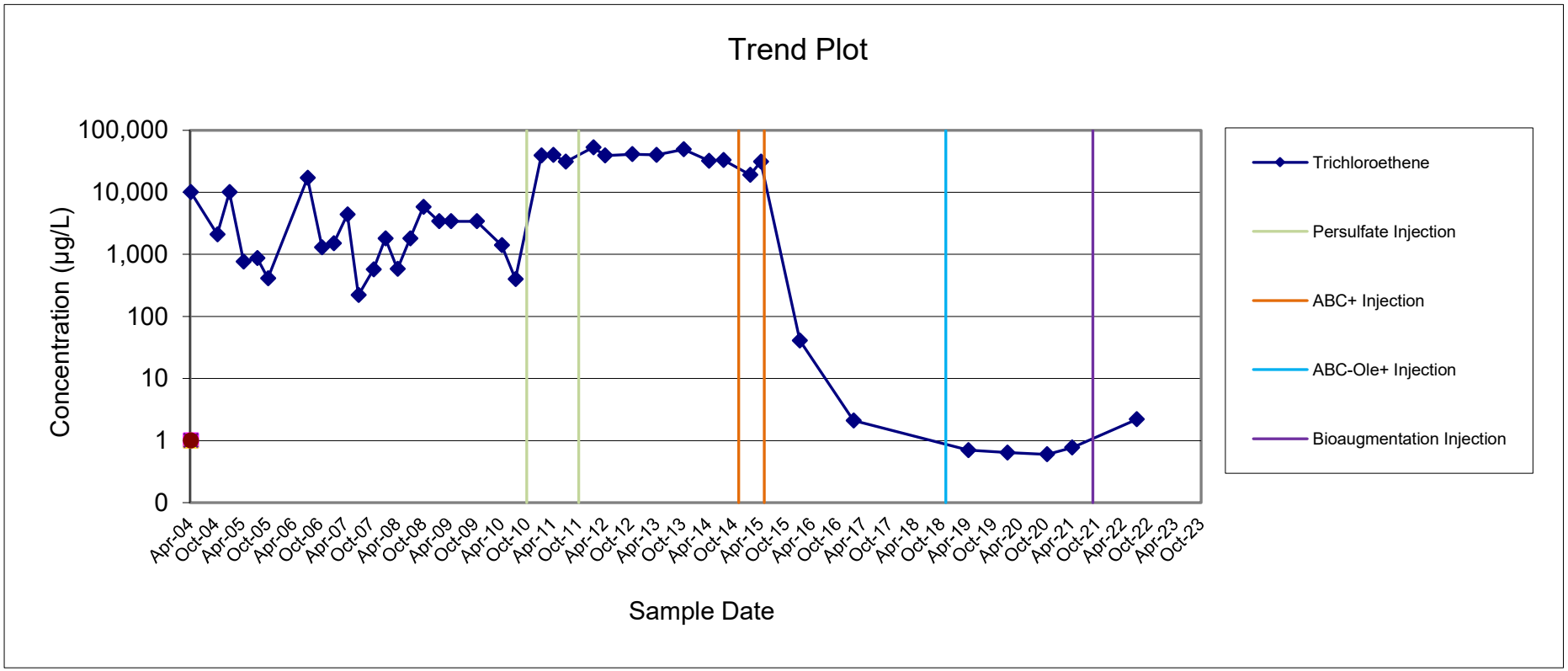
Note: TCE has not been detected since January 20, 2021.

FIGURE 7
MONITORING WELL MW-8R
HISTORICAL AND CURRENT SUMMARY OF TRICHLOROETHENE IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



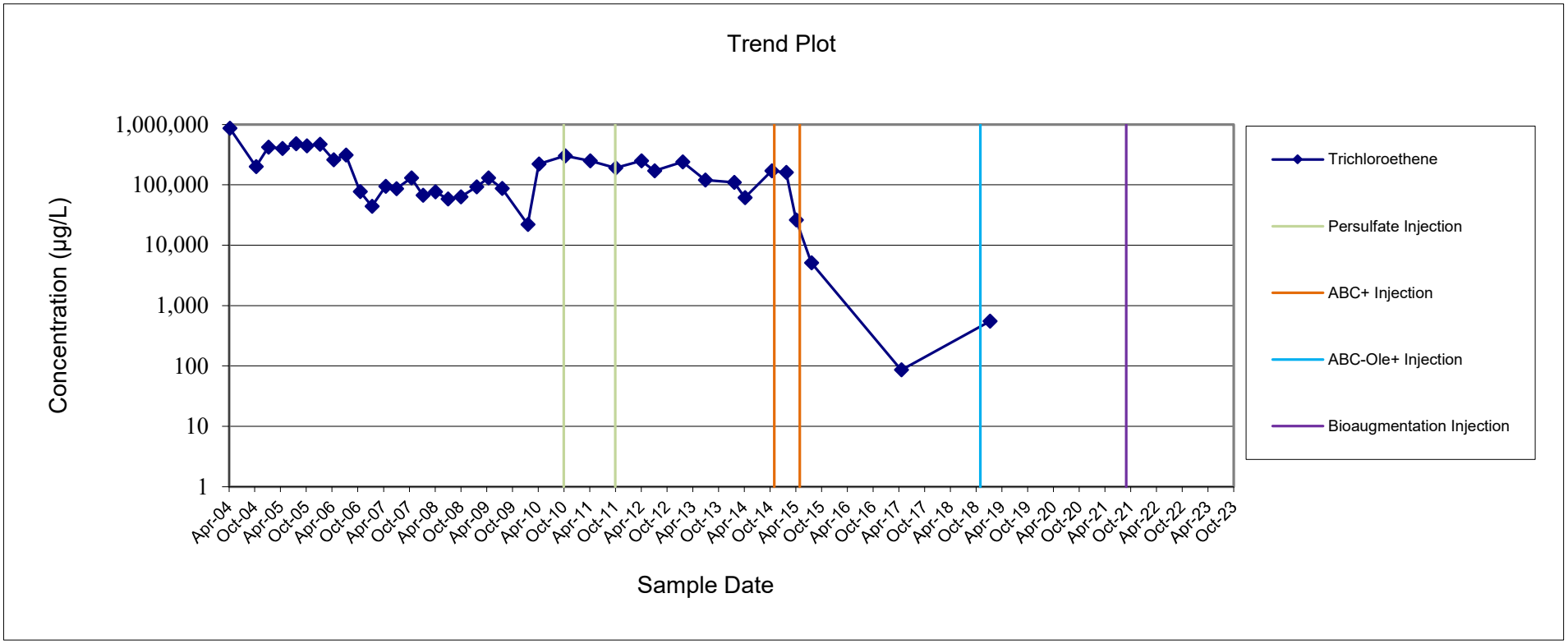
Note: TCE has not been detected since January 20, 2021.

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



Note: TCE was detected July 7, 2022 at 2.2 µg/L.

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



Note: TCE has not been detected since January 9, 2019.

Tables

Table 1

Proposed Groundwater Monitoring Schedule - October 2022 through July 2023
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			
Quarterly Groundwater Monitoring					
October 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		
January 2023	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		
Comprehensive Annual Groundwater Monitoring					
April 2023	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 2023	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		

Notes:
MW-## - Monitoring Well
MW-##S - Shallow Piezometer
MW-##D - Deep Piezometer
DPE-## - Dual Phase Extraction Well
GWCT - Groundwater Collection Trench
* - Locations to be included for MNA sampling
^ - Locations to be included for VFA and Gen Trac sampling

Table 2

Groundwater Monitoring Water Level Data - July 7, 2022
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	687.10	6.62	680.48
MW-3	687.05	9.69	677.36
MW-4	686.50	9.89	676.61
MW-8R	686.29	8.40	677.89
MW-9	689.57	13.27	676.30
MW-11	688.61	11.01	677.60
Nested Piezometers			
MW-13S	686.65	5.20	681.45
MW-13D	686.78	9.20	677.58
MW-14S	685.74	6.53	679.21
MW-14D	685.88	12.35	673.53
MW-15S	687.87	0.61	687.26
MW-15D	687.87	12.30	675.57
MW-16S	688.15	8.21	679.94
MW-16D	688.16	11.98	676.18
Remedial System			
GWCT Manhole (rim)	687.22	18.06	669.16

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 manhole
Locations re-surveyed on February 23, 2016

Table 3

Summary of Monitoring Well Analytical Data - July 2022
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^
Date Collected	RAO/TOGS 1.1.1	07/07/22	07/07/22	07/08/22	07/08/22	07/07/22	07/07/22
Lab Sample ID	Objective	480-199608-10	480-199608-11	480-199631-4	480-199631-3	480-199608-11	480-199608-8
Volatile Organic Compounds by Method 8260 (µg/L)							
1,1-Dichloroethane	5*	< 2.0 U	**11**	< 4.0 U	**5.1 J**	**0.59 J**	**0.60 J**
1,1-Dichloroethene	5	< 2.0 U	< 1.0 U	< 4.0 U	**14**	< 1.0 U	< 1.0 U
Chloroethane	5*	< 2.0 U	< 1.0 U	**66**	**42**	< 1.0 U	< 1.0 U
cis-1,2-Dichloroethene	5*	< 2.0 U	**2.0**	**3.7 J**	**63**	**1.5**	**1.3**
Toluene	5*	< 2.0 U	< 1.0 U	**2.5 J**	**13**	< 1.0 U	< 1.0 U
Trichloroethene	5*	< 2.0 U	< 1.0 U	< 4.0 U	**5.5 J**	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 2.0 U	< 1.0 U	< 4.0 U	< 8.0 U	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 2.0 U	**6.7**	< 4.0 U	**6,000**	**1.3**	**1.4**
Total Volatile Organic Compounds	NL	0.0	20	72	6,143	3.4	3.3
Total Organic Carbon (mg/L)	NL	21.3	3.9	12.5	21.6	3.9	NS

Table 3

Summary of Monitoring Well Analytical Data - July 2022
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater	MW-13S	MW-13D	MW-16S	MW-16D
Date Collected	RAO/TOGS 1.1.1	07/07/22	07/07/22	07/08/22	07/08/22
Lab Sample ID	Objective	480-199608-13	480-199608-14	480-199631-1	480-199631-2
Volatile Organic Compounds by Method 8260 (µg/L)					
1,1-Dichloroethane	5*	< 1.0 U	< 1.0 U	< 2,000 U	**0.88 J**
1,1-Dichloroethene	5	< 1.0 U	< 1.0 U	< 2,000 U	< 1.0 U
Chloroethane	5*	**2.0**	**7.8**	**1,700 J**	**110**
cis-1,2-Dichloroethene	5*	**5.2**	< 1.0 U	**79,000**	**2.9**
Toluene	5*	< 1.0 U	< 1.0 U	< 2,000 U	< 1.0 U
Trichloroethene	5*	**2.2**	< 1.0 U	< 2,000 U	< 1.0 U
trans-1,2-Dichloroethene	5	**1.9**	< 1.0 U	< 2,000 U	< 1.0 U
Vinyl chloride	5*	**14**	< 1.0 U	**100,000**	**1.8**
Total Volatile Organic Compounds	NL	25.3	7.8	180,700	116
Total Organic Carbon (mg/L)	NL	5.4	3.5	195	4.9

Notes:
Bold font indicates the analyte was detected.
Bold font and bold outline indicates the screening criteria was exceeded.
^ - Duplicate collected at MW-11.
* Site-specific RAO per ROD (November 1994).
Site-specific RAO's 1,1,1-Trichloroethane, Ethylbenzene, Trichloroethene, and Xylenes were not detected above the reporting limit.
Total Organic Carbon by Method 9060A.
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-2		DPE-3		DPE-4		DPE-5		DPE-6		DPE-7		DPE-8	
Date Collected	RAO/TOGS 1.1.1	07/07/22		07/07/22		07/07/22		07/07/22		07/07/22		07/07/22		07/07/22		07/07/22	
Lab Sample ID	Objective	480-199608-15		480-199608-16		480-199608-1		480-199608-2		480-199608-3		480-199608-4		480-199608-5		480-199608-6	
Volatile Organic Compounds by Method 8260 (µg/L)																	
1,1,1-Trichloroethane	5*	8.0	U	1.0	U	20	U	4.0	U	4.0	U	1.0	U	2.0	U	40	U
1,1-Dichloroethane	5*	**17**		1.0	U	20	U	**9.0**		4.0	U	**27**		**6.2**		**190**	
1,1-Dichloroethene	5	8.0	U	1.0	U	20	U	**2.8**	**J**	4.0	U	1.0	U	2.0	U	40	U
1,2-Dichloroethane	0.6	8.0	U	1.0	U	20	U	4.0	U	4.0	U	1.0	U	2.0	U	40	U
2-Butanone (MEK)	50	**37**	**J**	10	U	200	U	40	U	40	U	10	U	20	U	1,000	U
Acetone	50	**110**		10	U	200	U	40	U	40	U	**11**		20	U	1,000	U
Carbon Disulfide	60	8.0	U	1.0	U	20	U	**1.4**	**J**	4.0	U	1.0	U	2.0	U	40	U
Chloroethane	5*	**4.6**	**J**	1.0	U	20	U	**3.3**	**J**	**26**		1.0	U	**120**		40	U
cis-1,2-Dichloroethene	5*	**23**		1.0	U	**81**		**2,000**	**F1**	4.0	U	**22**		**3.2**		**5,600**	
Toluene	5*	**4.4**	**J**	1.0	U	20	U	**8.1**		4.0	U	**2.2**		**1.3**	**J**	100	U
Trichloroethene	5*	8.0	U	1.0	U	20	U	**34**		4.0	U	**5.1**		**1.5**	**J**	100	U
Vinyl chloride	5*	8.0	U	**2.5**		**69**		**760**	**F1**	**5.5**		**8.3**		**26**		**3,500**	
Xylenes, Total	5	16	U	2.0	U	40	U	8.0	U	4.0	U	**0.69**	**J**	4.0	U	200	U
Total Volatile Organic Compounds	NL	196		2.5		150		2,819		32		76		158		9,290	
Total Organic Carbon (mg/L)	NL	196		6.6		21.8		9.0		80.3		16.7		11.8		18.3	

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).

Total Organic Carbon by Method 9060A.

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.

F1 - MS and/or MSD recovery exceeds control limits.

Table 5

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

Sample ID	Groundwater	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole
Date Collected	RAO/TOGS 1.1.1	07/24/15	10/19/15	01/05/16	04/04/16	07/05/16	10/27/16	01/16/17	04/20/17	07/11/17
Lab Sample ID	Objective	480-84562-15	480-89674-20	480-93630-15	480-84562-15	480-102662-4	480-108538-2	480-112334-8	480-116720-15	480-121042-15
Volatile Organic Compounds by Method 8260 (µg/L										
1,1-Dichloroethane	5*	**1.3**	**0.7**	< 1.0 U	**0.4** J	< 1.0 U	< 1.0 U	< 1.0 U	**0.74** J	< 1.0 U
2-Butanone (MEK)	50	**2.4** J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U	< 10 U
Acetone	50	**7.0** J	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 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	< 1.0 U	< 1.0 U
Chloroethane	5*	< 1.0 U	< 1.0 U	**62**	**44**	**70**	**34**	**45**	**26**	**65**
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	< 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	< 1.0 U
Ethylbenzene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
Toluene	5*	< 1.0 U	< 1.0 U	**0.99** J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
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	< 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	< 2.0 U
Total Volatile Organic Compounds	NA	12.8	0.7	63	44	70	34	45	27	65

Table 5

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

Sample ID	Groundwater	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole
Date Collected	RAO/TOGS 1.1.1	10/23/17	01/08/18	04/13/18	07/12/18	10/24/18	01/09/19	04/08/19	07/23/19	10/14/19
Lab Sample ID	Objective	480-126420-1	480-129995-13	480-134234-8	480-138781-4	480-144170-15	480-147748-15	480-151586-12	480-156622-7	480-160839-7
Volatile Organic Compounds by Method 8260 (µg/L)										
1,1-Dichloroethane	5*	< 1.0 U	< 1.0 U	**0.52 J**	< 1.0 U	< 1.0 U	**0.38 J**	**0.48 J**	< 1.0 U	< 1.0 U
2-Butanone (MEK)	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U
Acetone	50	< 10 U	< 10 U	**10 J**	< 10 U	< 10 U	< 10 U	< 10 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	**0.20 J**	< 1.0 U	< 1.0 U
Chloroethane	5*	**45**	**64**	**53**	**49**	**38**	**28**	**48**	**48**	**28**
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	< 1.0 U
cis-1,2-Dichloroethene	5*	< 1.0 U	**5.1**	< 1.0 U	< 1.0 U	< 1.0 U	**0.93** J	**1.20**	< 1.0 U	< 1.0 U
Ethylbenzene	5	**0.19 J**	< 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*	**0.25 J**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**0.80 J**	**0.60 J**	< 1.0 U	< 1.0 U
trans-1,2-Dichloroethene	5	**0.34 J**	< 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	**1.4**	< 1.0 U	< 1.0 U
Xylenes, Total	5*	**0.67 J**	< 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	45	69	64	49	38	30	52	48	28

Table 5

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

Sample ID	Groundwater	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole	GWCT Manhole
Date Collected	RAO/ TOGS 1.1.1	01/06/20	04/06/20	07/22/20	10/13/20	01/20/21	04/07/21	07/15/21	10/19/21	01/19/22	07/07/22
Lab Sample ID	Objective	480-165026-18	480-168383-16	480-172827-15	480-176470-13	480-180395-15	480-182978-13	480-187292-18	480-191095-10	480-194344-18	480-199608
Volatile Organic Compounds by Method 8260 (µg/L											
1,1-Dichloroethane	5*	**0.45 J**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**0.44 J**	< 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	< 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	< 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	< 1.0 U	< 1.0 U	< 1.0 U
Chloroethane	5*	**34**	**52**	**37**	**34**	**24**	**29**	**37**	**32**	**28**	**29**
Chloromethane	5	< 1.0 U	< 1.0 U	**0.42 J**	< 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	< 1.0 U	< 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	< 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	< 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	< 1.0 U	< 1.0 U
Vinyl chloride	5*	< 1.0 U	< 1.0 U	**1.2 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	< 2.0 U	< 2.0 U
Total Volatile Organic Compounds	NA	34	52	39	34	24	29	37	32	28	29

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 valu
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	Apr 2021	July 2021	Oct 2021	Jan 2022	Apr 2022	July 2022	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	<1	<2	<1	<2	<1	<2	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	<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	<4	<4	<4	<4	<1	<4	ND	ND
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	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	<10	<8	<25	<25	<8	5.5	increase	99.7%
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	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	<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	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	0.77	<2	<2	<2	<2	2.2	increase	99.9%
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	<1,000	<1,000	<1,000	<1,000	<2,000	<2,000	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.
The bioaugmentation injection of KB-1® Plus and KB-1 ® Primer in September 2021.
ND - Not Detected
NA - Not Available
NS - Not Sampled

Table 7

Summary of Vapor Monitoring Results - July 2022
Former Scott Aviation Facility - West of Plant 2
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID:	LRP Effluent 3Q22		AS Effluent 3Q22	
Sample Date:	7/7/2022		7/7/2022	
VOCs by Method TO-15 (µg/m^3)				
1,1-Dichloroethane	4.8		-	U
1,1-Dichloroethene	1.4		-	U
1,2-Dichloroethene, Total	340		4.4	
Acetone	23		17	
Carbon disulfide	-	U	3.6	
Chloroethane	29		-	U
Chloromethane	1.4		1.2	
Chloroform	3.1		-	U
Methyl Ethyl Ketone	5.3		2.4	
Toluene	3.4		-	U
Trichlorofluoromethane	1.2		1.2	
Trichloroethene	5.0		-	U
Vinyl chloride	510		-	U
Total Detected VOCs (µg/m^3)	928		30	
Vacuum (inches Hg)	21.5		0.287	
Air Flow Rate (acfm)	130.57		310.83	
VOC discharge loading (lb/hr)	0.000454		0.000035	
Total VOC discharge loading (lb/hr)	**0.00049**			

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

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

Appendix A

July 2022 Field Forms

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/7/2022
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-2
Upgradient: ____ X Downgradient
Weather Conditions: Sunny
Air Temperature: 72 ° F
Total Depth (TWD) Below Top of Casing = 16.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 7.11 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 9.29 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.5 gal
3 Casing Volumes = 4.5 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: 687.1 1/100 ft
Height of Riser (above land surface): 1.80 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 (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TOC (9060A)	2	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	250	200	200	200	200	200	200	200
Time (Military)	1120	1125	1130	1135	1140	1145	1150	1155
Depth to Groundwater Below Top of Casing (ft)	7.35	8.15	8.46	8.74	9.11	9.50	9.84	10.09
Drawdown (ft)	-0.24	-0.80	-0.31	-0.28	-0.37	-0.39	-0.34	-0.25
pH (S.U.)	6.82	6.73	6.69	6.77	6.68	6.73	6.79	6.7
Sp. Cond. (mS/cm)	1.642	1.593	1.607	1.566	1.187	1.038	1.124	1.140
Turbidity (NTUs)	8.82	8.02	11.45	12.86	12.80	13.85	12.96	11.89
Dissolved Oxygen (mg/L)	1.23	0.67	0.58	0.56	0.55	0.49	0.50	0.48
Water Temperature (°C)	23.60	17.90	19.70	18.10	18.60	18.70	19.20	18.7
ORP (mV)	-76.80	-71.40	-61.00	-73.70	-48.10	-30.40	-31.90	-33.9

Physical appearance at start: Color clear; Odor none; Sheen/Free Product no

Physical appearance at sampling: Color clear; Odor none; Sheen/Free Product no

COMMENTS/OBSERVATIONS: Started purge at 1120
.Sample time 1155

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/7/2022
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-3
Upgradient: ___ X Downgradient
Weather Conditions: Partly Sunny
Air Temperature: 77 ° F
Total Depth (TWD) Below Top of Casing = 28 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 10.05 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 17.95 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.9 gal
3 Casing Volumes = 8.8 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 2.0 gal

Casing Diameter: 2 inches
Casing Material: PVC
Measuring Point Elevation: 687.05 1/100 ft
Height of Riser (above land surface): 1.45 1/100 ft
Land Surface Elevation: 685.60 1/100 ft
Screened Interval (below land surface): 7.5 - 27.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Time (Military)	1240	1245	1250	1255	1300	1305	1310	1315
Depth to Groundwater Below Top of Casing (ft)	10.07	10.93	11.95	13.01	13.21	13.41	13.87	13.90
Drawdown (ft)	-0.02	-0.86	-1.02	-1.06	-0.20	-0.20	-0.46	-0.03
pH (S.U.)	7.15	6.91	6.93	7.10	7.09	7.04	7.07	7.08
Sp. Cond. (mS/cm)	1.168	1.089	1.080	1.079	1.072	1.070	1.065	1.061
Turbidity (NTUs)	8.42	9.69	9.12	8.99	9.13	9.43	9.18	9.42
Dissolved Oxygen (mg/L)	0.58	0.35	0.34	0.47	0.81	0.99	1.07	1.09
Water Temperature (°C)	13.8	12.9	12.8	12.9	13.3	13.2	13.5	13.8
ORP (mV)	3.4	17.9	15.9	14.7	34.7	44.0	40.2	43.2

Physical appearance at start: Color clear; Odor none
Sheen/Free Product: no

Physical appearance at sampling: Color clear; Odor none
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Started purge at 1240
Sampled at 1315

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/8/2022
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-4
Upgradient: ____ X Downgradient
Weather Conditions: Sunny
Air Temperature: 74 ° F
Total Depth (TWD) Below Top of Casing = 26 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.83 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 16.17 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.64 gal
3 Casing Volumes = 7.91 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: 2 inches
Casing Material: PVC
Measuring Point Elevation: 686.5 1/100 ft
Height of Riser (above land surface): -0.39 1/100 ft
Land Surface Elevation: 686.89 1/100 ft
Screened Interval (below land surface): 15.5 - 25.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200			
Time (Military)	1000	1005	1010	1015	1020			
Depth to Groundwater Below Top of Casing (ft)	10.32	11.36	12.35	13.46	14.68			
Drawdown (ft)	-0.49	-1.04	-0.99	-1.11	-1.22			
pH (S.U.)	7.65	7.60	7.49	7.48	7.47			
Sp. Cond. (mS/cm)	2.166	2.129	2.123	2.122	2.127			
Turbidity (NTUs)	10.14	11.60	11.07	11.32	11.08			
Dissolved Oxygen (mg/L)	2.33	0.29	0.26	0.25	0.20			
Water Temperature (°C)	14.4	13.1	13.4	13.4	13.5			
ORP (mV)	-98.4	-150.9	-151.9	-152.3	-149.4			

Physical appearance at start — Color: clear; Odor: none; Sheen/Free Product: no

Physical appearance at sampling — Color: clear; Odor: none; Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Started purge at 0958
Sampled at 1020

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/8/2022
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-8R
Upgradient: _____ X Downgradient
Weather Conditions: Sunny
Air Temperature: 72 ° F
Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 8.43 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 19.07 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 3.1 gal
3 Casing Volumes = 9.33 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: 4 inches
Casing Material: PVC
Measuring Point Elevation: 686.29 1/100 ft
Height of Riser (above land surface): -0.29 1/100 ft
Land Surface Elevation: 686.58 1/100 ft
Screened Interval (below land surface): 14 - 24 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200	200	200	200	200			
Time (Military)	0920	0925	0930	0940	0945			
Depth to Groundwater Below Top of Casing (ft)	8.77	9.25	10.45	12.22	13.04			
Drawdown (ft)	-0.34	-0.48	-1.20	-1.77	-0.82			
pH (S.U.)	8.19	8.15	8.11	8.14	8.06			
Sp. Cond. (S/cm)	1.491	1.457	1.456	1.453	1.463			
Turbidity (NTUs)	16.5	11.6	11.5	11.0	11.1			
Dissolved Oxygen (g/L)	2.13	0.36	0.31	0.19	0.16			
Water Temperature (°C)	15.6	14.2	14.0	14.1	14.2			
ORP (mV)	-118.2	-224.8	-225.7	-219.0	-213.9			

Physical appearance at start: Color brownish; Odor none; Sheen/Free Product no

Physical appearance at sampling: Color clear/gray; Odor none; Sheen/Free Product no

COMMENTS/OBSERVATIONS: Started purge at 0918
Sampled at 0945

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/7/2022
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-11
X Upgradient ____ Downgradient
Weather Conditions: Sunny
Air Temperature: 72
Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 11.21 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 17.29 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 2.8 gal
3 Casing Volumes = 8 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 1.0 gal

Casing Diameter: 4 inches
Casing Material: PVC
Measuring Point Elevation: 688.61 1/100 ft
Height of Riser (above land surface): -0.26 1/100 ft
Land Surface Elevation: 688.87 1/100 ft
Screened Interval (below land surface): 8.5 - 28.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	200	125	125	125	125	125	125	125
Time (Military)	1000	1005	1010	1015	1020	1025	1030	1035
Depth to Groundwater Below Top of Casing (ft)	11.53	11.71	11.81	11.88	11.94	12.06	12.17	12.24
Drawdown (ft)	-0.32	-0.18	-0.10	-0.07	-0.06	-0.12	-0.11	-0.07
pH (S.U.)	6.39	6.53	6.66	6.60	6.62	6.67	6.64	6.62
Sp. Cond. (S/cm)	4.471	3.882	3.788	3.793	3.888	4.067	4.258	4.224
Turbidity (NTUs)	4.50	4.45	4.71	4.20	3.74	3.78	2.67	2.58
Dissolved Oxygen (g/L)	3.98	3.76	3.29	2.84	2.78	2.66	2.34	1.94
Water Temperature (°C)	18.1	16.4	16.8	16.5	16.7	16.8	16.5	16.7
ORP (mV)	43.9	17.3	4.9	3.6	1.8	-4.4	-7.7	-10.4

Physical appearance at start: Color clear; Odor none; Sheen/Free Product no

Physical appearance at sampling: Color clear; Odor none; Sheen/Free Product no

COMMENTS/OBSERVATIONS: Started purge at 1000
Sampled at 1035

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/7/2022
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-13S
Upgradient: ____ X Downgradient
Weather Conditions: Parly Cloudy
Air Temperature: 77 ° F
Total Depth (TWD) Below Top of Casing = 16.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 5.61 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 10.89 1/100 ft
1 Casing Volume (OCV) = LWC x 0.041 = 0.4 gal
3 Casing Volumes = 1.33947 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 0.3 gal

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 686.65 1/100 ft
Height of Riser (above land surface): -0.25 1/100 ft
Land Surface Elevation: 686.90 1/100 ft
Screened Interval (below land surface): 8.5-16.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	100							
Time (Military)	1345	1440	1445	1450				
Depth to Groundwater Below Top of Casing (ft)	5.73	6.58	8.56	9.59				
Drawdown (ft)	-0.12	-0.85	-1.98	-1.03				
pH (S.U.)	7.31	7.22	7.13	7.17				
Sp. Cond. (mS/cm)	1.255	1.332	1.298	1.283				
Turbidity (NTUs)	n/a	27.20	31.60	29.20				
Dissolved Oxygen (mg/L)	0.78	0.64	0.46	0.56				
Water Temperature (°C)	17.9	18.4	18.3	17.8				
ORP (mV)	-41.2	-107.7	-104.7	-99.8				

Physical appearance at start: Color clear; Odor none
Sheen/Free Product: no

Physical appearance at sampling: Color clear; Odor none
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Started purge at 1345, dry at 1348
Sampled at 1450

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/7/2022
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-13D
Upgradient: ___ X Downgradient
Weather Conditions: Sunny
Air Temperature: 77 ° F
Total Depth (TWD) Below Top of Casing = 23.5 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 9.20 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 14.3 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: 0.5 gal

Casing Diameter: 1 inches
Casing Material: PVC
Measuring Point Elevation: 686.78 1/100 ft
Height of Riser (above land surface): -0.12 1/100 ft
Land Surface Elevation: 686.90 1/100 ft
Screened Interval (below land surface): 19.5-23.5 1/100 ft

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

FIELD ANALYSES

Flow Rate (ml/min)	125	100	100	100	100			
Time (Military)	1405	1410	1415	1420	1425			
Depth to Groundwater Below Top of Casing (ft)	10.04	10.96	11.82	12.48	13.73			
Drawdown (ft)	-0.84	-0.92	-0.86	-0.66	-1.25			
pH (S.U.)	7.40	7.18	7.18	7.31	7.17			
Sp. Cond. (mS/cm)	1.406	1.396	1.378	1.377	1.365			
Turbidity (NTUs)	5.77	5.44	7.82	7.66	7.72			
Dissolved Oxygen (mg/L)	1.03	0.24	0.21	0.26	0.26			
Water Temperature (°C)	15.9	17.0	19.5	16.0	16.8			
ORP (mV)	-115.4	-105.8	-106.1	-109.1	-102.1			

Physical appearance at start: Color clear; Odor none
Sheen/Free Product: no

Physical appearance at sampling: Color clear; Odor none
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Started purge at 1403
Sampled at 1425

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/7/2022-7/8/2022
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-16S
Upgradient: ____ X Downgradient
Weather Conditions: Sunny
Air Temperature: 77 ° F
Total Depth (TWD) Below Top of Casing = 15.4 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 8.03 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 6.71 1/100 ft
1 Casing Volume (OCV) = LWC x 0.041 = 0.3 gal
3 Casing Volumes = 0.9 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 0.5 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	

7/8/22 **FIELD ANALYSES**

Flow Rate (ml/min)		200						
Time (Military)	1510	0825	0830	1040				
Depth to Groundwater Below Top of Casing (ft)	11.47	10.31	14.37	15.22				
Drawdown (ft)	-3.44	1.16	-4.06	-0.85				
pH (S.U.)	6.82	6.76	6.76	7.04				
Sp. Cond. (mS/cm)	2.592	3.272	1.104	3.299				
Turbidity (NTUs)		44.0						
Dissolved Oxygen (mg/L)	0..50	1.09	1.24	1.37				
Water Temperature (°C)	15.6	14.1	14.8	17.9				
ORP (mV)	-97.3	-114.9	-117.1	-103.9				

Physical appearance at start — Color: clear; Odor: none; Sheen/Free Product: no

Physical appearance at sampling — Color: clear; Odor: none; Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Started purge at 1510, dry,at 1514, dry at 0833, dry at 1044
Sampled at 1230

AECOM

GROUNDWATER SAMPLING LOG

Date (mo/day/yr): 7/8/2022
Field Personnel: C. Horrocks
Site Name: **Former Scott Aviation Site - Lancaster, NY**
Job #: **60538931**
Well ID #: MW-16D
Upgradient: ____ X Downgradient
Weather Conditions: Sunny
Air Temperature: 70 ° F
Total Depth (TWD) Below Top of Casing = 24 1/100 ft
Depth to Groundwater (DGW) Below Top of Casing = 12.42 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 11.58 1/100 ft
1 Casing Volume (OCV) = LWC x 0.041 = 0.5 gal
3 Casing Volumes = 1.4 gal
Method of Well Evacuation: Peristaltic Pump
Method of Sample Collection: Peristaltic Pump/Poly Tubing
Total Volume of Water Removed: 0.8 gal

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

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

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100			
Time (Military)	0840	0845	0850	0855	0900			
Depth to Groundwater Below Top of Casing (ft)	13.68	15.11	16.05	16.7	17.54			
Drawdown (ft)	-1.26	-1.43	-0.94	-0.65	-0.84			
pH (S.U.)	7.69	7.46	7.37	7.38	7.42			
Sp. Cond. (mS/cm)	1.531	1.540	1.527	1.504	1.493			
Turbidity (NTUs)	17.0	8.76	7.18	7.87	7.24			
Dissolved Oxygen (g/L)	0.67	0.62	0.63	0.66	0.61			
Water Temperature (°C)	14.6	14.2	13.9	14.0	14.3			
ORP (mV)	-109.6	-128.9	-132.3	-136.0	-140.6			

Physical appearance at start — Color: clear; Odor: none
Sheen/Free Product: no

Physical appearance at sampling — Color: clear; Odor: none
Sheen/Free Product: no

COMMENTS/OBSERVATIONS: Started purge at 0838
Sampled at 0900

Appendix B

Current and Historical Summary of Groundwater Elevations

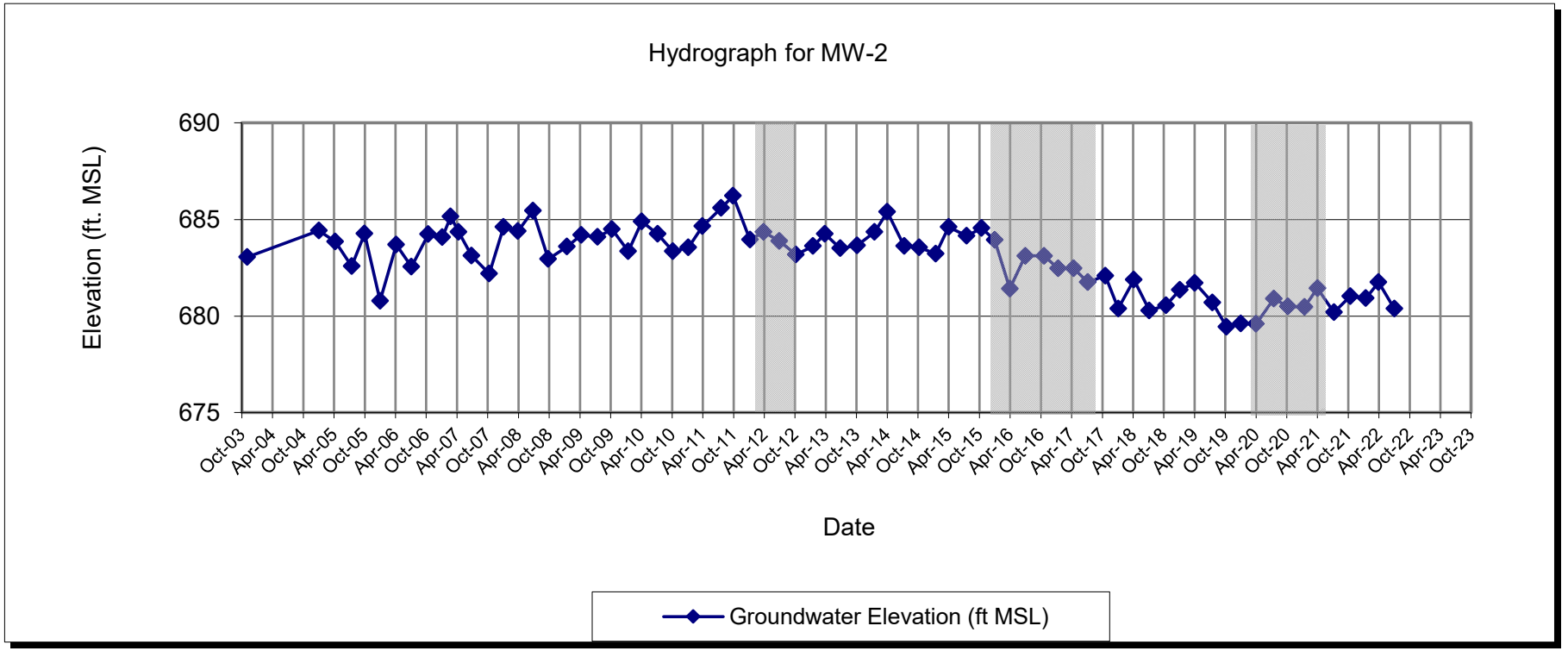
MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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
4/6/2021	5.56	681.44
7/13/2021	6.80	680.20
10/18/2021	5.97	681.03
1/18/2022	6.07	680.93
4/4/2022	5.25	681.75
7/7/2022	6.62	680.38

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).

DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

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



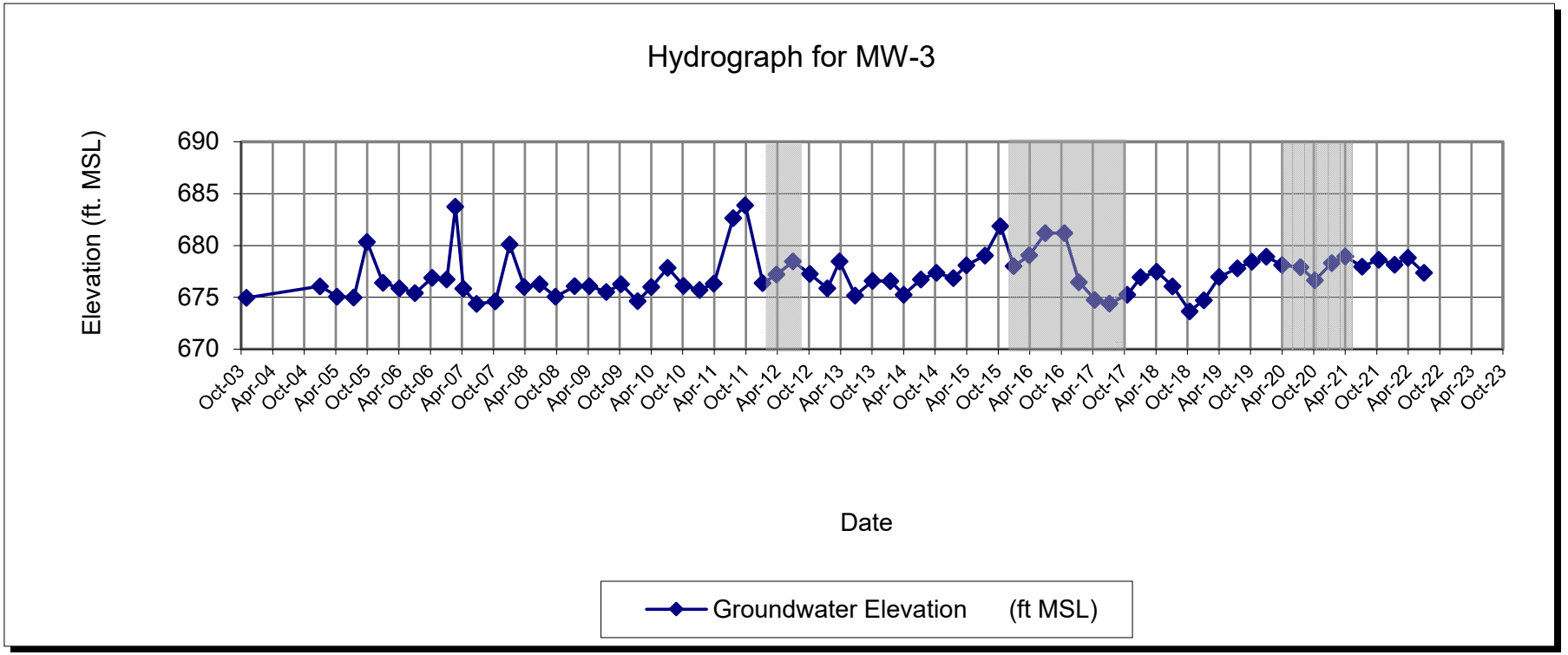
MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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	676.90
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
4/6/2021	8.10	678.95
7/13/2021	9.10	677.95
10/18/2021	8.41	678.64
1/18/2022	8.89	678.16
4/4/2022	8.24	678.81
7/7/2022	9.69	677.36

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).

DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York



MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
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
4/6/2021	8.84	677.66
7/13/2021	11.85	674.65
10/18/2021	7.65	678.85
1/18/2022	7.99	678.51
4/4/2022	7.67	678.83
7/7/2022	9.89	676.61

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).

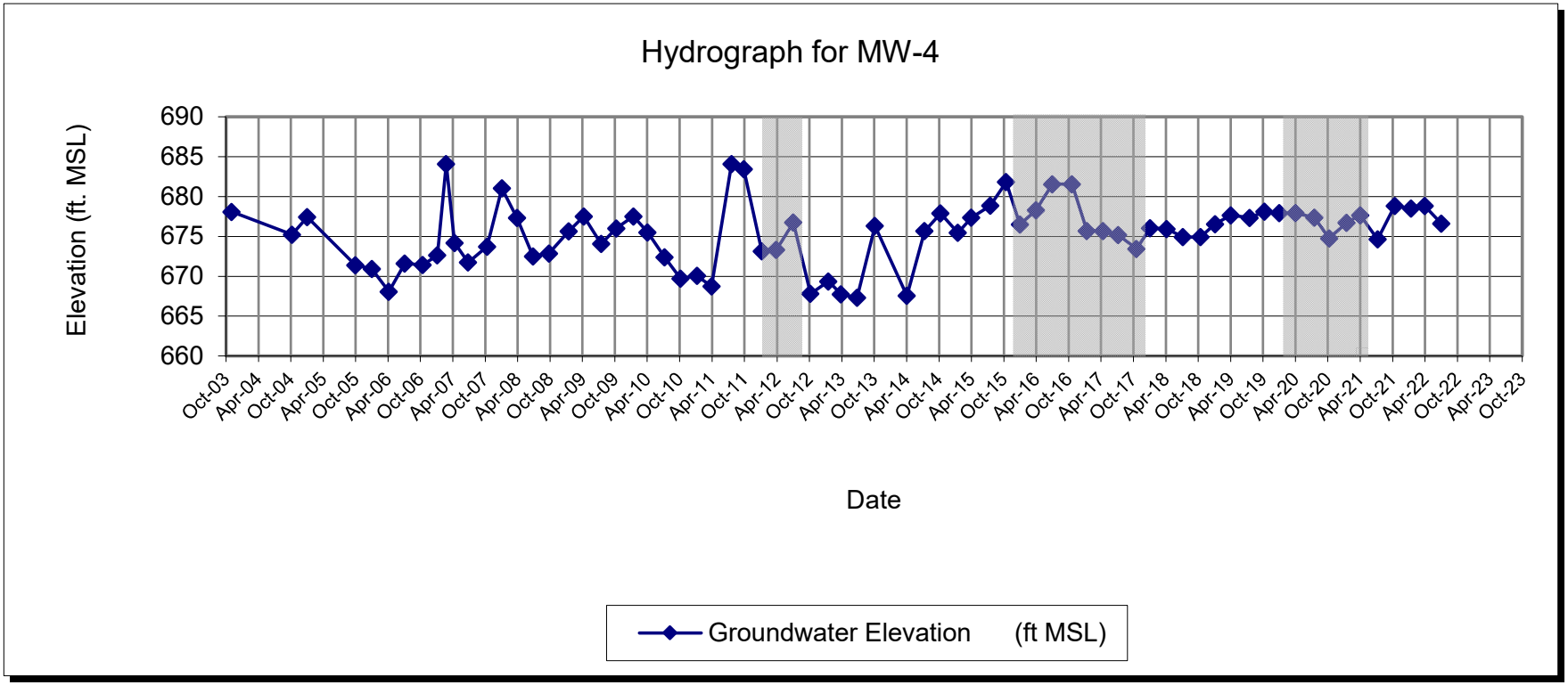
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-4

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
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
4/6/2021	7.55	678.66
7/13/2021	8.40	677.81
10/18/2021	12.45	673.76
1/18/2022	15.03	671.18
4/4/2022	14.52	671.69
7/7/2022	8.40	677.81

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).

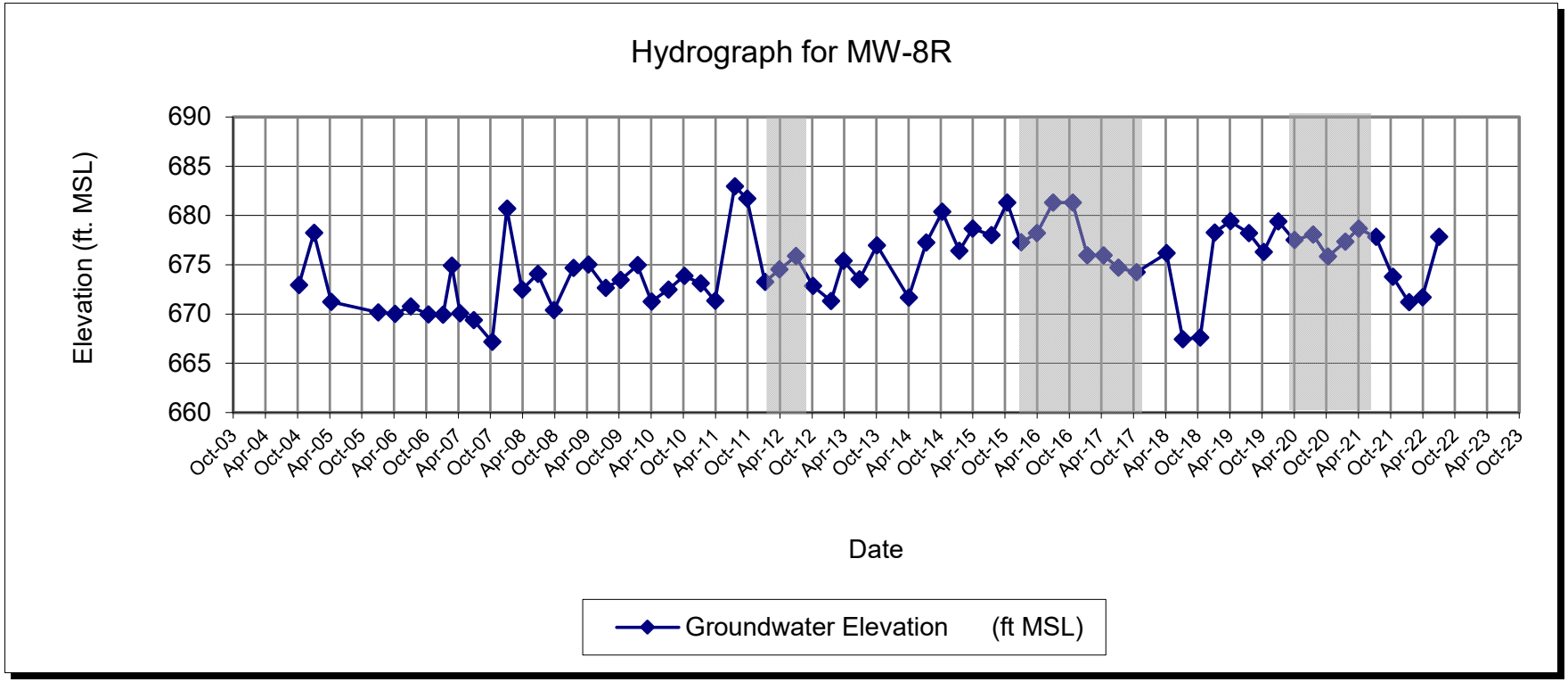
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-8R

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



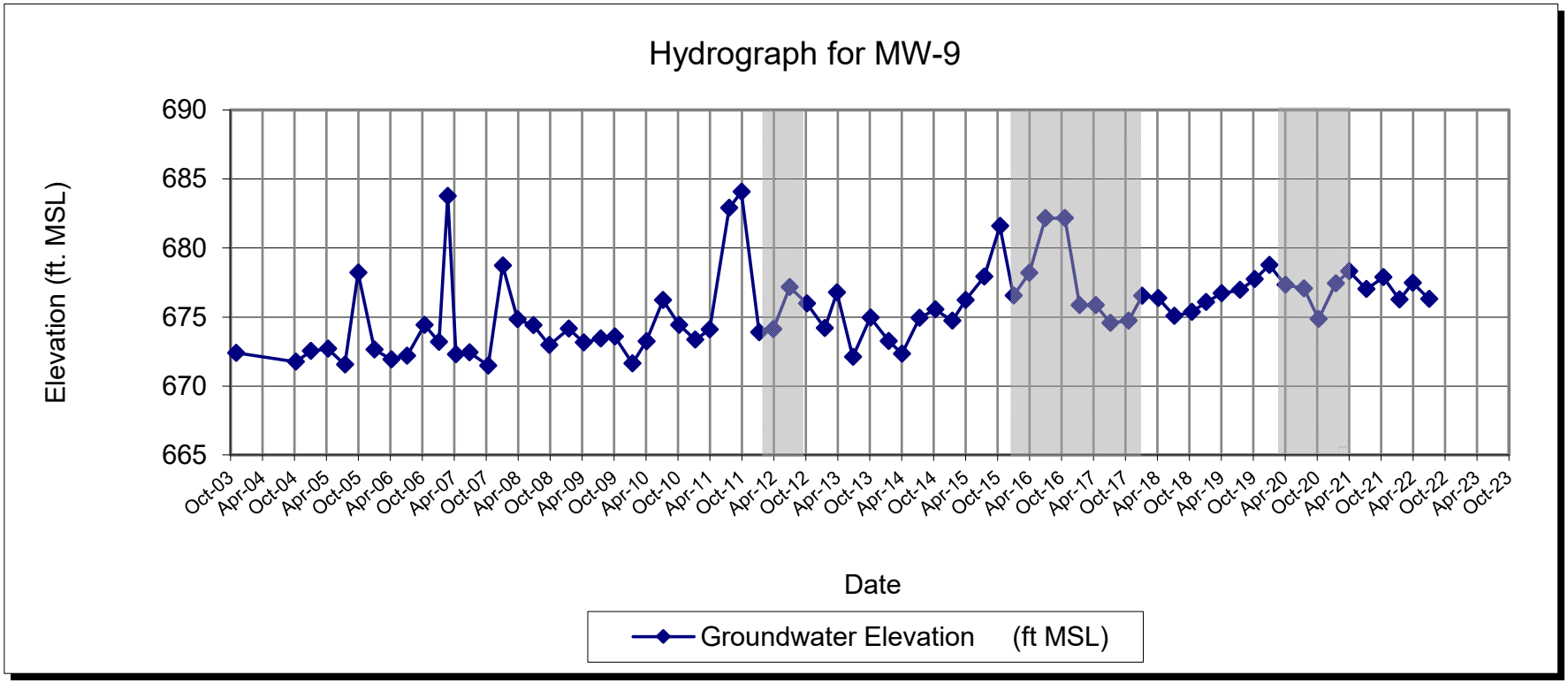
MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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
4/6/2021	11.26	678.31
7/13/2021	12.55	677.02
10/18/2021	11.69	677.88
1/18/2022	13.30	676.27
4/4/2022	12.10	677.47
7/7/2022	13.27	676.30

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).

DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York



MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
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
4/6/2021	9.81	678.80
7/13/2021	10.50	678.11
10/18/2021	9.68	678.93
1/18/2022	10.22	678.39
4/4/2022	9.14	679.47
7/7/2022	11.01	677.60

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).

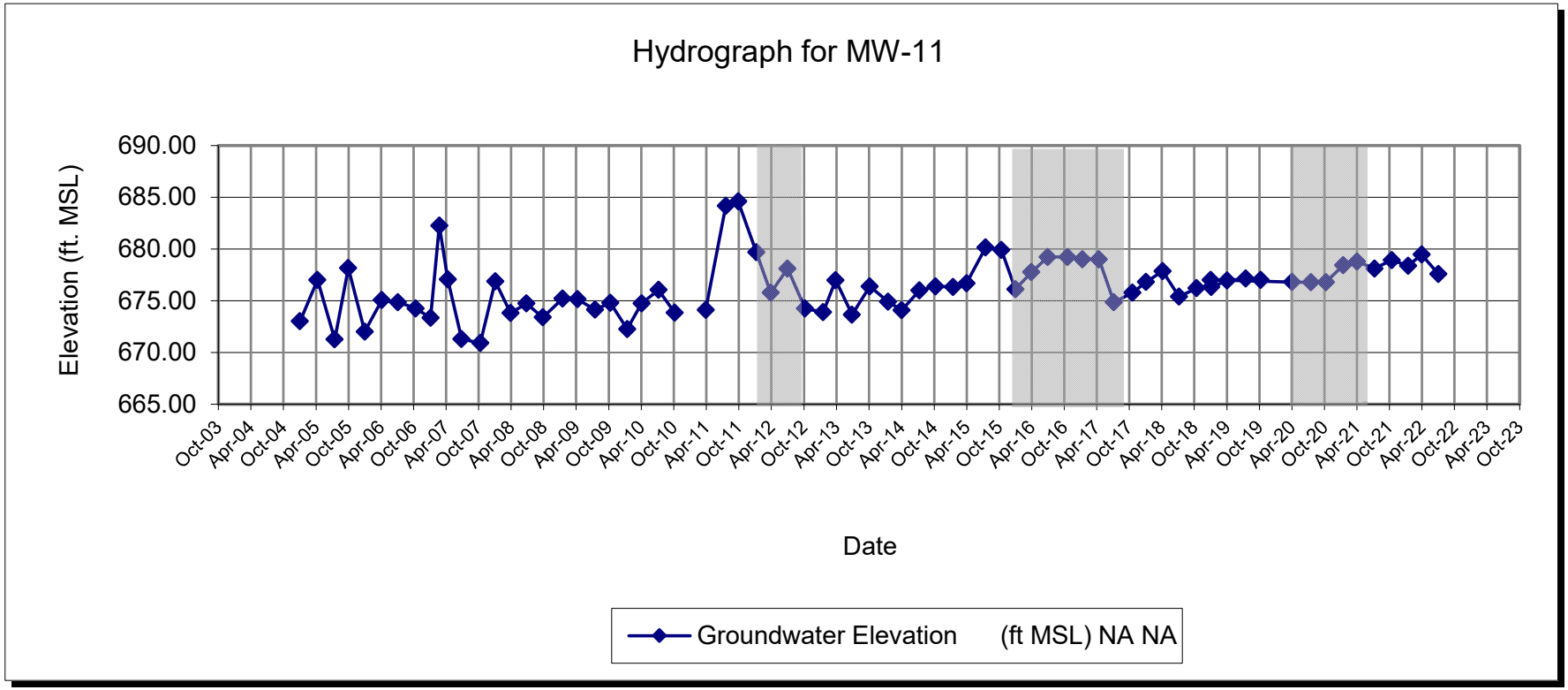
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-11

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
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
4/6/2021	3.67	682.98
7/13/2021	5.95	680.70
10/18/2021	9.31	677.34
1/18/2022	3.52	683.13
4/4/2022	2.97	683.68
7/7/2022	5.20	681.45

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).

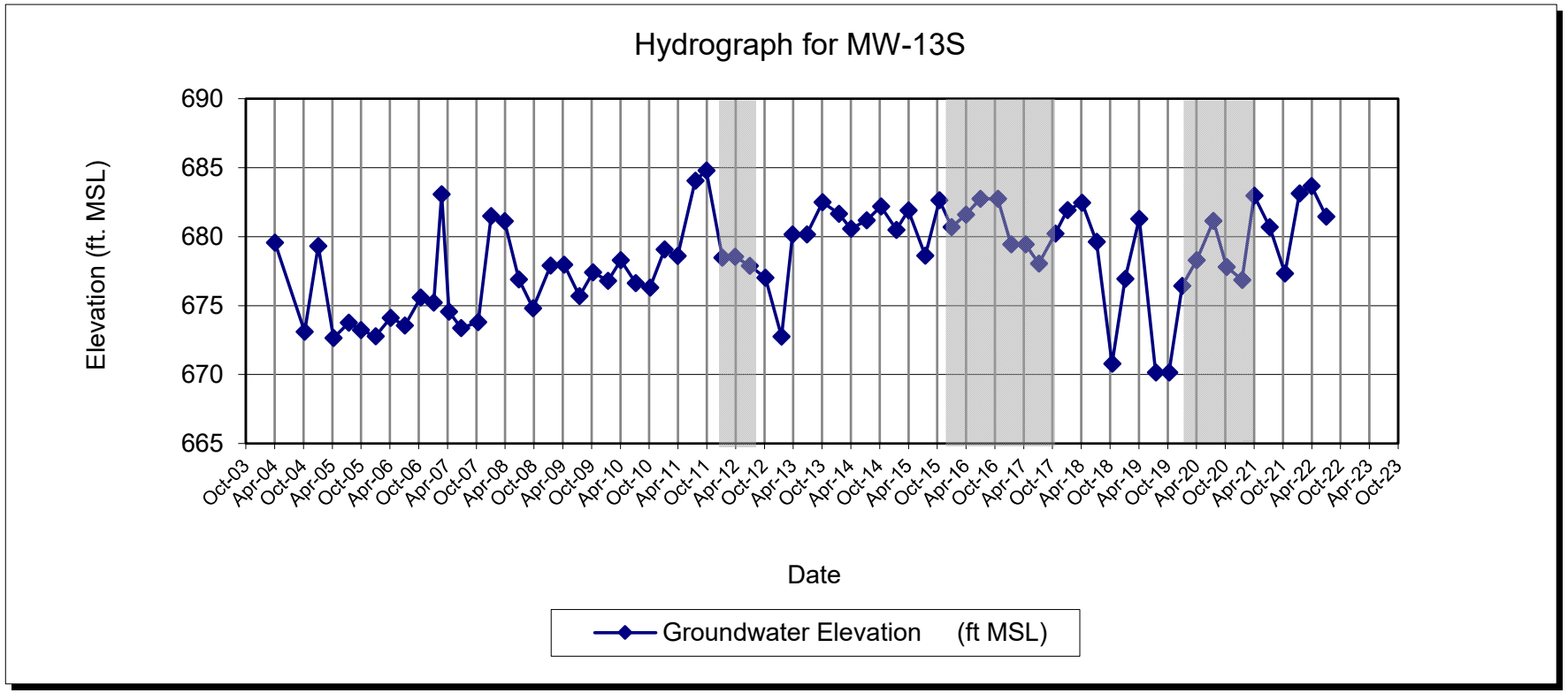
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-13S

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



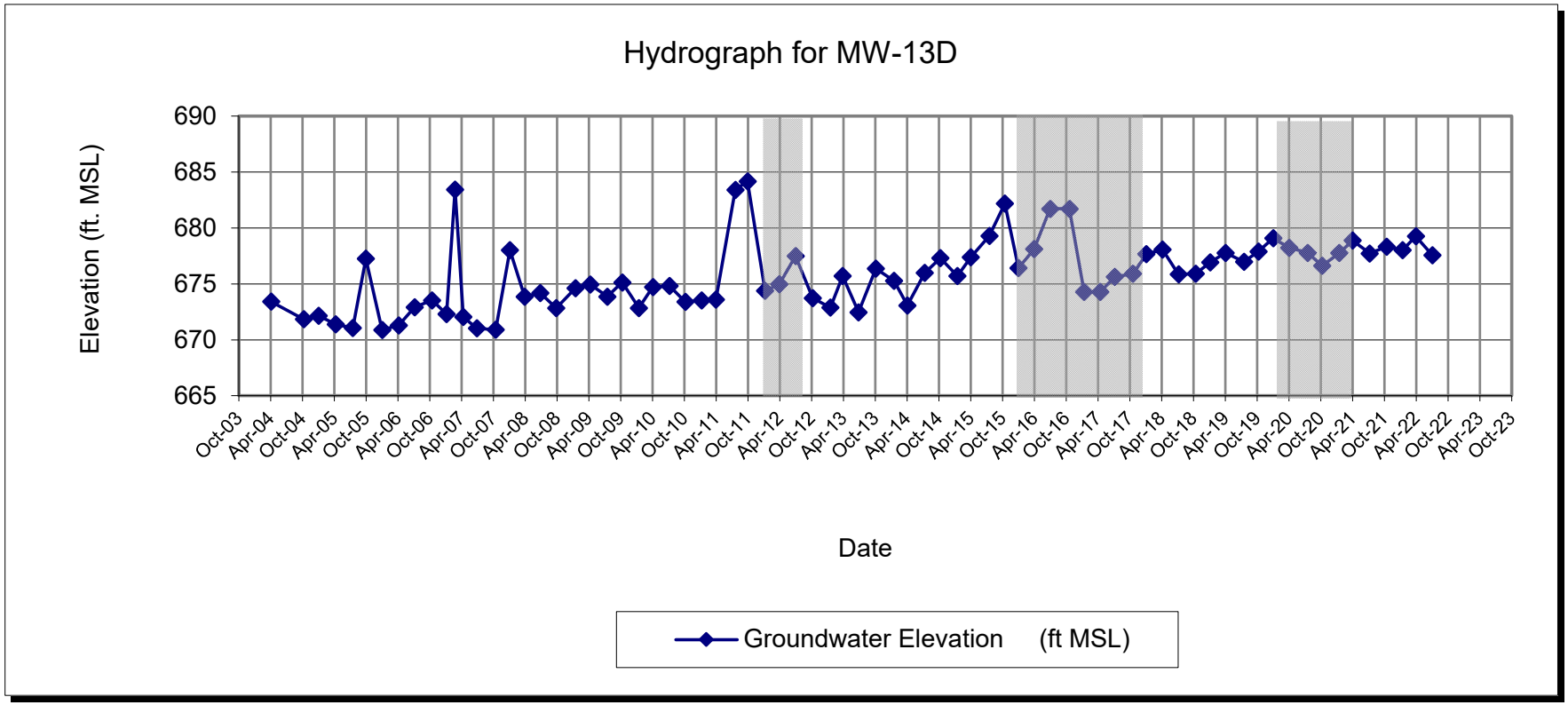
MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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
4/6/2021	7.90	678.88
7/13/2021	9.05	677.73
10/18/2021	8.45	678.33
1/18/2022	8.75	678.03
4/4/2022	7.52	679.26
7/7/2022	9.20	677.58

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).

DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York



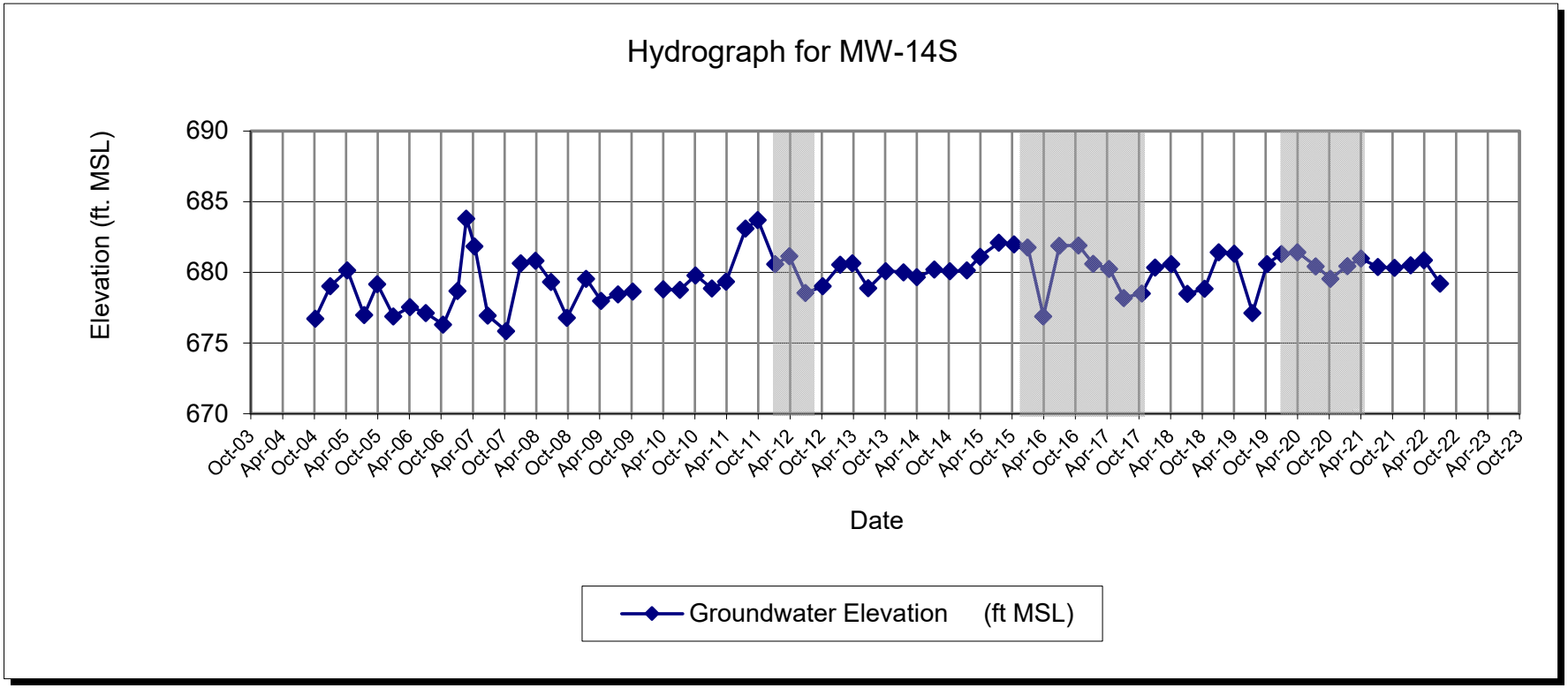
MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York

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
4/6/2021	4.75	680.99
7/13/2021	5.35	680.39
10/18/2021	5.41	680.33
1/18/2022	5.23	680.51
4/4/2022	4.86	680.88
7/7/2022	6.53	679.21

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).

DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
Lancaster, New York



MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
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
4/6/2021	10.28	675.60
7/13/2021	12.80	673.08
10/18/2021	10.13	675.75
1/18/2022	18.85	667.03
4/4/2022	11.49	674.39
7/7/2022	12.35	673.53

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).

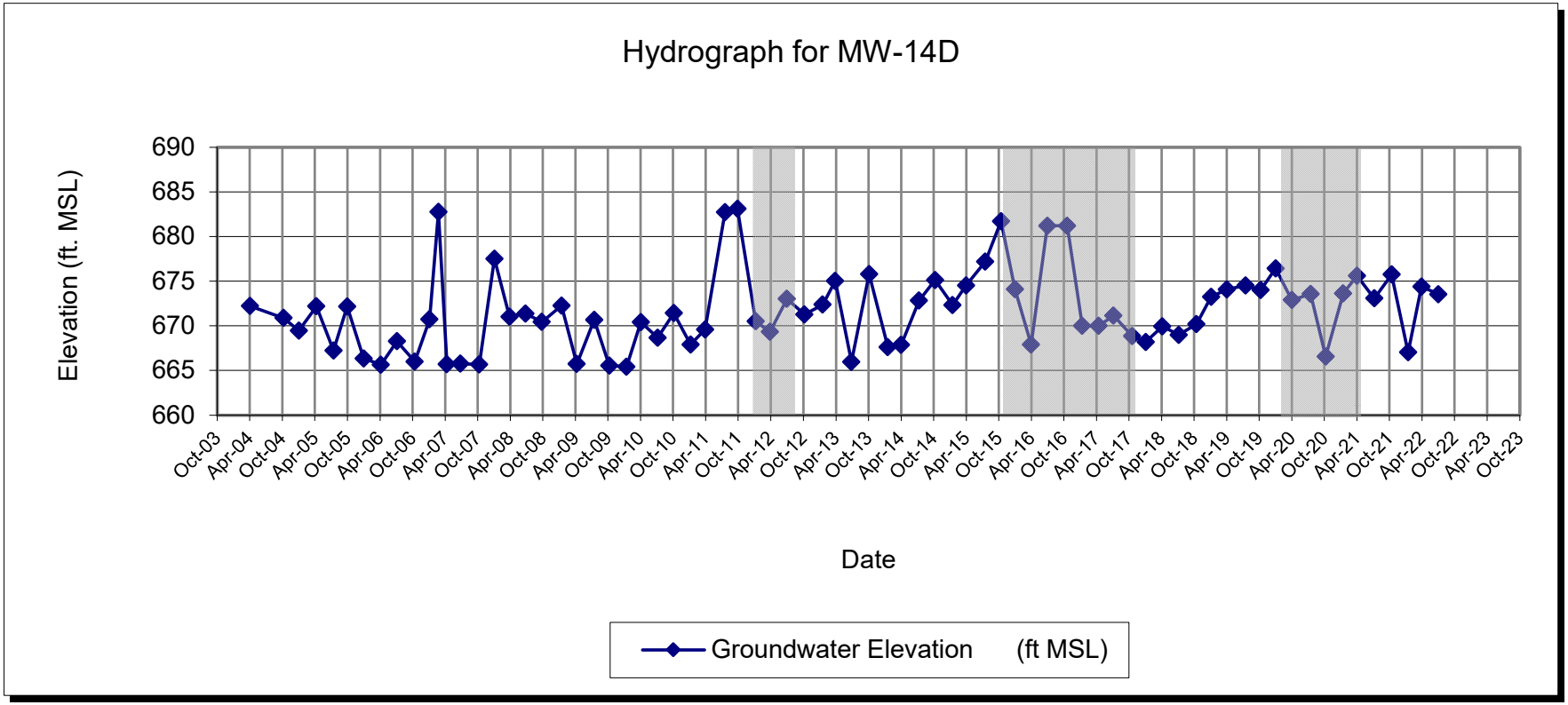
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-14D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
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
4/6/2021	0.98	686.19
7/13/2021	3.25	683.92
10/18/2021	0.87	686.30
1/18/2022	0.00	687.17
4/4/2022	0.90	686.27
7/7/2022	0.61	686.56

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).

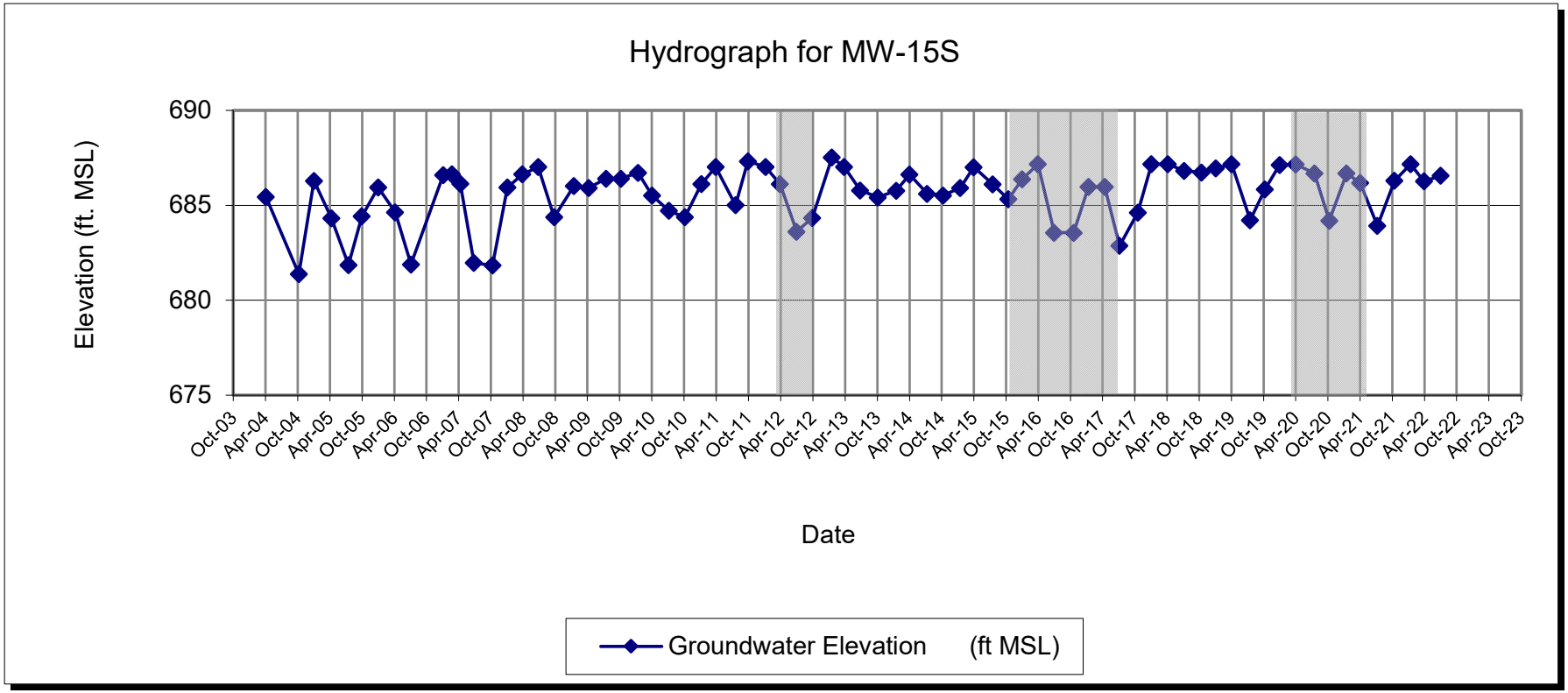
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-15S

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
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
4/6/2021	11.31	676.56
7/13/2021	13.10	674.77
10/18/2021	11.72	676.15
1/18/2022	11.85	676.02
4/4/2022	10.80	677.07
7/7/2022	12.30	675.57

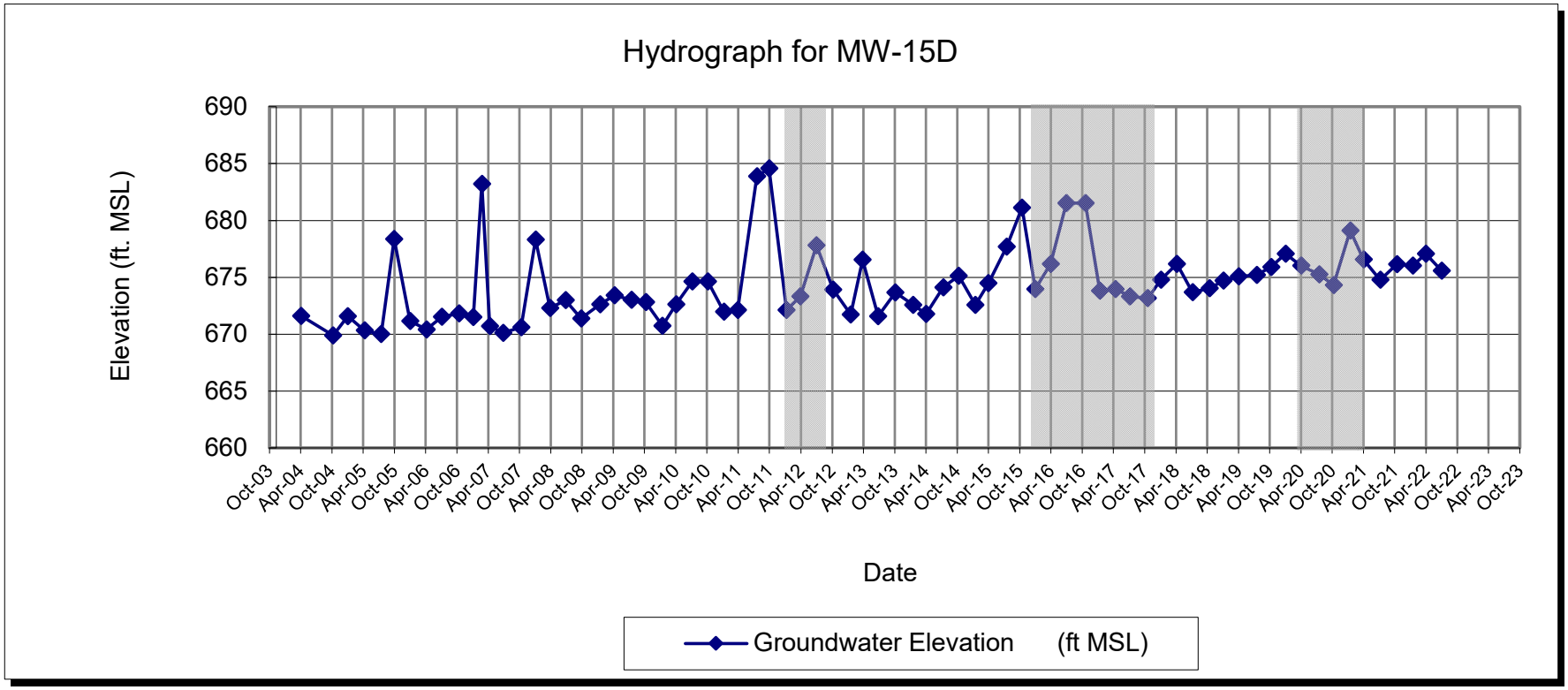
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 687.31'
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at 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).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-15D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
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
4/6/2021	6.60	681.55
7/13/2021	6.90	681.25
10/18/2021	3.87	684.28
1/18/2022	5.42	682.73
4/4/2022	4.95	683.20
7/7/2022	8.21	679.94

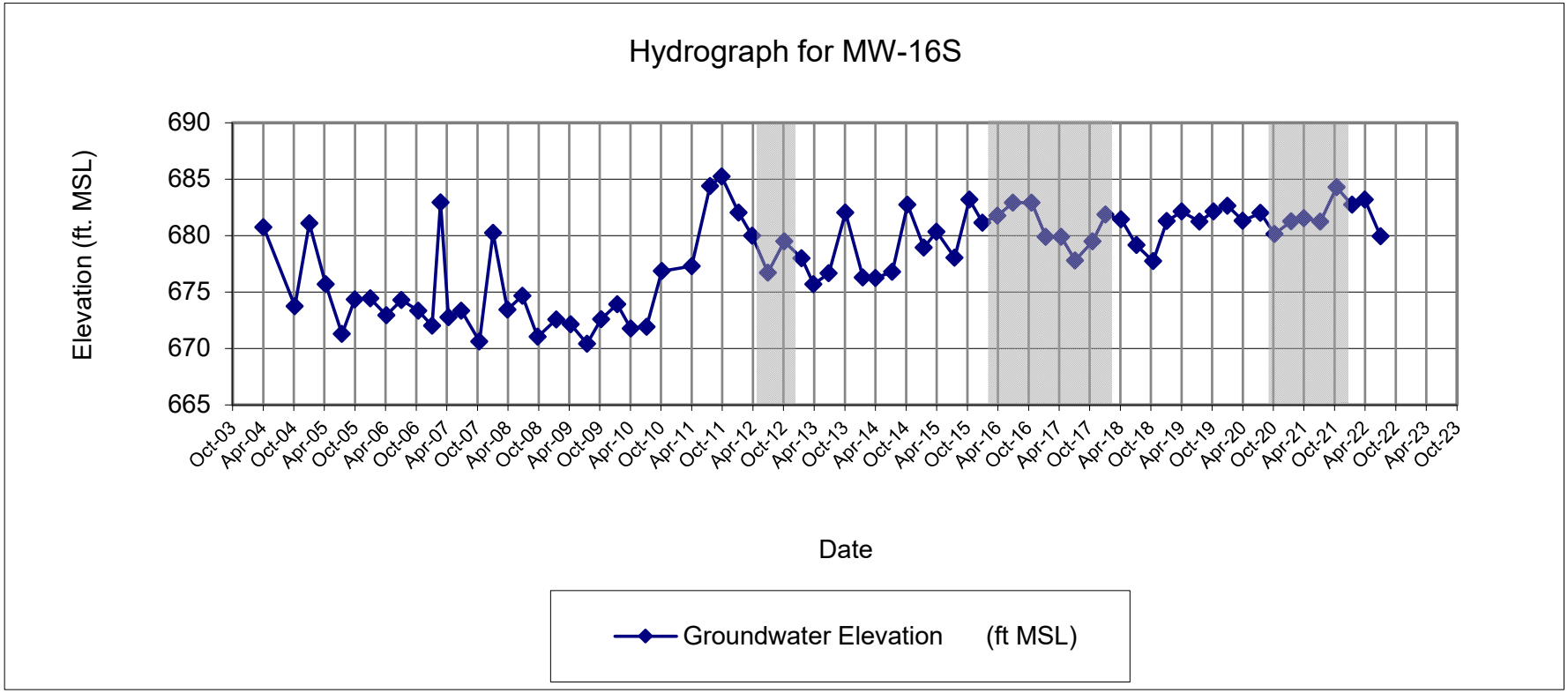
NOTES:
ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.84
DPE and GWCT off line for repairs in February 2007.
DPE off line for repairs in January 2008.
DPE off line for repairs in October 2013.
TOC Elevation re-measured on June 13, 2008 at 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).
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-16S

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site - West of Plant 2
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	675.40
10/18/2006	15.41	670.60
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
4/6/2021	10.81	677.35
7/13/2021	12.10	676.06
10/18/2021	9.55	678.61
1/18/2022	11.33	676.83
4/4/2022	10.25	677.91
7/7/2022	11.96	676.20

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).

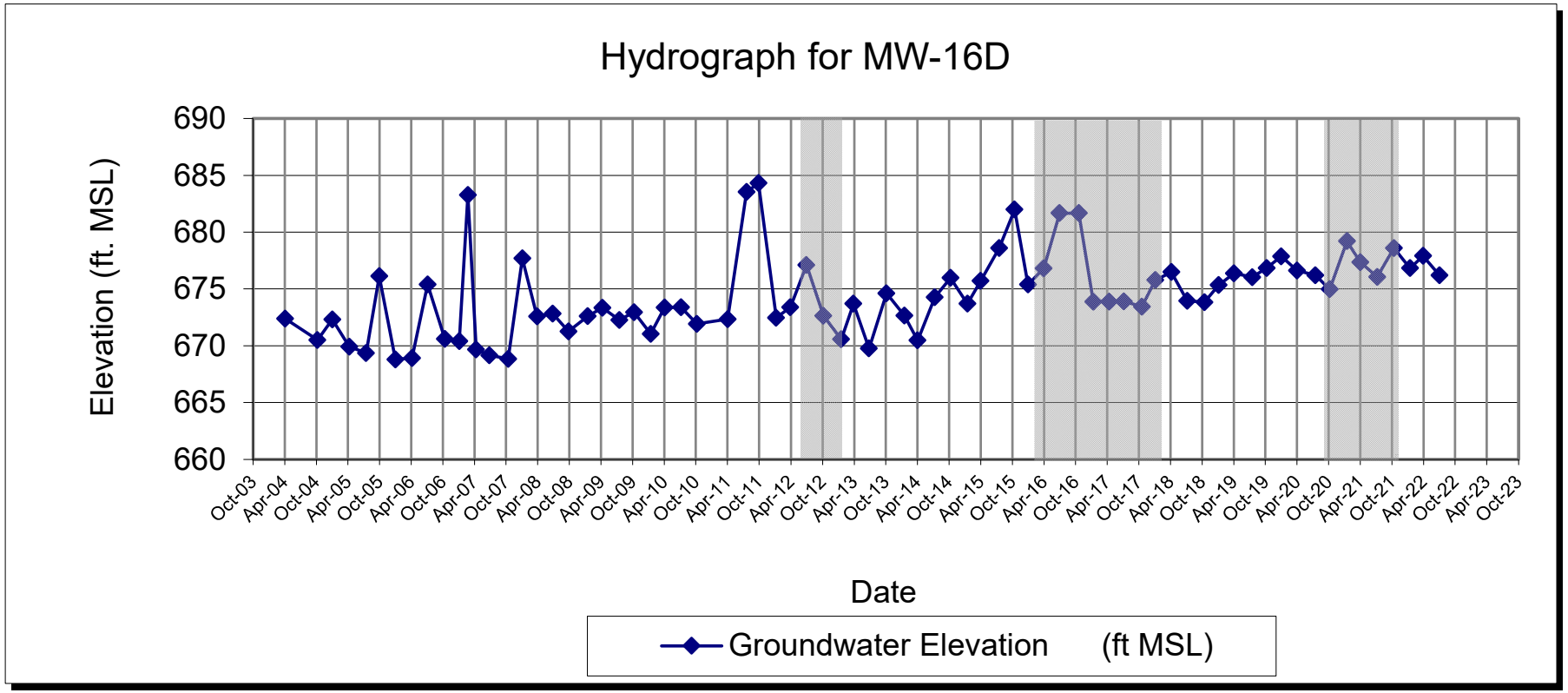
DPE-3, -4, -6, -7, -8 off line between September 2021 and June 2022 to accommodate bioaugmentation injection.

MONITORING WELL MW-16D

SUMMARY OF GROUNDWATER ELEVATIONS

Former Scott Aviation Site - West of Plant 2

Lancaster, New York



Appendix C

Analytical Laboratory Data Packages

(Provided on CD)

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-199608-1
Client Project/Site: Scott Figgie West of Plant 2

For:
AECOM
One John James Audubon Parkway
Suite 210
Amherst, New York 14228

Attn: Mr. Dino Zack

Authorized for release by:
7/19/2022 11:45:56 AM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: AECOM
Job ID: 480-199608-1
Project/Site: Scott Figgie West of Plant 2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
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.
¤	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

Job ID: 480-199608-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-199608-1

Comments
No additional comments.

Receipt
The samples were received on 7/7/2022 4:00 PM and 7/8/2022 1:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.4º C and 3.5º C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: DPE-3 (480-199608-1), DPE-5 (480-199608-3) and MW-2 (480-199608-10). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: DPE-4 (480-199608-2), DPE-7 (480-199608-5) and DPE-8 (480-199608-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-632946 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are impacted: DPE-3 (480-199608-1), DPE-4 (480-199608-2), DPE-5 (480-199608-3), DPE-6 (480-199608-4), DPE-7 (480-199608-5), DPE-8 (480-199608-6), Duplicate (480-199608-8), MW-3 (480-199608-11) and MW-11 (480-199608-12).

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 480-632946 was outside the method criteria for the following analyte(s): Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated samples are impacted: DPE-3 (480-199608-1), DPE-4 (480-199608-2), DPE-5 (480-199608-3), DPE-6 (480-199608-4), DPE-7 (480-199608-5), DPE-8 (480-199608-6), Duplicate (480-199608-8), MW-3 (480-199608-11) and MW-11 (480-199608-12).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-632946 recovered outside acceptance criteria, low biased, for Vinyl chloride and Chloromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are impacted: GWCT (480-199608-7), TB (480-199608-9) and MW-2 (480-199608-10).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: DPE-1 (480-199608-15). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: DPE-1 (480-199608-15).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-633070 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-13D (480-199608-14), DPE-1 (480-199608-15) and DPE-2 (480-199608-16).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-16S (480-199631-1) and MW-8R (480-199631-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: DPE-4 (480-199608-2), (480-199608-B-2 MS) and (480-199608-B-2 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 480-633098 was outside the method criteria for the following analyte(s): Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s)

Job ID: 480-199608-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

is considered estimated. The associated samples are impacted: DPE-4 (480-199608-2) and MW-13S (480-199608-13).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-633098 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were detected below the reporting limit (RL) or non-detect for the analyte(s), the data are reported. The associated sample is impacted: MW-13S (480-199608-13).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-633098 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The associated samples are impacted: (480-199608-B-2 MS) and (480-199608-B-2 MSD).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-16D (480-199631-2) and MW-8R (480-199631-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted due to the nature of the sample matrix: MW-4 (480-199631-4). Elevated reporting limits (RLs) are provided.

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 633226. The following samples were affected : MW-16D (480-199631-2), MW-8R (480-199631-3) and MW-4 (480-199631-4).

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 of below 2. The following sample was received with insufficient preservation at a pH of above 2: DPE-4 (480-199608-2). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 9060A: The sample duplicate precision for the following sample associated with analytical batch 480-633712 was outside control limits: DPE-5 (480-199608-3) and (480-199608-D-3 DU). Non-homogeneity of the sample matrix is suspected. Sample was reanalyzed and the results were confirmed. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

Method 9060A: The results reported for the following sample do not concur with results previously reported for this site: DPE-6 (480-199608-4). 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: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-199608-1

Client Sample ID: DPE-3

Date Collected: 07/07/22 12:20
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			07/08/22 17:00	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			07/08/22 17:00	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			07/08/22 17:00	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			07/08/22 17:00	20
1,1-Dichloroethane	ND		20	7.6	ug/L			07/08/22 17:00	20
1,1-Dichloroethene	ND		20	5.8	ug/L			07/08/22 17:00	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			07/08/22 17:00	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			07/08/22 17:00	20
1,2-Dibromoethane	ND		20	15	ug/L			07/08/22 17:00	20
1,2-Dichlorobenzene	ND		20	16	ug/L			07/08/22 17:00	20
1,2-Dichloroethane	ND		20	4.2	ug/L			07/08/22 17:00	20
1,2-Dichloropropane	ND		20	14	ug/L			07/08/22 17:00	20
1,3-Dichlorobenzene	ND		20	16	ug/L			07/08/22 17:00	20
1,4-Dichlorobenzene	ND		20	17	ug/L			07/08/22 17:00	20
2-Butanone (MEK)	ND		200	26	ug/L			07/08/22 17:00	20
2-Hexanone	ND		100	25	ug/L			07/08/22 17:00	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			07/08/22 17:00	20
Acetone	ND		200	60	ug/L			07/08/22 17:00	20
Benzene	ND		20	8.2	ug/L			07/08/22 17:00	20
Bromodichloromethane	ND		20	7.8	ug/L			07/08/22 17:00	20
Bromoform	ND		20	5.2	ug/L			07/08/22 17:00	20
Bromomethane	ND		20	14	ug/L			07/08/22 17:00	20
Carbon disulfide	ND		20	3.8	ug/L			07/08/22 17:00	20
Carbon tetrachloride	ND		20	5.4	ug/L			07/08/22 17:00	20
Chlorobenzene	ND		20	15	ug/L			07/08/22 17:00	20
Chloroethane	ND		20	6.4	ug/L			07/08/22 17:00	20
Chloroform	ND		20	6.8	ug/L			07/08/22 17:00	20
Chloromethane	ND		20	7.0	ug/L			07/08/22 17:00	20
cis-1,2-Dichloroethene	**81**		20	16	ug/L			07/08/22 17:00	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			07/08/22 17:00	20
Cyclohexane	ND		20	3.6	ug/L			07/08/22 17:00	20
Dibromochloromethane	ND		20	6.4	ug/L			07/08/22 17:00	20
Dichlorodifluoromethane	ND		20	14	ug/L			07/08/22 17:00	20
Ethylbenzene	ND		20	15	ug/L			07/08/22 17:00	20
Isopropylbenzene	ND		20	16	ug/L			07/08/22 17:00	20
Methyl acetate	ND		50	26	ug/L			07/08/22 17:00	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			07/08/22 17:00	20
Methylcyclohexane	ND		20	3.2	ug/L			07/08/22 17:00	20
Methylene Chloride	ND		20	8.8	ug/L			07/08/22 17:00	20
Styrene	ND		20	15	ug/L			07/08/22 17:00	20
Tetrachloroethene	ND		20	7.2	ug/L			07/08/22 17:00	20
Toluene	ND		20	10	ug/L			07/08/22 17:00	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			07/08/22 17:00	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			07/08/22 17:00	20
Trichloroethene	ND		20	9.2	ug/L			07/08/22 17:00	20
Trichlorofluoromethane	ND		20	18	ug/L			07/08/22 17:00	20
Vinyl chloride	**69**		20	18	ug/L			07/08/22 17:00	20
Xylenes, Total	ND		40	13	ug/L			07/08/22 17:00	20

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

Job ID: 480-199608-1

Client Sample ID: DPE-3

Date Collected: 07/07/22 12:20
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-1

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*07/08/22 17:00*	*20*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*07/08/22 17:00*	*20*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/08/22 17:00*	*20*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/08/22 17:00*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**21.8**		1.0	0.43	mg/L			07/11/22 19:48	1

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

Job ID: 480-199608-1

Client Sample ID: DPE-4
Date Collected: 07/07/22 11:45
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			07/08/22 17:24	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			07/08/22 17:24	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			07/08/22 17:24	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			07/08/22 17:24	4
1,1-Dichloroethane	**9.0**		4.0	1.5	ug/L			07/08/22 17:24	4
1,1-Dichloroethene	**2.8**	**J**	4.0	1.2	ug/L			07/08/22 17:24	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			07/08/22 17:24	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			07/08/22 17:24	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			07/08/22 17:24	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			07/08/22 17:24	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			07/08/22 17:24	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			07/08/22 17:24	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			07/08/22 17:24	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			07/08/22 17:24	4
2-Butanone (MEK)	ND		40	5.3	ug/L			07/08/22 17:24	4
2-Hexanone	ND		20	5.0	ug/L			07/08/22 17:24	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			07/08/22 17:24	4
Acetone	ND		40	12	ug/L			07/08/22 17:24	4
Benzene	ND		4.0	1.6	ug/L			07/08/22 17:24	4
Bromodichloromethane	ND		4.0	1.6	ug/L			07/08/22 17:24	4
Bromoform	ND		4.0	1.0	ug/L			07/08/22 17:24	4
Bromomethane	ND		4.0	2.8	ug/L			07/08/22 17:24	4
Carbon disulfide	**1.4**	**J**	4.0	0.76	ug/L			07/08/22 17:24	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			07/08/22 17:24	4
Chlorobenzene	ND		4.0	3.0	ug/L			07/08/22 17:24	4
Chloroethane	**3.3**	**J**	4.0	1.3	ug/L			07/08/22 17:24	4
Chloroform	ND		4.0	1.4	ug/L			07/08/22 17:24	4
Chloromethane	ND		4.0	1.4	ug/L			07/08/22 17:24	4
cis-1,2-Dichloroethene	**2100**	**E**	4.0	3.2	ug/L			07/08/22 17:24	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			07/08/22 17:24	4
Cyclohexane	ND		4.0	0.72	ug/L			07/08/22 17:24	4
Dibromochloromethane	ND		4.0	1.3	ug/L			07/08/22 17:24	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			07/08/22 17:24	4
Ethylbenzene	ND		4.0	3.0	ug/L			07/08/22 17:24	4
Isopropylbenzene	ND		4.0	3.2	ug/L			07/08/22 17:24	4
Methyl acetate	ND		10	5.2	ug/L			07/08/22 17:24	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			07/08/22 17:24	4
Methylcyclohexane	ND		4.0	0.64	ug/L			07/08/22 17:24	4
Methylene Chloride	ND		4.0	1.8	ug/L			07/08/22 17:24	4
Styrene	ND		4.0	2.9	ug/L			07/08/22 17:24	4
Tetrachloroethene	ND		4.0	1.4	ug/L			07/08/22 17:24	4
Toluene	**8.1**		4.0	2.0	ug/L			07/08/22 17:24	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			07/08/22 17:24	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			07/08/22 17:24	4
Trichloroethene	**34**		4.0	1.8	ug/L			07/08/22 17:24	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			07/08/22 17:24	4
Vinyl chloride	**840**	**E**	4.0	3.6	ug/L			07/08/22 17:24	4
Xylenes, Total	ND		8.0	2.6	ug/L			07/08/22 17:24	4

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

Job ID: 480-199608-1

Client Sample ID: DPE-4

Date Collected: 07/07/22 11:45
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-2

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/08/22 17:24*	*4*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/08/22 17:24*	*4*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/08/22 17:24*	*4*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/08/22 17:24*	*4*

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		40	33	ug/L			07/11/22 17:33	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			07/11/22 17:33	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			07/11/22 17:33	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			07/11/22 17:33	40
1,1-Dichloroethane	ND		40	15	ug/L			07/11/22 17:33	40
1,1-Dichloroethene	ND		40	12	ug/L			07/11/22 17:33	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			07/11/22 17:33	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			07/11/22 17:33	40
1,2-Dibromoethane	ND		40	29	ug/L			07/11/22 17:33	40
1,2-Dichlorobenzene	ND		40	32	ug/L			07/11/22 17:33	40
1,2-Dichloroethane	ND		40	8.4	ug/L			07/11/22 17:33	40
1,2-Dichloropropane	ND		40	29	ug/L			07/11/22 17:33	40
1,3-Dichlorobenzene	ND		40	31	ug/L			07/11/22 17:33	40
1,4-Dichlorobenzene	ND		40	34	ug/L			07/11/22 17:33	40
2-Butanone (MEK)	ND		400	53	ug/L			07/11/22 17:33	40
2-Hexanone	ND		200	50	ug/L			07/11/22 17:33	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			07/11/22 17:33	40
Acetone	ND		400	120	ug/L			07/11/22 17:33	40
Benzene	ND		40	16	ug/L			07/11/22 17:33	40
Bromodichloromethane	ND		40	16	ug/L			07/11/22 17:33	40
Bromoform	ND		40	10	ug/L			07/11/22 17:33	40
Bromomethane	ND		40	28	ug/L			07/11/22 17:33	40
Carbon disulfide	ND		40	7.6	ug/L			07/11/22 17:33	40
Carbon tetrachloride	ND		40	11	ug/L			07/11/22 17:33	40
Chlorobenzene	ND		40	30	ug/L			07/11/22 17:33	40
Chloroethane	ND		40	13	ug/L			07/11/22 17:33	40
Chloroform	ND		40	14	ug/L			07/11/22 17:33	40
Chloromethane	ND		40	14	ug/L			07/11/22 17:33	40
cis-1,2-Dichloroethene	**2000**	**F1**	40	32	ug/L			07/11/22 17:33	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			07/11/22 17:33	40
Cyclohexane	ND		40	7.2	ug/L			07/11/22 17:33	40
Dibromochloromethane	ND		40	13	ug/L			07/11/22 17:33	40
Dichlorodifluoromethane	ND		40	27	ug/L			07/11/22 17:33	40
Ethylbenzene	ND		40	30	ug/L			07/11/22 17:33	40
Isopropylbenzene	ND		40	32	ug/L			07/11/22 17:33	40
Methyl acetate	ND		100	52	ug/L			07/11/22 17:33	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			07/11/22 17:33	40
Methylcyclohexane	ND		40	6.4	ug/L			07/11/22 17:33	40
Methylene Chloride	ND		40	18	ug/L			07/11/22 17:33	40
Styrene	ND		40	29	ug/L			07/11/22 17:33	40
Tetrachloroethene	ND		40	14	ug/L			07/11/22 17:33	40
Toluene	ND		40	20	ug/L			07/11/22 17:33	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			07/11/22 17:33	40

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

Job ID: 480-199608-1

Client Sample ID: DPE-4
Date Collected: 07/07/22 11:45
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		40	15	ug/L			07/11/22 17:33	40
Trichloroethene	**28**	**J**	40	18	ug/L			07/11/22 17:33	40
Trichlorofluoromethane	ND		40	35	ug/L			07/11/22 17:33	40
Vinyl chloride	**760**	**F1**	40	36	ug/L			07/11/22 17:33	40
Xylenes, Total	ND		80	26	ug/L			07/11/22 17:33	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*07/11/22 17:33*	*40*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*07/11/22 17:33*	*40*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/11/22 17:33*	*40*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*07/11/22 17:33*	*40*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**9.0**		1.0	0.43	mg/L			07/11/22 20:47	1

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

Job ID: 480-199608-1

Client Sample ID: DPE-5
Date Collected: 07/07/22 14:00
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			07/08/22 17:47	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			07/08/22 17:47	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			07/08/22 17:47	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			07/08/22 17:47	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			07/08/22 17:47	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			07/08/22 17:47	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			07/08/22 17:47	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			07/08/22 17:47	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			07/08/22 17:47	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			07/08/22 17:47	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			07/08/22 17:47	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			07/08/22 17:47	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			07/08/22 17:47	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			07/08/22 17:47	4
2-Butanone (MEK)	ND		40	5.3	ug/L			07/08/22 17:47	4
2-Hexanone	ND		20	5.0	ug/L			07/08/22 17:47	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			07/08/22 17:47	4
Acetone	ND		40	12	ug/L			07/08/22 17:47	4
Benzene	ND		4.0	1.6	ug/L			07/08/22 17:47	4
Bromodichloromethane	ND		4.0	1.6	ug/L			07/08/22 17:47	4
Bromoform	ND		4.0	1.0	ug/L			07/08/22 17:47	4
Bromomethane	ND		4.0	2.8	ug/L			07/08/22 17:47	4
Carbon disulfide	ND		4.0	0.76	ug/L			07/08/22 17:47	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			07/08/22 17:47	4
Chlorobenzene	ND		4.0	3.0	ug/L			07/08/22 17:47	4
Chloroethane	**26**		4.0	1.3	ug/L			07/08/22 17:47	4
Chloroform	ND		4.0	1.4	ug/L			07/08/22 17:47	4
Chloromethane	ND		4.0	1.4	ug/L			07/08/22 17:47	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			07/08/22 17:47	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			07/08/22 17:47	4
Cyclohexane	ND		4.0	0.72	ug/L			07/08/22 17:47	4
Dibromochloromethane	ND		4.0	1.3	ug/L			07/08/22 17:47	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			07/08/22 17:47	4
Ethylbenzene	ND		4.0	3.0	ug/L			07/08/22 17:47	4
Isopropylbenzene	ND		4.0	3.2	ug/L			07/08/22 17:47	4
Methyl acetate	ND		10	5.2	ug/L			07/08/22 17:47	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			07/08/22 17:47	4
Methylcyclohexane	ND		4.0	0.64	ug/L			07/08/22 17:47	4
Methylene Chloride	ND		4.0	1.8	ug/L			07/08/22 17:47	4
Styrene	ND		4.0	2.9	ug/L			07/08/22 17:47	4
Tetrachloroethene	ND		4.0	1.4	ug/L			07/08/22 17:47	4
Toluene	ND		4.0	2.0	ug/L			07/08/22 17:47	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			07/08/22 17:47	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			07/08/22 17:47	4
Trichloroethene	ND		4.0	1.8	ug/L			07/08/22 17:47	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			07/08/22 17:47	4
Vinyl chloride	**5.5**		4.0	3.6	ug/L			07/08/22 17:47	4
Xylenes, Total	ND		8.0	2.6	ug/L			07/08/22 17:47	4

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

Job ID: 480-199608-1

Client Sample ID: DPE-5

Date Collected: 07/07/22 14:00
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*07/08/22 17:47*	*4*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*07/08/22 17:47*	*4*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/08/22 17:47*	*4*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/08/22 17:47*	*4*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	80.3		1.0	0.43	mg/L			07/14/22 20:59	1

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

Job ID: 480-199608-1

Client Sample ID: DPE-6
Date Collected: 07/07/22 13:45
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/22 18:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/22 18:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/22 18:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/22 18:10	1
1,1-Dichloroethane	**27**		1.0	0.38	ug/L			07/08/22 18:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/22 18:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/22 18:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/22 18:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/22 18:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/22 18:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/22 18:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/22 18:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/22 18:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/22 18:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/22 18:10	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/22 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/22 18:10	1
Acetone	**11**		10	3.0	ug/L			07/08/22 18:10	1
Benzene	ND		1.0	0.41	ug/L			07/08/22 18:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/22 18:10	1
Bromoform	ND		1.0	0.26	ug/L			07/08/22 18:10	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/22 18:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/22 18:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/22 18:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/22 18:10	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/22 18:10	1
Chloroform	ND		1.0	0.34	ug/L			07/08/22 18:10	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/22 18:10	1
cis-1,2-Dichloroethene	**22**		1.0	0.81	ug/L			07/08/22 18:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/22 18:10	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/22 18:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/22 18:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/22 18:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/22 18:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/22 18:10	1
Methyl acetate	ND		2.5	1.3	ug/L			07/08/22 18:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/22 18:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/22 18:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/22 18:10	1
Styrene	ND		1.0	0.73	ug/L			07/08/22 18:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/22 18:10	1
Toluene	**2.2**		1.0	0.51	ug/L			07/08/22 18:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/22 18:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/22 18:10	1
Trichloroethene	**5.1**		1.0	0.46	ug/L			07/08/22 18:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/22 18:10	1
Vinyl chloride	**8.3**		1.0	0.90	ug/L			07/08/22 18:10	1
Xylenes, Total	**0.69**	**J**	2.0	0.66	ug/L			07/08/22 18:10	1

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

Job ID: 480-199608-1

Client Sample ID: DPE-6

Date Collected: 07/07/22 13:45
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-4

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*07/08/22 18:10*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/08/22 18:10*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/08/22 18:10*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*07/08/22 18:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	16.7		1.0	0.43	mg/L			07/14/22 17:08	1

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

Job ID: 480-199608-1

Client Sample ID: DPE-7
Date Collected: 07/07/22 13:00
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			07/08/22 18:33	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			07/08/22 18:33	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			07/08/22 18:33	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			07/08/22 18:33	2
1,1-Dichloroethane	**6.2**		2.0	0.76	ug/L			07/08/22 18:33	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			07/08/22 18:33	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			07/08/22 18:33	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			07/08/22 18:33	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			07/08/22 18:33	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			07/08/22 18:33	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			07/08/22 18:33	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			07/08/22 18:33	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			07/08/22 18:33	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			07/08/22 18:33	2
2-Butanone (MEK)	ND		20	2.6	ug/L			07/08/22 18:33	2
2-Hexanone	ND		10	2.5	ug/L			07/08/22 18:33	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			07/08/22 18:33	2
Acetone	ND		20	6.0	ug/L			07/08/22 18:33	2
Benzene	ND		2.0	0.82	ug/L			07/08/22 18:33	2
Bromodichloromethane	ND		2.0	0.78	ug/L			07/08/22 18:33	2
Bromoform	ND		2.0	0.52	ug/L			07/08/22 18:33	2
Bromomethane	ND		2.0	1.4	ug/L			07/08/22 18:33	2
Carbon disulfide	ND		2.0	0.38	ug/L			07/08/22 18:33	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			07/08/22 18:33	2
Chlorobenzene	ND		2.0	1.5	ug/L			07/08/22 18:33	2
Chloroethane	**120**		2.0	0.64	ug/L			07/08/22 18:33	2
Chloroform	ND		2.0	0.68	ug/L			07/08/22 18:33	2
Chloromethane	ND		2.0	0.70	ug/L			07/08/22 18:33	2
cis-1,2-Dichloroethene	**3.2**		2.0	1.6	ug/L			07/08/22 18:33	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			07/08/22 18:33	2
Cyclohexane	ND		2.0	0.36	ug/L			07/08/22 18:33	2
Dibromochloromethane	ND		2.0	0.64	ug/L			07/08/22 18:33	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			07/08/22 18:33	2
Ethylbenzene	ND		2.0	1.5	ug/L			07/08/22 18:33	2
Isopropylbenzene	ND		2.0	1.6	ug/L			07/08/22 18:33	2
Methyl acetate	ND		5.0	2.6	ug/L			07/08/22 18:33	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			07/08/22 18:33	2
Methylcyclohexane	ND		2.0	0.32	ug/L			07/08/22 18:33	2
Methylene Chloride	ND		2.0	0.88	ug/L			07/08/22 18:33	2
Styrene	ND		2.0	1.5	ug/L			07/08/22 18:33	2
Tetrachloroethene	ND		2.0	0.72	ug/L			07/08/22 18:33	2
Toluene	**1.3**	**J**	2.0	1.0	ug/L			07/08/22 18:33	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			07/08/22 18:33	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			07/08/22 18:33	2
Trichloroethene	**1.5**	**J**	2.0	0.92	ug/L			07/08/22 18:33	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			07/08/22 18:33	2
Vinyl chloride	**26**		2.0	1.8	ug/L			07/08/22 18:33	2
Xylenes, Total	ND		4.0	1.3	ug/L			07/08/22 18:33	2

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

Job ID: 480-199608-1

Client Sample ID: DPE-7

Date Collected: 07/07/22 13:00
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-5

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*07/08/22 18:33*	*2*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*07/08/22 18:33*	*2*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/08/22 18:33*	*2*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*07/08/22 18:33*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11.8		1.0	0.43	mg/L			07/11/22 22:45	1

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

Job ID: 480-199608-1

Client Sample ID: DPE-8
Date Collected: 07/07/22 13:20
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			07/08/22 18:57	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			07/08/22 18:57	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			07/08/22 18:57	100
1,1,2-Trichloroethane	ND		100	23	ug/L			07/08/22 18:57	100
1,1-Dichloroethane	**190**		100	38	ug/L			07/08/22 18:57	100
1,1-Dichloroethene	ND		100	29	ug/L			07/08/22 18:57	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			07/08/22 18:57	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			07/08/22 18:57	100
1,2-Dibromoethane	ND		100	73	ug/L			07/08/22 18:57	100
1,2-Dichlorobenzene	ND		100	79	ug/L			07/08/22 18:57	100
1,2-Dichloroethane	ND		100	21	ug/L			07/08/22 18:57	100
1,2-Dichloropropane	ND		100	72	ug/L			07/08/22 18:57	100
1,3-Dichlorobenzene	ND		100	78	ug/L			07/08/22 18:57	100
1,4-Dichlorobenzene	ND		100	84	ug/L			07/08/22 18:57	100
2-Butanone (MEK)	ND		1000	130	ug/L			07/08/22 18:57	100
2-Hexanone	ND		500	120	ug/L			07/08/22 18:57	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			07/08/22 18:57	100
Acetone	ND		1000	300	ug/L			07/08/22 18:57	100
Benzene	ND		100	41	ug/L			07/08/22 18:57	100
Bromodichloromethane	ND		100	39	ug/L			07/08/22 18:57	100
Bromoform	ND		100	26	ug/L			07/08/22 18:57	100
Bromomethane	ND		100	69	ug/L			07/08/22 18:57	100
Carbon disulfide	ND		100	19	ug/L			07/08/22 18:57	100
Carbon tetrachloride	ND		100	27	ug/L			07/08/22 18:57	100
Chlorobenzene	ND		100	75	ug/L			07/08/22 18:57	100
Chloroethane	ND		100	32	ug/L			07/08/22 18:57	100
Chloroform	ND		100	34	ug/L			07/08/22 18:57	100
Chloromethane	ND		100	35	ug/L			07/08/22 18:57	100
cis-1,2-Dichloroethene	**5600**		100	81	ug/L			07/08/22 18:57	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			07/08/22 18:57	100
Cyclohexane	ND		100	18	ug/L			07/08/22 18:57	100
Dibromochloromethane	ND		100	32	ug/L			07/08/22 18:57	100
Dichlorodifluoromethane	ND		100	68	ug/L			07/08/22 18:57	100
Ethylbenzene	ND		100	74	ug/L			07/08/22 18:57	100
Isopropylbenzene	ND		100	79	ug/L			07/08/22 18:57	100
Methyl acetate	ND		250	130	ug/L			07/08/22 18:57	100
Methyl tert-butyl ether	ND		100	16	ug/L			07/08/22 18:57	100
Methylcyclohexane	ND		100	16	ug/L			07/08/22 18:57	100
Methylene Chloride	ND		100	44	ug/L			07/08/22 18:57	100
Styrene	ND		100	73	ug/L			07/08/22 18:57	100
Tetrachloroethene	ND		100	36	ug/L			07/08/22 18:57	100
Toluene	ND		100	51	ug/L			07/08/22 18:57	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			07/08/22 18:57	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			07/08/22 18:57	100
Trichloroethene	ND		100	46	ug/L			07/08/22 18:57	100
Trichlorofluoromethane	ND		100	88	ug/L			07/08/22 18:57	100
Vinyl chloride	**3500**		100	90	ug/L			07/08/22 18:57	100
Xylenes, Total	ND		200	66	ug/L			07/08/22 18:57	100

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

Job ID: 480-199608-1

Client Sample ID: DPE-8

Date Collected: 07/07/22 13:20
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-6

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*07/08/22 18:57*	*100*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/08/22 18:57*	*100*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/08/22 18:57*	*100*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*07/08/22 18:57*	*100*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	18.3		1.0	0.43	mg/L			07/12/22 00:41	1

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

Job ID: 480-199608-1

Client Sample ID: GWCT
Date Collected: 07/07/22 11:05
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/22 19:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/22 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/22 19:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/22 19:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/22 19:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/22 19:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/22 19:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/22 19:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/22 19:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/22 19:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/22 19:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/22 19:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/22 19:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/22 19:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/22 19:20	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/22 19:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/22 19:20	1
Acetone	ND		10	3.0	ug/L			07/08/22 19:20	1
Benzene	ND		1.0	0.41	ug/L			07/08/22 19:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/22 19:20	1
Bromoform	ND		1.0	0.26	ug/L			07/08/22 19:20	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/22 19:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/22 19:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/22 19:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/22 19:20	1
Chloroethane	**29**		1.0	0.32	ug/L			07/08/22 19:20	1
Chloroform	ND		1.0	0.34	ug/L			07/08/22 19:20	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/22 19:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/22 19:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/22 19:20	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/22 19:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/22 19:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/22 19:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/22 19:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/22 19:20	1
Methyl acetate	ND		2.5	1.3	ug/L			07/08/22 19:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/22 19:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/22 19:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/22 19:20	1
Styrene	ND		1.0	0.73	ug/L			07/08/22 19:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/22 19:20	1
Toluene	ND		1.0	0.51	ug/L			07/08/22 19:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/22 19:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/22 19:20	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/22 19:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/22 19:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/22 19:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/22 19:20	1

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

Job ID: 480-199608-1

Client Sample ID: GWCT
Date Collected: 07/07/22 11:05
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		07/08/22 19:20	1
4-Bromofluorobenzene (Surr)	104		73 - 120		07/08/22 19:20	1
Toluene-d8 (Surr)	99		80 - 120		07/08/22 19:20	1
Dibromofluoromethane (Surr)	107		75 - 123		07/08/22 19:20	1

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

Job ID: 480-199608-1

Client Sample ID: Duplicate

Date Collected: 07/07/22 08:00
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/22 19:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/22 19:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/22 19:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/22 19:43	1
1,1-Dichloroethane	**0.60**	**J**	1.0	0.38	ug/L			07/08/22 19:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/22 19:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/22 19:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/22 19:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/22 19:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/22 19:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/22 19:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/22 19:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/22 19:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/22 19:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/22 19:43	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/22 19:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/22 19:43	1
Acetone	ND		10	3.0	ug/L			07/08/22 19:43	1
Benzene	ND		1.0	0.41	ug/L			07/08/22 19:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/22 19:43	1
Bromoform	ND		1.0	0.26	ug/L			07/08/22 19:43	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/22 19:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/22 19:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/22 19:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/22 19:43	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/22 19:43	1
Chloroform	ND		1.0	0.34	ug/L			07/08/22 19:43	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/22 19:43	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.81	ug/L			07/08/22 19:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/22 19:43	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/22 19:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/22 19:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/22 19:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/22 19:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/22 19:43	1
Methyl acetate	ND		2.5	1.3	ug/L			07/08/22 19:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/22 19:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/22 19:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/22 19:43	1
Styrene	ND		1.0	0.73	ug/L			07/08/22 19:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/22 19:43	1
Toluene	ND		1.0	0.51	ug/L			07/08/22 19:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/22 19:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/22 19:43	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/22 19:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/22 19:43	1
Vinyl chloride	**1.4**		1.0	0.90	ug/L			07/08/22 19:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/22 19:43	1

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

Job ID: 480-199608-1

Client Sample ID: Duplicate

Date Collected: 07/07/22 08:00
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-8

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		07/08/22 19:43	1
4-Bromofluorobenzene (Surr)	104		73 - 120		07/08/22 19:43	1
Toluene-d8 (Surr)	99		80 - 120		07/08/22 19:43	1
Dibromofluoromethane (Surr)	108		75 - 123		07/08/22 19:43	1

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

Job ID: 480-199608-1

Client Sample ID: TB
Date Collected: 07/02/22 06:30
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/22 20:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/22 20:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/22 20:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/22 20:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/08/22 20:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/22 20:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/22 20:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/22 20:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/22 20:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/22 20:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/22 20:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/22 20:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/22 20:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/22 20:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/22 20:06	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/22 20:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/22 20:06	1
Acetone	ND		10	3.0	ug/L			07/08/22 20:06	1
Benzene	ND		1.0	0.41	ug/L			07/08/22 20:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/22 20:06	1
Bromoform	ND		1.0	0.26	ug/L			07/08/22 20:06	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/22 20:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/22 20:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/22 20:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/22 20:06	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/22 20:06	1
Chloroform	ND		1.0	0.34	ug/L			07/08/22 20:06	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/22 20:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/22 20:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/22 20:06	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/22 20:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/22 20:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/22 20:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/22 20:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/22 20:06	1
Methyl acetate	ND		2.5	1.3	ug/L			07/08/22 20:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/22 20:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/22 20:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/22 20:06	1
Styrene	ND		1.0	0.73	ug/L			07/08/22 20:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/22 20:06	1
Toluene	ND		1.0	0.51	ug/L			07/08/22 20:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/22 20:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/22 20:06	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/22 20:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/22 20:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/22 20:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/22 20:06	1

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

Job ID: 480-199608-1

Client Sample ID: TB
Date Collected: 07/02/22 06:30
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		07/08/22 20:06	1
4-Bromofluorobenzene (Surr)	105		73 - 120		07/08/22 20:06	1
Toluene-d8 (Surr)	98		80 - 120		07/08/22 20:06	1
Dibromofluoromethane (Surr)	105		75 - 123		07/08/22 20:06	1

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

Job ID: 480-199608-1

Client Sample ID: MW-2
Date Collected: 07/07/22 11:55
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			07/08/22 20:30	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			07/08/22 20:30	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			07/08/22 20:30	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			07/08/22 20:30	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			07/08/22 20:30	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			07/08/22 20:30	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			07/08/22 20:30	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			07/08/22 20:30	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			07/08/22 20:30	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			07/08/22 20:30	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			07/08/22 20:30	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			07/08/22 20:30	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			07/08/22 20:30	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			07/08/22 20:30	2
2-Butanone (MEK)	ND		20	2.6	ug/L			07/08/22 20:30	2
2-Hexanone	ND		10	2.5	ug/L			07/08/22 20:30	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			07/08/22 20:30	2
Acetone	ND		20	6.0	ug/L			07/08/22 20:30	2
Benzene	ND		2.0	0.82	ug/L			07/08/22 20:30	2
Bromodichloromethane	ND		2.0	0.78	ug/L			07/08/22 20:30	2
Bromoform	ND		2.0	0.52	ug/L			07/08/22 20:30	2
Bromomethane	ND		2.0	1.4	ug/L			07/08/22 20:30	2
Carbon disulfide	ND		2.0	0.38	ug/L			07/08/22 20:30	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			07/08/22 20:30	2
Chlorobenzene	ND		2.0	1.5	ug/L			07/08/22 20:30	2
Chloroethane	ND		2.0	0.64	ug/L			07/08/22 20:30	2
Chloroform	ND		2.0	0.68	ug/L			07/08/22 20:30	2
Chloromethane	ND		2.0	0.70	ug/L			07/08/22 20:30	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			07/08/22 20:30	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			07/08/22 20:30	2
Cyclohexane	ND		2.0	0.36	ug/L			07/08/22 20:30	2
Dibromochloromethane	ND		2.0	0.64	ug/L			07/08/22 20:30	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			07/08/22 20:30	2
Ethylbenzene	ND		2.0	1.5	ug/L			07/08/22 20:30	2
Isopropylbenzene	ND		2.0	1.6	ug/L			07/08/22 20:30	2
Methyl acetate	ND		5.0	2.6	ug/L			07/08/22 20:30	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			07/08/22 20:30	2
Methylcyclohexane	ND		2.0	0.32	ug/L			07/08/22 20:30	2
Methylene Chloride	ND		2.0	0.88	ug/L			07/08/22 20:30	2
Styrene	ND		2.0	1.5	ug/L			07/08/22 20:30	2
Tetrachloroethene	ND		2.0	0.72	ug/L			07/08/22 20:30	2
Toluene	ND		2.0	1.0	ug/L			07/08/22 20:30	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			07/08/22 20:30	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			07/08/22 20:30	2
Trichloroethene	ND		2.0	0.92	ug/L			07/08/22 20:30	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			07/08/22 20:30	2
Vinyl chloride	ND		2.0	1.8	ug/L			07/08/22 20:30	2
Xylenes, Total	ND		4.0	1.3	ug/L			07/08/22 20:30	2

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

Job ID: 480-199608-1

Client Sample ID: MW-2
Date Collected: 07/07/22 11:55
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-10
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*07/08/22 20:30*	*2*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/08/22 20:30*	*2*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/08/22 20:30*	*2*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/08/22 20:30*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	21.3		1.0	0.43	mg/L			07/12/22 01:39	1

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

Job ID: 480-199608-1

Client Sample ID: MW-3
Date Collected: 07/07/22 13:15
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/22 20:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/22 20:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/22 20:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/22 20:53	1
1,1-Dichloroethane	**11**		1.0	0.38	ug/L			07/08/22 20:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/22 20:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/22 20:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/22 20:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/22 20:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/22 20:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/22 20:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/22 20:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/22 20:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/22 20:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/22 20:53	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/22 20:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/22 20:53	1
Acetone	ND		10	3.0	ug/L			07/08/22 20:53	1
Benzene	ND		1.0	0.41	ug/L			07/08/22 20:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/22 20:53	1
Bromoform	ND		1.0	0.26	ug/L			07/08/22 20:53	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/22 20:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/22 20:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/22 20:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/22 20:53	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/22 20:53	1
Chloroform	ND		1.0	0.34	ug/L			07/08/22 20:53	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/22 20:53	1
cis-1,2-Dichloroethene	**2.0**		1.0	0.81	ug/L			07/08/22 20:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/22 20:53	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/22 20:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/22 20:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/22 20:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/22 20:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/22 20:53	1
Methyl acetate	ND		2.5	1.3	ug/L			07/08/22 20:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/22 20:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/22 20:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/22 20:53	1
Styrene	ND		1.0	0.73	ug/L			07/08/22 20:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/22 20:53	1
Toluene	ND		1.0	0.51	ug/L			07/08/22 20:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/22 20:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/22 20:53	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/22 20:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/22 20:53	1
Vinyl chloride	**6.7**		1.0	0.90	ug/L			07/08/22 20:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/22 20:53	1

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

Job ID: 480-199608-1

Client Sample ID: MW-3
Date Collected: 07/07/22 13:15
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-11
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*07/08/22 20:53*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/08/22 20:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/08/22 20:53*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/08/22 20:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.9		1.0	0.43	mg/L			07/12/22 02:08	1

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

Job ID: 480-199608-1

Client Sample ID: MW-11
Date Collected: 07/07/22 10:35
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/22 21:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/22 21:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/22 21:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/22 21:17	1
1,1-Dichloroethane	**0.59**	**J**	1.0	0.38	ug/L			07/08/22 21:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/22 21:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/22 21:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/22 21:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/22 21:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/22 21:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/22 21:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/22 21:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/22 21:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/22 21:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/22 21:17	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/22 21:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/22 21:17	1
Acetone	ND		10	3.0	ug/L			07/08/22 21:17	1
Benzene	ND		1.0	0.41	ug/L			07/08/22 21:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/22 21:17	1
Bromoform	ND		1.0	0.26	ug/L			07/08/22 21:17	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/22 21:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/22 21:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/22 21:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/22 21:17	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/22 21:17	1
Chloroform	ND		1.0	0.34	ug/L			07/08/22 21:17	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/22 21:17	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.81	ug/L			07/08/22 21:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/22 21:17	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/22 21:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/22 21:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/22 21:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/22 21:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/22 21:17	1
Methyl acetate	ND		2.5	1.3	ug/L			07/08/22 21:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/22 21:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/22 21:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/22 21:17	1
Styrene	ND		1.0	0.73	ug/L			07/08/22 21:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/22 21:17	1
Toluene	ND		1.0	0.51	ug/L			07/08/22 21:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/22 21:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/22 21:17	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/22 21:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/22 21:17	1
Vinyl chloride	**1.3**		1.0	0.90	ug/L			07/08/22 21:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/22 21:17	1

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

Job ID: 480-199608-1

Client Sample ID: MW-11

Date Collected: 07/07/22 10:35
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-12

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*07/08/22 21:17*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*07/08/22 21:17*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/08/22 21:17*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/08/22 21:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.9		1.0	0.43	mg/L			07/12/22 02:38	1

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

Job ID: 480-199608-1

Client Sample ID: MW-13S

Date Collected: 07/07/22 14:50
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/11/22 17:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/11/22 17:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/11/22 17:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/11/22 17:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/11/22 17:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/11/22 17:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/11/22 17:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/11/22 17:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/11/22 17:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/11/22 17:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/11/22 17:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/11/22 17:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/11/22 17:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/11/22 17:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/11/22 17:56	1
2-Hexanone	ND		5.0	1.2	ug/L			07/11/22 17:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/11/22 17:56	1
Acetone	ND		10	3.0	ug/L			07/11/22 17:56	1
Benzene	ND		1.0	0.41	ug/L			07/11/22 17:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/11/22 17:56	1
Bromoform	ND		1.0	0.26	ug/L			07/11/22 17:56	1
Bromomethane	ND		1.0	0.69	ug/L			07/11/22 17:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/11/22 17:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/11/22 17:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/11/22 17:56	1
Chloroethane	**2.0**		1.0	0.32	ug/L			07/11/22 17:56	1
Chloroform	ND		1.0	0.34	ug/L			07/11/22 17:56	1
Chloromethane	ND		1.0	0.35	ug/L			07/11/22 17:56	1
cis-1,2-Dichloroethene	**5.2**		1.0	0.81	ug/L			07/11/22 17:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/11/22 17:56	1
Cyclohexane	ND		1.0	0.18	ug/L			07/11/22 17:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/11/22 17:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/11/22 17:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/11/22 17:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/11/22 17:56	1
Methyl acetate	ND		2.5	1.3	ug/L			07/11/22 17:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/11/22 17:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/11/22 17:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/11/22 17:56	1
Styrene	ND		1.0	0.73	ug/L			07/11/22 17:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/11/22 17:56	1
Toluene	ND		1.0	0.51	ug/L			07/11/22 17:56	1
trans-1,2-Dichloroethene	**1.9**		1.0	0.90	ug/L			07/11/22 17:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/11/22 17:56	1
Trichloroethene	**2.2**		1.0	0.46	ug/L			07/11/22 17:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/11/22 17:56	1
Vinyl chloride	**14**		1.0	0.90	ug/L			07/11/22 17:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/11/22 17:56	1

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

Job ID: 480-199608-1

Client Sample ID: MW-13S

Date Collected: 07/07/22 14:50
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-13

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*07/11/22 17:56*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/11/22 17:56*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/11/22 17:56*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/11/22 17:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.4		1.0	0.43	mg/L			07/12/22 03:08	1

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

Job ID: 480-199608-1

Client Sample ID: MW-13D
Date Collected: 07/07/22 14:25
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/11/22 13:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/11/22 13:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/11/22 13:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/11/22 13:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/11/22 13:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/11/22 13:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/11/22 13:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/11/22 13:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/11/22 13:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/11/22 13:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/11/22 13:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/11/22 13:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/11/22 13:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/11/22 13:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/11/22 13:05	1
2-Hexanone	ND		5.0	1.2	ug/L			07/11/22 13:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/11/22 13:05	1
Acetone	ND		10	3.0	ug/L			07/11/22 13:05	1
Benzene	ND		1.0	0.41	ug/L			07/11/22 13:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/11/22 13:05	1
Bromoform	ND		1.0	0.26	ug/L			07/11/22 13:05	1
Bromomethane	ND		1.0	0.69	ug/L			07/11/22 13:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/11/22 13:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/11/22 13:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/11/22 13:05	1
Chloroethane	**7.8**		1.0	0.32	ug/L			07/11/22 13:05	1
Chloroform	ND		1.0	0.34	ug/L			07/11/22 13:05	1
Chloromethane	ND		1.0	0.35	ug/L			07/11/22 13:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/11/22 13:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/11/22 13:05	1
Cyclohexane	ND		1.0	0.18	ug/L			07/11/22 13:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/11/22 13:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/11/22 13:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/11/22 13:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/11/22 13:05	1
Methyl acetate	ND		2.5	1.3	ug/L			07/11/22 13:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/11/22 13:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/11/22 13:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/11/22 13:05	1
Styrene	ND		1.0	0.73	ug/L			07/11/22 13:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/11/22 13:05	1
Toluene	ND		1.0	0.51	ug/L			07/11/22 13:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/11/22 13:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/11/22 13:05	1
Trichloroethene	ND		1.0	0.46	ug/L			07/11/22 13:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/11/22 13:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/11/22 13:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/11/22 13:05	1

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

Job ID: 480-199608-1

Client Sample ID: MW-13D

Date Collected: 07/07/22 14:25
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-14

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*07/11/22 13:05*	*1*
4-Bromofluorobenzene (Surr)	*118*		*73 - 120*		*07/11/22 13:05*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/11/22 13:05*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*07/11/22 13:05*	*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			07/12/22 03:37	1

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

Job ID: 480-199608-1

Client Sample ID: DPE-1
Date Collected: 07/07/22 11:30
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			07/11/22 13:27	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			07/11/22 13:27	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			07/11/22 13:27	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			07/11/22 13:27	8
1,1-Dichloroethane	**17**		8.0	3.0	ug/L			07/11/22 13:27	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			07/11/22 13:27	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			07/11/22 13:27	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			07/11/22 13:27	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			07/11/22 13:27	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			07/11/22 13:27	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			07/11/22 13:27	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			07/11/22 13:27	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			07/11/22 13:27	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			07/11/22 13:27	8
2-Butanone (MEK)	**37**	**J**	80	11	ug/L			07/11/22 13:27	8
2-Hexanone	ND		40	9.9	ug/L			07/11/22 13:27	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			07/11/22 13:27	8
Acetone	**110**		80	24	ug/L			07/11/22 13:27	8
Benzene	ND		8.0	3.3	ug/L			07/11/22 13:27	8
Bromodichloromethane	ND		8.0	3.1	ug/L			07/11/22 13:27	8
Bromoform	ND		8.0	2.1	ug/L			07/11/22 13:27	8
Bromomethane	ND		8.0	5.5	ug/L			07/11/22 13:27	8
Carbon disulfide	ND		8.0	1.5	ug/L			07/11/22 13:27	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			07/11/22 13:27	8
Chlorobenzene	ND		8.0	6.0	ug/L			07/11/22 13:27	8
Chloroethane	**4.6**	**J**	8.0	2.6	ug/L			07/11/22 13:27	8
Chloroform	ND		8.0	2.7	ug/L			07/11/22 13:27	8
Chloromethane	ND		8.0	2.8	ug/L			07/11/22 13:27	8
cis-1,2-Dichloroethene	**23**		8.0	6.5	ug/L			07/11/22 13:27	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			07/11/22 13:27	8
Cyclohexane	ND		8.0	1.4	ug/L			07/11/22 13:27	8
Dibromochloromethane	ND		8.0	2.6	ug/L			07/11/22 13:27	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			07/11/22 13:27	8
Ethylbenzene	ND		8.0	5.9	ug/L			07/11/22 13:27	8
Isopropylbenzene	ND		8.0	6.3	ug/L			07/11/22 13:27	8
Methyl acetate	ND		20	10	ug/L			07/11/22 13:27	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			07/11/22 13:27	8
Methylcyclohexane	ND		8.0	1.3	ug/L			07/11/22 13:27	8
Methylene Chloride	ND		8.0	3.5	ug/L			07/11/22 13:27	8
Styrene	ND		8.0	5.8	ug/L			07/11/22 13:27	8
Tetrachloroethene	ND		8.0	2.9	ug/L			07/11/22 13:27	8
Toluene	**4.4**	**J**	8.0	4.1	ug/L			07/11/22 13:27	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			07/11/22 13:27	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			07/11/22 13:27	8
Trichloroethene	ND		8.0	3.7	ug/L			07/11/22 13:27	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			07/11/22 13:27	8
Vinyl chloride	ND		8.0	7.2	ug/L			07/11/22 13:27	8
Xylenes, Total	ND		16	5.3	ug/L			07/11/22 13:27	8

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

Job ID: 480-199608-1

Client Sample ID: DPE-1

Date Collected: 07/07/22 11:30
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-15

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*07/11/22 13:27*	*8*
4-Bromofluorobenzene (Surr)	*117*		*73 - 120*		*07/11/22 13:27*	*8*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/11/22 13:27*	*8*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*07/11/22 13:27*	*8*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	196		20.0	8.7	mg/L			07/12/22 04:06	20

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

Job ID: 480-199608-1

Client Sample ID: DPE-2
Date Collected: 07/07/22 12:00
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/11/22 13:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/11/22 13:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/11/22 13:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/11/22 13:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/11/22 13:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/11/22 13:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/11/22 13:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/11/22 13:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/11/22 13:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/11/22 13:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/11/22 13:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/11/22 13:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/11/22 13:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/11/22 13:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/11/22 13:49	1
2-Hexanone	ND		5.0	1.2	ug/L			07/11/22 13:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/11/22 13:49	1
Acetone	ND		10	3.0	ug/L			07/11/22 13:49	1
Benzene	ND		1.0	0.41	ug/L			07/11/22 13:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/11/22 13:49	1
Bromoform	ND		1.0	0.26	ug/L			07/11/22 13:49	1
Bromomethane	ND		1.0	0.69	ug/L			07/11/22 13:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/11/22 13:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/11/22 13:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/11/22 13:49	1
Chloroethane	ND		1.0	0.32	ug/L			07/11/22 13:49	1
Chloroform	ND		1.0	0.34	ug/L			07/11/22 13:49	1
Chloromethane	ND		1.0	0.35	ug/L			07/11/22 13:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/11/22 13:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/11/22 13:49	1
Cyclohexane	ND		1.0	0.18	ug/L			07/11/22 13:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/11/22 13:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/11/22 13:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/11/22 13:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/11/22 13:49	1
Methyl acetate	ND		2.5	1.3	ug/L			07/11/22 13:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/11/22 13:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/11/22 13:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/11/22 13:49	1
Styrene	ND		1.0	0.73	ug/L			07/11/22 13:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/11/22 13:49	1
Toluene	ND		1.0	0.51	ug/L			07/11/22 13:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/11/22 13:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/11/22 13:49	1
Trichloroethene	ND		1.0	0.46	ug/L			07/11/22 13:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/11/22 13:49	1
Vinyl chloride	**2.5**		1.0	0.90	ug/L			07/11/22 13:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/11/22 13:49	1

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

Job ID: 480-199608-1

Client Sample ID: DPE-2

Date Collected: 07/07/22 12:00
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-16

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*07/11/22 13:49*	*1*
4-Bromofluorobenzene (Surr)	*120*		*73 - 120*		*07/11/22 13:49*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/11/22 13:49*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*07/11/22 13:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	6.6		1.0	0.43	mg/L			07/12/22 04:35	1

Client Sample ID: MW-16S
Date Collected: 07/08/22 12:30
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2000	1600	ug/L			07/11/22 13:28	2000
1,1,2,2-Tetrachloroethane	ND		2000	420	ug/L			07/11/22 13:28	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620	ug/L			07/11/22 13:28	2000
1,1,2-Trichloroethane	ND		2000	460	ug/L			07/11/22 13:28	2000
1,1-Dichloroethane	ND		2000	760	ug/L			07/11/22 13:28	2000
1,1-Dichloroethene	ND		2000	580	ug/L			07/11/22 13:28	2000
1,2,4-Trichlorobenzene	ND		2000	820	ug/L			07/11/22 13:28	2000
1,2-Dibromo-3-Chloropropane	ND		2000	780	ug/L			07/11/22 13:28	2000
1,2-Dibromoethane	ND		2000	1500	ug/L			07/11/22 13:28	2000
1,2-Dichlorobenzene	ND		2000	1600	ug/L			07/11/22 13:28	2000
1,2-Dichloroethane	ND		2000	420	ug/L			07/11/22 13:28	2000
1,2-Dichloropropane	ND		2000	1400	ug/L			07/11/22 13:28	2000
1,3-Dichlorobenzene	ND		2000	1600	ug/L			07/11/22 13:28	2000
1,4-Dichlorobenzene	ND		2000	1700	ug/L			07/11/22 13:28	2000
2-Butanone (MEK)	ND		20000	2600	ug/L			07/11/22 13:28	2000
2-Hexanone	ND		10000	2500	ug/L			07/11/22 13:28	2000
4-Methyl-2-pentanone (MIBK)	ND		10000	4200	ug/L			07/11/22 13:28	2000
Acetone	ND		20000	6000	ug/L			07/11/22 13:28	2000
Benzene	ND		2000	820	ug/L			07/11/22 13:28	2000
Bromodichloromethane	ND		2000	780	ug/L			07/11/22 13:28	2000
Bromoform	ND		2000	520	ug/L			07/11/22 13:28	2000
Bromomethane	ND		2000	1400	ug/L			07/11/22 13:28	2000
Carbon disulfide	ND		2000	380	ug/L			07/11/22 13:28	2000
Carbon tetrachloride	ND		2000	540	ug/L			07/11/22 13:28	2000
Chlorobenzene	ND		2000	1500	ug/L			07/11/22 13:28	2000
Chloroethane	**1700**	**J**	2000	640	ug/L			07/11/22 13:28	2000
Chloroform	ND		2000	680	ug/L			07/11/22 13:28	2000
Chloromethane	ND		2000	700	ug/L			07/11/22 13:28	2000
cis-1,2-Dichloroethene	**79000**		2000	1600	ug/L			07/11/22 13:28	2000
cis-1,3-Dichloropropene	ND		2000	720	ug/L			07/11/22 13:28	2000
Cyclohexane	ND		2000	360	ug/L			07/11/22 13:28	2000
Dibromochloromethane	ND		2000	640	ug/L			07/11/22 13:28	2000
Dichlorodifluoromethane	ND		2000	1400	ug/L			07/11/22 13:28	2000
Ethylbenzene	ND		2000	1500	ug/L			07/11/22 13:28	2000
Isopropylbenzene	ND		2000	1600	ug/L			07/11/22 13:28	2000
Methyl acetate	ND		5000	2600	ug/L			07/11/22 13:28	2000
Methyl tert-butyl ether	ND		2000	320	ug/L			07/11/22 13:28	2000
Methylcyclohexane	ND		2000	320	ug/L			07/11/22 13:28	2000
Methylene Chloride	ND		2000	880	ug/L			07/11/22 13:28	2000
Styrene	ND		2000	1500	ug/L			07/11/22 13:28	2000
Tetrachloroethene	ND		2000	720	ug/L			07/11/22 13:28	2000
Toluene	ND		2000	1000	ug/L			07/11/22 13:28	2000
trans-1,2-Dichloroethene	ND		2000	1800	ug/L			07/11/22 13:28	2000
trans-1,3-Dichloropropene	ND		2000	740	ug/L			07/11/22 13:28	2000
Trichloroethene	ND		2000	920	ug/L			07/11/22 13:28	2000
Trichlorofluoromethane	ND		2000	1800	ug/L			07/11/22 13:28	2000
Vinyl chloride	**100000**		2000	1800	ug/L			07/11/22 13:28	2000
Xylenes, Total	ND		4000	1300	ug/L			07/11/22 13:28	2000

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

Job ID: 480-199608-1

Client Sample ID: MW-16S

Date Collected: 07/08/22 12:30
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-1

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/11/22 13:28*	*2000*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*07/11/22 13:28*	*2000*
Toluene-d8 (Surr)	*107*		*80 - 120*		*07/11/22 13:28*	*2000*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/11/22 13:28*	*2000*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	195		5.0	2.2	mg/L			07/12/22 13:44	5

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

Job ID: 480-199608-1

Client Sample ID: MW-16D
Date Collected: 07/08/22 09:00
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/11/22 13:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/11/22 13:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/11/22 13:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/11/22 13:51	1
1,1-Dichloroethane	**0.88**	**J**	1.0	0.38	ug/L			07/11/22 13:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/11/22 13:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/11/22 13:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/11/22 13:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/11/22 13:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/11/22 13:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/11/22 13:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/11/22 13:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/11/22 13:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/11/22 13:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/11/22 13:51	1
2-Hexanone	ND		5.0	1.2	ug/L			07/11/22 13:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/11/22 13:51	1
Acetone	ND		10	3.0	ug/L			07/11/22 13:51	1
Benzene	ND		1.0	0.41	ug/L			07/11/22 13:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/11/22 13:51	1
Bromoform	ND		1.0	0.26	ug/L			07/11/22 13:51	1
Bromomethane	ND		1.0	0.69	ug/L			07/11/22 13:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/11/22 13:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/11/22 13:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/11/22 13:51	1
Chloroethane	**130**	**E**	1.0	0.32	ug/L			07/11/22 13:51	1
Chloroform	ND		1.0	0.34	ug/L			07/11/22 13:51	1
Chloromethane	ND		1.0	0.35	ug/L			07/11/22 13:51	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.81	ug/L			07/11/22 13:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/11/22 13:51	1
Cyclohexane	ND		1.0	0.18	ug/L			07/11/22 13:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/11/22 13:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/11/22 13:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/11/22 13:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/11/22 13:51	1
Methyl acetate	ND		2.5	1.3	ug/L			07/11/22 13:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/11/22 13:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/11/22 13:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/11/22 13:51	1
Styrene	ND		1.0	0.73	ug/L			07/11/22 13:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/11/22 13:51	1
Toluene	ND		1.0	0.51	ug/L			07/11/22 13:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/11/22 13:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/11/22 13:51	1
Trichloroethene	ND		1.0	0.46	ug/L			07/11/22 13:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/11/22 13:51	1
Vinyl chloride	**1.8**		1.0	0.90	ug/L			07/11/22 13:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/11/22 13:51	1

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

Job ID: 480-199608-1

Client Sample ID: MW-16D

Date Collected: 07/08/22 09:00
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-2

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/11/22 13:51*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*07/11/22 13:51*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*07/11/22 13:51*	*1*
Dibromofluoromethane (Surr)	*113*		*75 - 123*		*07/11/22 13:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			07/12/22 14:31	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			07/12/22 14:31	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			07/12/22 14:31	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			07/12/22 14:31	2
1,1-Dichloroethane	**0.89**	**J**	2.0	0.76	ug/L			07/12/22 14:31	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			07/12/22 14:31	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			07/12/22 14:31	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			07/12/22 14:31	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			07/12/22 14:31	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			07/12/22 14:31	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			07/12/22 14:31	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			07/12/22 14:31	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			07/12/22 14:31	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			07/12/22 14:31	2
2-Butanone (MEK)	ND	*+	20	2.6	ug/L			07/12/22 14:31	2
2-Hexanone	ND		10	2.5	ug/L			07/12/22 14:31	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			07/12/22 14:31	2
Acetone	ND		20	6.0	ug/L			07/12/22 14:31	2
Benzene	ND		2.0	0.82	ug/L			07/12/22 14:31	2
Bromodichloromethane	ND		2.0	0.78	ug/L			07/12/22 14:31	2
Bromoform	ND		2.0	0.52	ug/L			07/12/22 14:31	2
Bromomethane	ND		2.0	1.4	ug/L			07/12/22 14:31	2
Carbon disulfide	ND		2.0	0.38	ug/L			07/12/22 14:31	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			07/12/22 14:31	2
Chlorobenzene	ND		2.0	1.5	ug/L			07/12/22 14:31	2
Chloroethane	**110**		2.0	0.64	ug/L			07/12/22 14:31	2
Chloroform	ND		2.0	0.68	ug/L			07/12/22 14:31	2
Chloromethane	ND		2.0	0.70	ug/L			07/12/22 14:31	2
cis-1,2-Dichloroethene	**3.3**		2.0	1.6	ug/L			07/12/22 14:31	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			07/12/22 14:31	2
Cyclohexane	ND		2.0	0.36	ug/L			07/12/22 14:31	2
Dibromochloromethane	ND		2.0	0.64	ug/L			07/12/22 14:31	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			07/12/22 14:31	2
Ethylbenzene	ND		2.0	1.5	ug/L			07/12/22 14:31	2
Isopropylbenzene	ND		2.0	1.6	ug/L			07/12/22 14:31	2
Methyl acetate	ND		5.0	2.6	ug/L			07/12/22 14:31	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			07/12/22 14:31	2
Methylcyclohexane	ND		2.0	0.32	ug/L			07/12/22 14:31	2
Methylene Chloride	ND		2.0	0.88	ug/L			07/12/22 14:31	2
Styrene	ND		2.0	1.5	ug/L			07/12/22 14:31	2
Tetrachloroethene	ND		2.0	0.72	ug/L			07/12/22 14:31	2
Toluene	ND		2.0	1.0	ug/L			07/12/22 14:31	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			07/12/22 14:31	2

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

Job ID: 480-199608-1

Client Sample ID: MW-16D
Date Collected: 07/08/22 09:00
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			07/12/22 14:31	2
Trichloroethene	ND		2.0	0.92	ug/L			07/12/22 14:31	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			07/12/22 14:31	2
Vinyl chloride	ND		2.0	1.8	ug/L			07/12/22 14:31	2
Xylenes, Total	ND		4.0	1.3	ug/L			07/12/22 14:31	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*07/12/22 14:31*	*2*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/12/22 14:31*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/12/22 14:31*	*2*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*07/12/22 14:31*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**4.9**		1.0	0.43	mg/L			07/12/22 14:14	1

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

Job ID: 480-199608-1

Client Sample ID: MW-8R
Date Collected: 07/08/22 09:45
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			07/11/22 14:14	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			07/11/22 14:14	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			07/11/22 14:14	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			07/11/22 14:14	8
1,1-Dichloroethane	**5.1**	**J**	8.0	3.0	ug/L			07/11/22 14:14	8
1,1-Dichloroethene	**14**		8.0	2.3	ug/L			07/11/22 14:14	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			07/11/22 14:14	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			07/11/22 14:14	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			07/11/22 14:14	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			07/11/22 14:14	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			07/11/22 14:14	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			07/11/22 14:14	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			07/11/22 14:14	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			07/11/22 14:14	8
2-Butanone (MEK)	ND		80	11	ug/L			07/11/22 14:14	8
2-Hexanone	ND		40	9.9	ug/L			07/11/22 14:14	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			07/11/22 14:14	8
Acetone	ND		80	24	ug/L			07/11/22 14:14	8
Benzene	ND		8.0	3.3	ug/L			07/11/22 14:14	8
Bromodichloromethane	ND		8.0	3.1	ug/L			07/11/22 14:14	8
Bromoform	ND		8.0	2.1	ug/L			07/11/22 14:14	8
Bromomethane	ND		8.0	5.5	ug/L			07/11/22 14:14	8
Carbon disulfide	ND		8.0	1.5	ug/L			07/11/22 14:14	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			07/11/22 14:14	8
Chlorobenzene	ND		8.0	6.0	ug/L			07/11/22 14:14	8
Chloroethane	**42**		8.0	2.6	ug/L			07/11/22 14:14	8
Chloroform	ND		8.0	2.7	ug/L			07/11/22 14:14	8
Chloromethane	ND		8.0	2.8	ug/L			07/11/22 14:14	8
cis-1,2-Dichloroethene	**63**		8.0	6.5	ug/L			07/11/22 14:14	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			07/11/22 14:14	8
Cyclohexane	ND		8.0	1.4	ug/L			07/11/22 14:14	8
Dibromochloromethane	ND		8.0	2.6	ug/L			07/11/22 14:14	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			07/11/22 14:14	8
Ethylbenzene	ND		8.0	5.9	ug/L			07/11/22 14:14	8
Isopropylbenzene	ND		8.0	6.3	ug/L			07/11/22 14:14	8
Methyl acetate	ND		20	10	ug/L			07/11/22 14:14	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			07/11/22 14:14	8
Methylcyclohexane	ND		8.0	1.3	ug/L			07/11/22 14:14	8
Methylene Chloride	ND		8.0	3.5	ug/L			07/11/22 14:14	8
Styrene	ND		8.0	5.8	ug/L			07/11/22 14:14	8
Tetrachloroethene	ND		8.0	2.9	ug/L			07/11/22 14:14	8
Toluene	**13**		8.0	4.1	ug/L			07/11/22 14:14	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			07/11/22 14:14	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			07/11/22 14:14	8
Trichloroethene	**5.5**	**J**	8.0	3.7	ug/L			07/11/22 14:14	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			07/11/22 14:14	8
Vinyl chloride	**7900**	**E**	8.0	7.2	ug/L			07/11/22 14:14	8
Xylenes, Total	ND		16	5.3	ug/L			07/11/22 14:14	8

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

Job ID: 480-199608-1

Client Sample ID: MW-8R

Date Collected: 07/08/22 09:45
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-3

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*07/11/22 14:14*	*8*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*07/11/22 14:14*	*8*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/11/22 14:14*	*8*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*07/11/22 14:14*	*8*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			07/12/22 14:55	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			07/12/22 14:55	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			07/12/22 14:55	200
1,1,2-Trichloroethane	ND		200	46	ug/L			07/12/22 14:55	200
1,1-Dichloroethane	ND		200	76	ug/L			07/12/22 14:55	200
1,1-Dichloroethene	ND		200	58	ug/L			07/12/22 14:55	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			07/12/22 14:55	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			07/12/22 14:55	200
1,2-Dibromoethane	ND		200	150	ug/L			07/12/22 14:55	200
1,2-Dichlorobenzene	ND		200	160	ug/L			07/12/22 14:55	200
1,2-Dichloroethane	ND		200	42	ug/L			07/12/22 14:55	200
1,2-Dichloropropane	ND		200	140	ug/L			07/12/22 14:55	200
1,3-Dichlorobenzene	ND		200	160	ug/L			07/12/22 14:55	200
1,4-Dichlorobenzene	ND		200	170	ug/L			07/12/22 14:55	200
2-Butanone (MEK)	ND	*+	2000	260	ug/L			07/12/22 14:55	200
2-Hexanone	ND		1000	250	ug/L			07/12/22 14:55	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			07/12/22 14:55	200
Acetone	ND		2000	600	ug/L			07/12/22 14:55	200
Benzene	ND		200	82	ug/L			07/12/22 14:55	200
Bromodichloromethane	ND		200	78	ug/L			07/12/22 14:55	200
Bromoform	ND		200	52	ug/L			07/12/22 14:55	200
Bromomethane	ND		200	140	ug/L			07/12/22 14:55	200
Carbon disulfide	ND		200	38	ug/L			07/12/22 14:55	200
Carbon tetrachloride	ND		200	54	ug/L			07/12/22 14:55	200
Chlorobenzene	ND		200	150	ug/L			07/12/22 14:55	200
Chloroethane	ND		200	64	ug/L			07/12/22 14:55	200
Chloroform	ND		200	68	ug/L			07/12/22 14:55	200
Chloromethane	ND		200	70	ug/L			07/12/22 14:55	200
cis-1,2-Dichloroethene	ND		200	160	ug/L			07/12/22 14:55	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			07/12/22 14:55	200
Cyclohexane	ND		200	36	ug/L			07/12/22 14:55	200
Dibromochloromethane	ND		200	64	ug/L			07/12/22 14:55	200
Dichlorodifluoromethane	ND		200	140	ug/L			07/12/22 14:55	200
Ethylbenzene	ND		200	150	ug/L			07/12/22 14:55	200
Isopropylbenzene	ND		200	160	ug/L			07/12/22 14:55	200
Methyl acetate	ND		500	260	ug/L			07/12/22 14:55	200
Methyl tert-butyl ether	ND		200	32	ug/L			07/12/22 14:55	200
Methylcyclohexane	ND		200	32	ug/L			07/12/22 14:55	200
Methylene Chloride	ND		200	88	ug/L			07/12/22 14:55	200
Styrene	ND		200	150	ug/L			07/12/22 14:55	200
Tetrachloroethene	ND		200	72	ug/L			07/12/22 14:55	200
Toluene	ND		200	100	ug/L			07/12/22 14:55	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			07/12/22 14:55	200

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

Job ID: 480-199608-1

Client Sample ID: MW-8R
Date Collected: 07/08/22 09:45
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		200	74	ug/L			07/12/22 14:55	200
Trichloroethene	ND		200	92	ug/L			07/12/22 14:55	200
Trichlorofluoromethane	ND		200	180	ug/L			07/12/22 14:55	200
Vinyl chloride	**6000**		200	180	ug/L			07/12/22 14:55	200
Xylenes, Total	ND		400	130	ug/L			07/12/22 14:55	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/12/22 14:55*	*200*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/12/22 14:55*	*200*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/12/22 14:55*	*200*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*07/12/22 14:55*	*200*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**21.6**		1.0	0.43	mg/L			07/12/22 14:43	1

Client Sample ID: MW-4
Date Collected: 07/08/22 10:20
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			07/12/22 15:18	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			07/12/22 15:18	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			07/12/22 15:18	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			07/12/22 15:18	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			07/12/22 15:18	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			07/12/22 15:18	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			07/12/22 15:18	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			07/12/22 15:18	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			07/12/22 15:18	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			07/12/22 15:18	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			07/12/22 15:18	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			07/12/22 15:18	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			07/12/22 15:18	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			07/12/22 15:18	4
2-Butanone (MEK)	ND	*+	40	5.3	ug/L			07/12/22 15:18	4
2-Hexanone	ND		20	5.0	ug/L			07/12/22 15:18	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			07/12/22 15:18	4
Acetone	ND		40	12	ug/L			07/12/22 15:18	4
Benzene	ND		4.0	1.6	ug/L			07/12/22 15:18	4
Bromodichloromethane	ND		4.0	1.6	ug/L			07/12/22 15:18	4
Bromoform	ND		4.0	1.0	ug/L			07/12/22 15:18	4
Bromomethane	ND		4.0	2.8	ug/L			07/12/22 15:18	4
Carbon disulfide	ND		4.0	0.76	ug/L			07/12/22 15:18	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			07/12/22 15:18	4
Chlorobenzene	ND		4.0	3.0	ug/L			07/12/22 15:18	4
Chloroethane	**66**		4.0	1.3	ug/L			07/12/22 15:18	4
Chloroform	ND		4.0	1.4	ug/L			07/12/22 15:18	4
Chloromethane	ND		4.0	1.4	ug/L			07/12/22 15:18	4
cis-1,2-Dichloroethene	**3.7**	**J**	4.0	3.2	ug/L			07/12/22 15:18	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			07/12/22 15:18	4
Cyclohexane	ND		4.0	0.72	ug/L			07/12/22 15:18	4
Dibromochloromethane	ND		4.0	1.3	ug/L			07/12/22 15:18	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			07/12/22 15:18	4
Ethylbenzene	ND		4.0	3.0	ug/L			07/12/22 15:18	4
Isopropylbenzene	ND		4.0	3.2	ug/L			07/12/22 15:18	4
Methyl acetate	ND		10	5.2	ug/L			07/12/22 15:18	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			07/12/22 15:18	4
Methylcyclohexane	ND		4.0	0.64	ug/L			07/12/22 15:18	4
Methylene Chloride	ND		4.0	1.8	ug/L			07/12/22 15:18	4
Styrene	ND		4.0	2.9	ug/L			07/12/22 15:18	4
Tetrachloroethene	ND		4.0	1.4	ug/L			07/12/22 15:18	4
Toluene	**2.5**	**J**	4.0	2.0	ug/L			07/12/22 15:18	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			07/12/22 15:18	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			07/12/22 15:18	4
Trichloroethene	ND		4.0	1.8	ug/L			07/12/22 15:18	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			07/12/22 15:18	4
Vinyl chloride	ND		4.0	3.6	ug/L			07/12/22 15:18	4
Xylenes, Total	ND		8.0	2.6	ug/L			07/12/22 15:18	4

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

Job ID: 480-199608-1

Client Sample ID: MW-4
Date Collected: 07/08/22 10:20
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-4
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*07/12/22 15:18*	*4*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/12/22 15:18*	*4*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/12/22 15:18*	*4*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*07/12/22 15:18*	*4*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	12.5		1.0	0.43	mg/L			07/12/22 15:13	1

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

Job ID: 480-199608-1

Client Sample ID: Rinse Blank

Date Collected: 07/08/22 12:45
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/11/22 15:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/11/22 15:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/11/22 15:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/11/22 15:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/11/22 15:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/11/22 15:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/11/22 15:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/11/22 15:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/11/22 15:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/11/22 15:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/11/22 15:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/11/22 15:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/11/22 15:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/11/22 15:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/11/22 15:00	1
2-Hexanone	ND		5.0	1.2	ug/L			07/11/22 15:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/11/22 15:00	1
Acetone	ND		10	3.0	ug/L			07/11/22 15:00	1
Benzene	ND		1.0	0.41	ug/L			07/11/22 15:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/11/22 15:00	1
Bromoform	ND		1.0	0.26	ug/L			07/11/22 15:00	1
Bromomethane	ND		1.0	0.69	ug/L			07/11/22 15:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/11/22 15:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/11/22 15:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/11/22 15:00	1
Chloroethane	ND		1.0	0.32	ug/L			07/11/22 15:00	1
Chloroform	ND		1.0	0.34	ug/L			07/11/22 15:00	1
Chloromethane	ND		1.0	0.35	ug/L			07/11/22 15:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/11/22 15:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/11/22 15:00	1
Cyclohexane	ND		1.0	0.18	ug/L			07/11/22 15:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/11/22 15:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/11/22 15:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/11/22 15:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/11/22 15:00	1
Methyl acetate	ND		2.5	1.3	ug/L			07/11/22 15:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/11/22 15:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/11/22 15:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/11/22 15:00	1
Styrene	ND		1.0	0.73	ug/L			07/11/22 15:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/11/22 15:00	1
Toluene	ND		1.0	0.51	ug/L			07/11/22 15:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/11/22 15:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/11/22 15:00	1
Trichloroethene	ND		1.0	0.46	ug/L			07/11/22 15:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/11/22 15:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/11/22 15:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/11/22 15:00	1

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

Job ID: 480-199608-1

Client Sample ID: Rinse Blank
Date Collected: 07/08/22 12:45
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/11/22 15:00	1
4-Bromofluorobenzene (Surr)	106		73 - 120		07/11/22 15:00	1
Toluene-d8 (Surr)	105		80 - 120		07/11/22 15:00	1
Dibromofluoromethane (Surr)	108		75 - 123		07/11/22 15:00	1

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

Job ID: 480-199608-1

Client Sample ID: Trip Blank

Date Collected: 07/08/22 08:00
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/11/22 15:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/11/22 15:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/11/22 15:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/11/22 15:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/11/22 15:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/11/22 15:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/11/22 15:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/11/22 15:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/11/22 15:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/11/22 15:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/11/22 15:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/11/22 15:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/11/22 15:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/11/22 15:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/11/22 15:24	1
2-Hexanone	ND		5.0	1.2	ug/L			07/11/22 15:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/11/22 15:24	1
Acetone	**3.2**	**J**	10	3.0	ug/L			07/11/22 15:24	1
Benzene	ND		1.0	0.41	ug/L			07/11/22 15:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/11/22 15:24	1
Bromoform	ND		1.0	0.26	ug/L			07/11/22 15:24	1
Bromomethane	ND		1.0	0.69	ug/L			07/11/22 15:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/11/22 15:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/11/22 15:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/11/22 15:24	1
Chloroethane	ND		1.0	0.32	ug/L			07/11/22 15:24	1
Chloroform	ND		1.0	0.34	ug/L			07/11/22 15:24	1
Chloromethane	ND		1.0	0.35	ug/L			07/11/22 15:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/11/22 15:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/11/22 15:24	1
Cyclohexane	ND		1.0	0.18	ug/L			07/11/22 15:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/11/22 15:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/11/22 15:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/11/22 15:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/11/22 15:24	1
Methyl acetate	ND		2.5	1.3	ug/L			07/11/22 15:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/11/22 15:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/11/22 15:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/11/22 15:24	1
Styrene	ND		1.0	0.73	ug/L			07/11/22 15:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/11/22 15:24	1
Toluene	ND		1.0	0.51	ug/L			07/11/22 15:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/11/22 15:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/11/22 15:24	1
Trichloroethene	ND		1.0	0.46	ug/L			07/11/22 15:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/11/22 15:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/11/22 15:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/11/22 15:24	1

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

Job ID: 480-199608-1

Client Sample ID: Trip Blank
Date Collected: 07/08/22 08:00
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/11/22 15:24	1
4-Bromofluorobenzene (Surr)	111		73 - 120		07/11/22 15:24	1
Toluene-d8 (Surr)	105		80 - 120		07/11/22 15:24	1
Dibromofluoromethane (Surr)	106		75 - 123		07/11/22 15:24	1

Lab Chronicle

Client: AECOM
Job ID: 480-199608-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: DPE-3
Lab Sample ID: 480-199608-1
Date Collected: 07/07/22 12:20
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	632946	07/08/22 17:00	ATG	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/11/22 19:48	KER	TAL BUF

Client Sample ID: DPE-4
Lab Sample ID: 480-199608-2
Date Collected: 07/07/22 11:45
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	632946	07/08/22 17:24	ATG	TAL BUF
Total/NA	Analysis	8260C	DL	40	633098	07/11/22 17:33	ATG	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/11/22 20:47	KER	TAL BUF

Client Sample ID: DPE-5
Lab Sample ID: 480-199608-3
Date Collected: 07/07/22 14:00
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	632946	07/08/22 17:47	ATG	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 20:59	KER	TAL BUF

Client Sample ID: DPE-6
Lab Sample ID: 480-199608-4
Date Collected: 07/07/22 13:45
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	632946	07/08/22 18:10	ATG	TAL BUF
Total/NA	Analysis	9060A		1	633712	07/14/22 17:08	KER	TAL BUF

Client Sample ID: DPE-7
Lab Sample ID: 480-199608-5
Date Collected: 07/07/22 13:00
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	632946	07/08/22 18:33	ATG	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/11/22 22:45	KER	TAL BUF

Client Sample ID: DPE-8
Lab Sample ID: 480-199608-6
Date Collected: 07/07/22 13:20
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	632946	07/08/22 18:57	ATG	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/12/22 00:41	KER	TAL BUF

Lab Chronicle

Client: AECOM
Job ID: 480-199608-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: GWCT
Lab Sample ID: 480-199608-7
Date Collected: 07/07/22 11:05
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	632946	07/08/22 19:20	ATG	TAL BUF

Client Sample ID: Duplicate
Lab Sample ID: 480-199608-8
Date Collected: 07/07/22 08:00
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	632946	07/08/22 19:43	ATG	TAL BUF

Client Sample ID: TB
Lab Sample ID: 480-199608-9
Date Collected: 07/02/22 06:30
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	632946	07/08/22 20:06	ATG	TAL BUF

Client Sample ID: MW-2
Lab Sample ID: 480-199608-10
Date Collected: 07/07/22 11:55
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	632946	07/08/22 20:30	ATG	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/12/22 01:39	KER	TAL BUF

Client Sample ID: MW-3
Lab Sample ID: 480-199608-11
Date Collected: 07/07/22 13:15
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	632946	07/08/22 20:53	ATG	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/12/22 02:08	KER	TAL BUF

Client Sample ID: MW-11
Lab Sample ID: 480-199608-12
Date Collected: 07/07/22 10:35
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	632946	07/08/22 21:17	ATG	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/12/22 02:38	KER	TAL BUF

Client Sample ID: MW-13S
Lab Sample ID: 480-199608-13
Date Collected: 07/07/22 14:50
Matrix: Water
Date Received: 07/07/22 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633098	07/11/22 17:56	ATG	TAL BUF

Lab Chronicle

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

Job ID: 480-199608-1

Client Sample ID: MW-13S
Date Collected: 07/07/22 14:50
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	633387	07/12/22 03:08	KER	TAL BUF

Client Sample ID: MW-13D
Date Collected: 07/07/22 14:25
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633070	07/11/22 13:05	CRL	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/12/22 03:37	KER	TAL BUF

Client Sample ID: DPE-1
Date Collected: 07/07/22 11:30
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	633070	07/11/22 13:27	CRL	TAL BUF
Total/NA	Analysis	9060A		20	633387	07/12/22 04:06	KER	TAL BUF

Client Sample ID: DPE-2
Date Collected: 07/07/22 12:00
Date Received: 07/07/22 16:00

Lab Sample ID: 480-199608-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633070	07/11/22 13:49	CRL	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/12/22 04:35	KER	TAL BUF

Client Sample ID: MW-16S
Date Collected: 07/08/22 12:30
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2000	633047	07/11/22 13:28	CR	TAL BUF
Total/NA	Analysis	9060A		5	633387	07/12/22 13:44	KER	TAL BUF

Client Sample ID: MW-16D
Date Collected: 07/08/22 09:00
Date Received: 07/08/22 13:30

Lab Sample ID: 480-199631-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633047	07/11/22 13:51	CR	TAL BUF
Total/NA	Analysis	8260C	DL	2	633226	07/12/22 14:31	CRL	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/12/22 14:14	KER	TAL BUF

Lab Chronicle

Client: AECOM
Job ID: 480-199608-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: MW-8R
Lab Sample ID: 480-199631-3
Date Collected: 07/08/22 09:45
Matrix: Water
Date Received: 07/08/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	633047	07/11/22 14:14	CR	TAL BUF
Total/NA	Analysis	8260C	DL	200	633226	07/12/22 14:55	CRL	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/12/22 14:43	KER	TAL BUF

Client Sample ID: MW-4
Lab Sample ID: 480-199631-4
Date Collected: 07/08/22 10:20
Matrix: Water
Date Received: 07/08/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	633226	07/12/22 15:18	CRL	TAL BUF
Total/NA	Analysis	9060A		1	633387	07/12/22 15:13	KER	TAL BUF

Client Sample ID: Rinse Blank
Lab Sample ID: 480-199631-5
Date Collected: 07/08/22 12:45
Matrix: Water
Date Received: 07/08/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633047	07/11/22 15:00	CR	TAL BUF

Client Sample ID: Trip Blank
Lab Sample ID: 480-199631-6
Date Collected: 07/08/22 08:00
Matrix: Water
Date Received: 07/08/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	633047	07/11/22 15:24	CR	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM
Job ID: 480-199608-1
Project/Site: Scott Figgie West of Plant 2

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

Method Summary

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

Job ID: 480-199608-1

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

Sample Summary

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

Job ID: 480-199608-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-199608-1	DPE-3	Water	07/07/22 12:20	07/07/22 16:00
480-199608-2	DPE-4	Water	07/07/22 11:45	07/07/22 16:00
480-199608-3	DPE-5	Water	07/07/22 14:00	07/07/22 16:00
480-199608-4	DPE-6	Water	07/07/22 13:45	07/07/22 16:00
480-199608-5	DPE-7	Water	07/07/22 13:00	07/07/22 16:00
480-199608-6	DPE-8	Water	07/07/22 13:20	07/07/22 16:00
480-199608-7	GWCT	Water	07/07/22 11:05	07/07/22 16:00
480-199608-8	Duplicate	Water	07/07/22 08:00	07/07/22 16:00
480-199608-9	TB	Water	07/02/22 06:30	07/07/22 16:00
480-199608-10	MW-2	Water	07/07/22 11:55	07/07/22 16:00
480-199608-11	MW-3	Water	07/07/22 13:15	07/07/22 16:00
480-199608-12	MW-11	Water	07/07/22 10:35	07/07/22 16:00
480-199608-13	MW-13S	Water	07/07/22 14:50	07/07/22 16:00
480-199608-14	MW-13D	Water	07/07/22 14:25	07/07/22 16:00
480-199608-15	DPE-1	Water	07/07/22 11:30	07/07/22 16:00
480-199608-16	DPE-2	Water	07/07/22 12:00	07/07/22 16:00
480-199631-1	MW-16S	Water	07/08/22 12:30	07/08/22 13:30
480-199631-2	MW-16D	Water	07/08/22 09:00	07/08/22 13:30
480-199631-3	MW-8R	Water	07/08/22 09:45	07/08/22 13:30
480-199631-4	MW-4	Water	07/08/22 10:20	07/08/22 13:30
480-199631-5	Rinse Blank	Water	07/08/22 12:45	07/08/22 13:30
480-199631-6	Trip Blank	Water	07/08/22 08:00	07/08/22 13:30

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-199608-1

Login Number: 199608
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins Buffalo

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

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-199608-1

Login Number: 199631
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

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

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: CH/DCZ	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-174699-3450.2
Client Contact: Mr. Dino Zack	Phone: 716 866 8222	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: AECOM	PWSID:	Analysis Requested		Job #:
Address: One John James Audubon Parkway Suite 210	Due Date Requested: STD TAT			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, ' - Acetone, - MCAA, ' - pH 4-5, - Trizma, - other (specify)
City: Amherst	TAT Requested (days): Per PO			
State, Zip: NY, 14228	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not requir			
Email: dino.zack@aecom.com	WO #:			
Project Name: Scott Figgie - GW	Project #: 48002539			
Site: New York	SSOW#:			

480-199608 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	9060A - (MOD) Local Method	Total Num	Special Instructions/Note:
			Preservation Code:				A	A		
DPE-3	7/7/22	1220	G	Water			X	X		
DPE-4	7/7/22	1145	G	Water			X	X		
DPE-5	7/7/22	1400	G	Water			X	X		
DPE-6	7/7/22	1345	G	Water			X	X		
DPE-7	7/7/22	1300	G	Water			X	X		
DPE-8	7/7/22	1320	G	Water			X	X		
GWCT	7/7/22	1105	G	Water			X			
DUPLICATE	7/7/22	0800	G	Water			X			
~~RINSE BLANK~~				Water						
Trip Blank	7/2/22	0630	G	Water			X			

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	7/7/22 1600	AECOM			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 7/7/22 1600	Company TAL

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.5 R (

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: CH/DLZ	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-174699-3450.1
Client Contact: Mr. Dino Zack	Phone: 716 866 8222	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: AECOM	PWSID:	Analysis Requested		Job #:
Address: One John James Audubon Parkway Suite 210	Due Date Requested: STD TAT			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA; M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify); Other:
City: Amherst	TAT Requested (days): Per PO			
State, Zip: NY, 14228	Compliance Project: Δ Yes Δ No			
Phone:	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)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2	9060A - (MOD) Local Method	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
MW-2	7/7/22	1155	G	Water			X	X		
~~MW-4~~				Water						
~~MW-8R~~			-	Water						
MW-3	7/7/22	1315	G	Water			X	X		
MW-11	7/7/22	1035	G	Water			X	X		
~~MW-13S~~ MW-13S	7/7/22	1450	G	Water			X	X		
MW-13D	7/7/22	1425	G	Water			X	X		
~~MW-16S~~				Water						
~~MW-16D~~				Water						
DPE-1	7/7/22	1130	G	Water			X	X		
DPE-2	7/7/22	1200	G	Water			X	X		

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	1600 7/8/22	AECOM			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 7/8/22 1600	Company: JAT

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

Ver: 06/08/2021

7/19/2022

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228-2223
phone 716.691.2600 fax 716.691.7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Dino Zack	Site Contact: Dino Zack	Date: 7/8/22	COC No:
AECOM	Tel/Fax: 716-866-8222	Lab Contact: Brian Fischer	Carrier:	1 of 1 COCs
One John James Audubon Parkway, Suite 210	Analysis Turnaround Time			Sampler:
Amherst, NY 14228-2223	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(716) 866-8222 Phone	TAT if different from Below STD TAT per PO			Walk-in Client:
(xxx) xxx-xxxx FAX	☐ 2 weeks			Lab Sampling:
Project Name: West of Plant 2	☐ 1 week			
Site: New York	☐ 2 days			Job / SDG No.:
P O # 141583	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	8260C - TCL list OLM04.2	9060A - (MOD) Local Method	Sample Specific Notes:
MW-16S	7/8/22	1230	Grab	Water	5			X	X	
MW-16D	7/8/22	0900	Grab	Water	5			X	X	
MW-8R	7/8/22	0945	Grab	Water	5			X	X	
MW-4	7/8/22	~~1320~~ 1320	Grab	Water	5			X	X	
Rinse Blank	7/8/22	1245	Grab	Water	3			X		
Trip Blank	7/8/22	0800	Grab	Water	2			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

3.4 ICE

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: AECOM	Date/Time: 7/8/22 1330	Received by:	Company: TAB	Date/Time: 7-8-22 1330
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

480-199631 Chain of Custody

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

7/19/2022

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-199673-1
Client Project/Site: Scott Figgie West of Plant 2

For:
AECOM
One John James Audubon Parkway
Suite 210
Amherst, New York 14228

Attn: Mr. Dino Zack

Authorized for release by:
7/21/2022 2:19:31 PM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: AECOM
Job ID: 480-199673-1
Project/Site: Scott Figgie West of Plant 2

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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: 480-199673-1

Job ID: 480-199673-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-199673-1

Comments
No additional comments.

Receipt
The samples were received on 7/9/2022 10:00 AM. Unless otherwise noted below, 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: AECOM
Project/Site: Scott Figgie West of Plant 2

Job ID: 480-199673-1

Client Sample ID: 3Q22 AS
Date Collected: 07/07/22 08:15
Date Received: 07/09/22 10:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-199673-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,1,2-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,1-Dichloroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,1-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:02	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,2-Dibromoethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,2-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,2-Dichloroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,2-Dichloroethene, Total	**1.1**		0.40	0.40	ppb v/v			07/14/22 01:02	1
1,2-Dichloropropane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,3-Butadiene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,3-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,4-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
1,4-Dioxane	5.0	U	5.0	5.0	ppb v/v			07/14/22 01:02	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
2-Chlorotoluene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
3-Chloropropene	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:02	1
4-Ethyltoluene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Acetone	**7.1**		5.0	5.0	ppb v/v			07/14/22 01:02	1
Benzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Bromodichloromethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Bromoform	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Bromomethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Carbon disulfide	**1.2**		0.50	0.50	ppb v/v			07/14/22 01:02	1
Carbon tetrachloride	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Chlorobenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Chloroethane	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:02	1
Chloroform	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Chloromethane	**0.60**		0.50	0.50	ppb v/v			07/14/22 01:02	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Cyclohexane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Dibromochloromethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Dichlorodifluoromethane	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:02	1
Ethylbenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Freon TF	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Hexachlorobutadiene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Isopropyl alcohol	5.0	U	5.0	5.0	ppb v/v			07/14/22 01:02	1
m,p-Xylene	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:02	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:02	1
Methyl Ethyl Ketone	**0.83**		0.50	0.50	ppb v/v			07/14/22 01:02	1
methyl isobutyl ketone	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:02	1
Methyl tert-butyl ether	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1

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

Job ID: 480-199673-1

Client Sample ID: 3Q22 AS
Date Collected: 07/07/22 08:15
Date Received: 07/09/22 10:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-199673-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:02	1
n-Heptane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
n-Hexane	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:02	1
Styrene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
tert-Butyl alcohol	5.0	U	5.0	5.0	ppb v/v			07/14/22 01:02	1
Tetrachloroethene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Tetrahydrofuran	5.0	U	5.0	5.0	ppb v/v			07/14/22 01:02	1
Toluene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
trans-1,2-Dichloroethene	**1.1**		0.20	0.20	ppb v/v			07/14/22 01:02	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Trichloroethene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Trichlorofluoromethane	**0.21**		0.20	0.20	ppb v/v			07/14/22 01:02	1
Vinyl chloride	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	1
Xylene (total)	0.70	U	0.70	0.70	ppb v/v			07/14/22 01:02	1
Xylene, o-	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:02	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			07/14/22 01:02	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	1.4	ug/m3			07/14/22 01:02	1
1,1,2-Trichloroethane	1.1	U	1.1	1.1	ug/m3			07/14/22 01:02	1
1,1-Dichloroethane	0.81	U	0.81	0.81	ug/m3			07/14/22 01:02	1
1,1-Dichloroethene	0.79	U	0.79	0.79	ug/m3			07/14/22 01:02	1
1,2,4-Trichlorobenzene	3.7	U	3.7	3.7	ug/m3			07/14/22 01:02	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			07/14/22 01:02	1
1,2-Dibromoethane	1.5	U	1.5	1.5	ug/m3			07/14/22 01:02	1
1,2-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			07/14/22 01:02	1
1,2-Dichloroethane	0.81	U	0.81	0.81	ug/m3			07/14/22 01:02	1
1,2-Dichloroethene, Total	**4.4**		1.6	1.6	ug/m3			07/14/22 01:02	1
1,2-Dichloropropane	0.92	U	0.92	0.92	ug/m3			07/14/22 01:02	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	1.4	ug/m3			07/14/22 01:02	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			07/14/22 01:02	1
1,3-Butadiene	0.44	U	0.44	0.44	ug/m3			07/14/22 01:02	1
1,3-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			07/14/22 01:02	1
1,4-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			07/14/22 01:02	1
1,4-Dioxane	18	U	18	18	ug/m3			07/14/22 01:02	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.93	ug/m3			07/14/22 01:02	1
2-Chlorotoluene	1.0	U	1.0	1.0	ug/m3			07/14/22 01:02	1
3-Chloropropene	1.6	U	1.6	1.6	ug/m3			07/14/22 01:02	1
4-Ethyltoluene	0.98	U	0.98	0.98	ug/m3			07/14/22 01:02	1
Acetone	**17**		12	12	ug/m3			07/14/22 01:02	1
Benzene	0.64	U	0.64	0.64	ug/m3			07/14/22 01:02	1
Bromodichloromethane	1.3	U	1.3	1.3	ug/m3			07/14/22 01:02	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.87	ug/m3			07/14/22 01:02	1
Bromoform	2.1	U	2.1	2.1	ug/m3			07/14/22 01:02	1
Bromomethane	0.78	U	0.78	0.78	ug/m3			07/14/22 01:02	1
Carbon disulfide	**3.6**		1.6	1.6	ug/m3			07/14/22 01:02	1
Carbon tetrachloride	1.3	U	1.3	1.3	ug/m3			07/14/22 01:02	1
Chlorobenzene	0.92	U	0.92	0.92	ug/m3			07/14/22 01:02	1
Chloroethane	1.3	U	1.3	1.3	ug/m3			07/14/22 01:02	1

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

Job ID: 480-199673-1

Client Sample ID: 3Q22 AS
Date Collected: 07/07/22 08:15
Date Received: 07/09/22 10:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-199673-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.98	U	0.98	0.98	ug/m3			07/14/22 01:02	1
Chloromethane	**1.2**		1.0	1.0	ug/m3			07/14/22 01:02	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.79	ug/m3			07/14/22 01:02	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			07/14/22 01:02	1
Cyclohexane	0.69	U	0.69	0.69	ug/m3			07/14/22 01:02	1
Dibromochloromethane	1.7	U	1.7	1.7	ug/m3			07/14/22 01:02	1
Dichlorodifluoromethane	2.5	U	2.5	2.5	ug/m3			07/14/22 01:02	1
Ethylbenzene	0.87	U	0.87	0.87	ug/m3			07/14/22 01:02	1
Freon TF	1.5	U	1.5	1.5	ug/m3			07/14/22 01:02	1
Hexachlorobutadiene	2.1	U	2.1	2.1	ug/m3			07/14/22 01:02	1
Isopropyl alcohol	12	U	12	12	ug/m3			07/14/22 01:02	1
m,p-Xylene	2.2	U	2.2	2.2	ug/m3			07/14/22 01:02	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	2.0	ug/m3			07/14/22 01:02	1
Methyl Ethyl Ketone	**2.4**		1.5	1.5	ug/m3			07/14/22 01:02	1
methyl isobutyl ketone	2.0	U	2.0	2.0	ug/m3			07/14/22 01:02	1
Methyl tert-butyl ether	0.72	U	0.72	0.72	ug/m3			07/14/22 01:02	1
Methylene Chloride	1.7	U	1.7	1.7	ug/m3			07/14/22 01:02	1
n-Heptane	0.82	U	0.82	0.82	ug/m3			07/14/22 01:02	1
n-Hexane	1.8	U	1.8	1.8	ug/m3			07/14/22 01:02	1
Styrene	0.85	U	0.85	0.85	ug/m3			07/14/22 01:02	1
tert-Butyl alcohol	15	U	15	15	ug/m3			07/14/22 01:02	1
Tetrachloroethene	1.4	U	1.4	1.4	ug/m3			07/14/22 01:02	1
Tetrahydrofuran	15	U	15	15	ug/m3			07/14/22 01:02	1
Toluene	0.75	U	0.75	0.75	ug/m3			07/14/22 01:02	1
trans-1,2-Dichloroethene	**4.4**		0.79	0.79	ug/m3			07/14/22 01:02	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			07/14/22 01:02	1
Trichloroethene	1.1	U	1.1	1.1	ug/m3			07/14/22 01:02	1
Trichlorofluoromethane	**1.2**		1.1	1.1	ug/m3			07/14/22 01:02	1
Vinyl chloride	0.51	U	0.51	0.51	ug/m3			07/14/22 01:02	1
Xylene (total)	3.0	U	3.0	3.0	ug/m3			07/14/22 01:02	1
Xylene, o-	0.87	U	0.87	0.87	ug/m3			07/14/22 01:02	1

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

Job ID: 480-199673-1

Client Sample ID: 3Q22 LRP

Date Collected: 07/07/22 08:00
Date Received: 07/09/22 10:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-199673-2

Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,1,2-Trichloroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,1-Dichloroethane	**1.2**		0.20	0.20	ppb v/v			07/14/22 01:56	1
1,1-Dichloroethene	**0.36**		0.20	0.20	ppb v/v			07/14/22 01:56	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:56	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,2-Dibromoethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,2-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,2-Dichloroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,2-Dichloroethene, Total	**81**	**E**	0.40	0.40	ppb v/v			07/14/22 01:56	1
1,2-Dichloropropane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,3-Butadiene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,3-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,4-Dichlorobenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
1,4-Dioxane	5.0	U	5.0	5.0	ppb v/v			07/14/22 01:56	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
2-Chlorotoluene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
3-Chloropropene	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:56	1
4-Ethyltoluene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Acetone	**9.7**		5.0	5.0	ppb v/v			07/14/22 01:56	1
Benzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Bromodichloromethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Bromoform	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Bromomethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Carbon disulfide	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:56	1
Carbon tetrachloride	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Chlorobenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Chloroethane	**11**		0.50	0.50	ppb v/v			07/14/22 01:56	1
Chloroform	**0.64**		0.20	0.20	ppb v/v			07/14/22 01:56	1
Chloromethane	**0.66**		0.50	0.50	ppb v/v			07/14/22 01:56	1
cis-1,2-Dichloroethene	**74**	**E**	0.20	0.20	ppb v/v			07/14/22 01:56	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Cyclohexane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Dibromochloromethane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Dichlorodifluoromethane	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:56	1
Ethylbenzene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Freon TF	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Hexachlorobutadiene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Isopropyl alcohol	5.0	U	5.0	5.0	ppb v/v			07/14/22 01:56	1
m,p-Xylene	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:56	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:56	1
Methyl Ethyl Ketone	**1.8**		0.50	0.50	ppb v/v			07/14/22 01:56	1
methyl isobutyl ketone	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:56	1
Methyl tert-butyl ether	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1

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

Job ID: 480-199673-1

Client Sample ID: 3Q22 LRP

Date Collected: 07/07/22 08:00
Date Received: 07/09/22 10:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-199673-2

Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:56	1
n-Heptane	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
n-Hexane	0.50	U	0.50	0.50	ppb v/v			07/14/22 01:56	1
Styrene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
tert-Butyl alcohol	5.0	U	5.0	5.0	ppb v/v			07/14/22 01:56	1
Tetrachloroethene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Tetrahydrofuran	5.0	U	5.0	5.0	ppb v/v			07/14/22 01:56	1
Toluene	**0.89**		0.20	0.20	ppb v/v			07/14/22 01:56	1
trans-1,2-Dichloroethene	**7.1**		0.20	0.20	ppb v/v			07/14/22 01:56	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	1
Trichloroethene	**0.93**		0.20	0.20	ppb v/v			07/14/22 01:56	1
Trichlorofluoromethane	**0.21**		0.20	0.20	ppb v/v			07/14/22 01:56	1
Vinyl chloride	**180**	**E**	0.20	0.20	ppb v/v			07/14/22 01:56	1
Xylene (total)	0.70	U	0.70	0.70	ppb v/v			07/14/22 01:56	1
Xylene, o-	0.20	U	0.20	0.20	ppb v/v			07/14/22 01:56	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			07/14/22 01:56	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	1.4	ug/m3			07/14/22 01:56	1
1,1,2-Trichloroethane	1.1	U	1.1	1.1	ug/m3			07/14/22 01:56	1
1,1-Dichloroethane	**4.8**		0.81	0.81	ug/m3			07/14/22 01:56	1
1,1-Dichloroethene	**1.4**		0.79	0.79	ug/m3			07/14/22 01:56	1
1,2,4-Trichlorobenzene	3.7	U	3.7	3.7	ug/m3			07/14/22 01:56	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			07/14/22 01:56	1
1,2-Dibromoethane	1.5	U	1.5	1.5	ug/m3			07/14/22 01:56	1
1,2-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			07/14/22 01:56	1
1,2-Dichloroethane	0.81	U	0.81	0.81	ug/m3			07/14/22 01:56	1
1,2-Dichloroethene, Total	**320**	**E**	1.6	1.6	ug/m3			07/14/22 01:56	1
1,2-Dichloropropane	0.92	U	0.92	0.92	ug/m3			07/14/22 01:56	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	1.4	ug/m3			07/14/22 01:56	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.98	ug/m3			07/14/22 01:56	1
1,3-Butadiene	0.44	U	0.44	0.44	ug/m3			07/14/22 01:56	1
1,3-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			07/14/22 01:56	1
1,4-Dichlorobenzene	1.2	U	1.2	1.2	ug/m3			07/14/22 01:56	1
1,4-Dioxane	18	U	18	18	ug/m3			07/14/22 01:56	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.93	ug/m3			07/14/22 01:56	1
2-Chlorotoluene	1.0	U	1.0	1.0	ug/m3			07/14/22 01:56	1
3-Chloropropene	1.6	U	1.6	1.6	ug/m3			07/14/22 01:56	1
4-Ethyltoluene	0.98	U	0.98	0.98	ug/m3			07/14/22 01:56	1
Acetone	**23**		12	12	ug/m3			07/14/22 01:56	1
Benzene	0.64	U	0.64	0.64	ug/m3			07/14/22 01:56	1
Bromodichloromethane	1.3	U	1.3	1.3	ug/m3			07/14/22 01:56	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.87	ug/m3			07/14/22 01:56	1
Bromoform	2.1	U	2.1	2.1	ug/m3			07/14/22 01:56	1
Bromomethane	0.78	U	0.78	0.78	ug/m3			07/14/22 01:56	1
Carbon disulfide	1.6	U	1.6	1.6	ug/m3			07/14/22 01:56	1
Carbon tetrachloride	1.3	U	1.3	1.3	ug/m3			07/14/22 01:56	1
Chlorobenzene	0.92	U	0.92	0.92	ug/m3			07/14/22 01:56	1
Chloroethane	**29**		1.3	1.3	ug/m3			07/14/22 01:56	1

Client Sample ID: 3Q22 LRP
Date Collected: 07/07/22 08:00
Date Received: 07/09/22 10:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-199673-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	**3.1**		0.98	0.98	ug/m3			07/14/22 01:56	1
Chloromethane	**1.4**		1.0	1.0	ug/m3			07/14/22 01:56	1
cis-1,2-Dichloroethene	**290**	**E**	0.79	0.79	ug/m3			07/14/22 01:56	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			07/14/22 01:56	1
Cyclohexane	0.69	U	0.69	0.69	ug/m3			07/14/22 01:56	1
Dibromochloromethane	1.7	U	1.7	1.7	ug/m3			07/14/22 01:56	1
Dichlorodifluoromethane	2.5	U	2.5	2.5	ug/m3			07/14/22 01:56	1
Ethylbenzene	0.87	U	0.87	0.87	ug/m3			07/14/22 01:56	1
Freon TF	1.5	U	1.5	1.5	ug/m3			07/14/22 01:56	1
Hexachlorobutadiene	2.1	U	2.1	2.1	ug/m3			07/14/22 01:56	1
Isopropyl alcohol	12	U	12	12	ug/m3			07/14/22 01:56	1
m,p-Xylene	2.2	U	2.2	2.2	ug/m3			07/14/22 01:56	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	2.0	ug/m3			07/14/22 01:56	1
Methyl Ethyl Ketone	**5.3**		1.5	1.5	ug/m3			07/14/22 01:56	1
methyl isobutyl ketone	2.0	U	2.0	2.0	ug/m3			07/14/22 01:56	1
Methyl tert-butyl ether	0.72	U	0.72	0.72	ug/m3			07/14/22 01:56	1
Methylene Chloride	1.7	U	1.7	1.7	ug/m3			07/14/22 01:56	1
n-Heptane	0.82	U	0.82	0.82	ug/m3			07/14/22 01:56	1
n-Hexane	1.8	U	1.8	1.8	ug/m3			07/14/22 01:56	1
Styrene	0.85	U	0.85	0.85	ug/m3			07/14/22 01:56	1
tert-Butyl alcohol	15	U	15	15	ug/m3			07/14/22 01:56	1
Tetrachloroethene	1.4	U	1.4	1.4	ug/m3			07/14/22 01:56	1
Tetrahydrofuran	15	U	15	15	ug/m3			07/14/22 01:56	1
Toluene	**3.4**		0.75	0.75	ug/m3			07/14/22 01:56	1
trans-1,2-Dichloroethene	**28**		0.79	0.79	ug/m3			07/14/22 01:56	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.91	ug/m3			07/14/22 01:56	1
Trichloroethene	**5.0**		1.1	1.1	ug/m3			07/14/22 01:56	1
Trichlorofluoromethane	**1.2**		1.1	1.1	ug/m3			07/14/22 01:56	1
Vinyl chloride	**470**	**E**	0.51	0.51	ug/m3			07/14/22 01:56	1
Xylene (total)	3.0	U	3.0	3.0	ug/m3			07/14/22 01:56	1
Xylene, o-	0.87	U	0.87	0.87	ug/m3			07/14/22 01:56	1

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,1,2,2-Tetrachloroethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,1,2-Trichloroethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,1-Dichloroethane	**1.2**	**D**	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,1-Dichloroethene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,2,4-Trichlorobenzene	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
1,2,4-Trimethylbenzene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,2-Dibromoethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,2-Dichlorobenzene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,2-Dichloroethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,2-Dichloroethene, Total	**85**	**D**	2.5	2.5	ppb v/v			07/14/22 02:50	6.14
1,2-Dichloropropane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,2-Dichlorotetrafluoroethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,3,5-Trimethylbenzene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,3-Butadiene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14

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

Job ID: 480-199673-1

Client Sample ID: 3Q22 LRP
Date Collected: 07/07/22 08:00
Date Received: 07/09/22 10:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-199673-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,4-Dichlorobenzene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
1,4-Dioxane	31	U	31	31	ppb v/v			07/14/22 02:50	6.14
2,2,4-Trimethylpentane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
2-Chlorotoluene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
3-Chloropropene	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
4-Ethyltoluene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Acetone	31	U	31	31	ppb v/v			07/14/22 02:50	6.14
Benzene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Bromodichloromethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Bromoethene(Vinyl Bromide)	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Bromoform	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Bromomethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Carbon disulfide	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
Carbon tetrachloride	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Chlorobenzene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Chloroethane	**11**	**D**	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
Chloroform	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Chloromethane	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
cis-1,2-Dichloroethene	**77**	**D**	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
cis-1,3-Dichloropropene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Cyclohexane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Dibromochloromethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Dichlorodifluoromethane	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
Ethylbenzene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Freon TF	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Hexachlorobutadiene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Isopropyl alcohol	31	U	31	31	ppb v/v			07/14/22 02:50	6.14
m,p-Xylene	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
Methyl Butyl Ketone (2-Hexanone)	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
Methyl Ethyl Ketone	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
methyl isobutyl ketone	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
Methyl tert-butyl ether	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Methylene Chloride	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
n-Heptane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
n-Hexane	3.1	U	3.1	3.1	ppb v/v			07/14/22 02:50	6.14
Styrene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
tert-Butyl alcohol	31	U	31	31	ppb v/v			07/14/22 02:50	6.14
Tetrachloroethene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Tetrahydrofuran	31	U	31	31	ppb v/v			07/14/22 02:50	6.14
Toluene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
trans-1,2-Dichloroethene	**7.6**	**D**	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
trans-1,3-Dichloropropene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Trichloroethene	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Trichlorofluoromethane	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Vinyl chloride	**200**	**D**	1.2	1.2	ppb v/v			07/14/22 02:50	6.14
Xylene (total)	4.3	U	4.3	4.3	ppb v/v			07/14/22 02:50	6.14
Xylene, o-	1.2	U	1.2	1.2	ppb v/v			07/14/22 02:50	6.14

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

Job ID: 480-199673-1

Client Sample ID: 3Q22 LRP
Date Collected: 07/07/22 08:00
Date Received: 07/09/22 10:00
Sample Container: Summa Canister 6L

Lab Sample ID: 480-199673-2
Matrix: Air

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	6.7	U	6.7	6.7	ug/m3			07/14/22 02:50	6.14
1,1,2,2-Tetrachloroethane	8.4	U	8.4	8.4	ug/m3			07/14/22 02:50	6.14
1,1,2-Trichloroethane	6.7	U	6.7	6.7	ug/m3			07/14/22 02:50	6.14
1,1-Dichloroethane	**4.9**	**D**	5.0	5.0	ug/m3			07/14/22 02:50	6.14
1,1-Dichloroethene	4.9	U	4.9	4.9	ug/m3			07/14/22 02:50	6.14
1,2,4-Trichlorobenzene	23	U	23	23	ug/m3			07/14/22 02:50	6.14
1,2,4-Trimethylbenzene	6.0	U	6.0	6.0	ug/m3			07/14/22 02:50	6.14
1,2-Dibromoethane	9.4	U	9.4	9.4	ug/m3			07/14/22 02:50	6.14
1,2-Dichlorobenzene	7.4	U	7.4	7.4	ug/m3			07/14/22 02:50	6.14
1,2-Dichloroethane	5.0	U	5.0	5.0	ug/m3			07/14/22 02:50	6.14
1,2-Dichloroethene, Total	**340**	**D**	9.7	9.7	ug/m3			07/14/22 02:50	6.14
1,2-Dichloropropane	5.7	U	5.7	5.7	ug/m3			07/14/22 02:50	6.14
1,2-Dichlorotetrafluoroethane	8.6	U	8.6	8.6	ug/m3			07/14/22 02:50	6.14
1,3,5-Trimethylbenzene	6.0	U	6.0	6.0	ug/m3			07/14/22 02:50	6.14
1,3-Butadiene	2.7	U	2.7	2.7	ug/m3			07/14/22 02:50	6.14
1,3-Dichlorobenzene	7.4	U	7.4	7.4	ug/m3			07/14/22 02:50	6.14
1,4-Dichlorobenzene	7.4	U	7.4	7.4	ug/m3			07/14/22 02:50	6.14
1,4-Dioxane	110	U	110	110	ug/m3			07/14/22 02:50	6.14
2,2,4-Trimethylpentane	5.7	U	5.7	5.7	ug/m3			07/14/22 02:50	6.14
2-Chlorotoluene	6.4	U	6.4	6.4	ug/m3			07/14/22 02:50	6.14
3-Chloropropene	9.6	U	9.6	9.6	ug/m3			07/14/22 02:50	6.14
4-Ethyltoluene	6.0	U	6.0	6.0	ug/m3			07/14/22 02:50	6.14
Acetone	73	U	73	73	ug/m3			07/14/22 02:50	6.14
Benzene	3.9	U	3.9	3.9	ug/m3			07/14/22 02:50	6.14
Bromodichloromethane	8.2	U	8.2	8.2	ug/m3			07/14/22 02:50	6.14
Bromoethene(Vinyl Bromide)	5.4	U	5.4	5.4	ug/m3			07/14/22 02:50	6.14
Bromoform	13	U	13	13	ug/m3			07/14/22 02:50	6.14
Bromomethane	4.8	U	4.8	4.8	ug/m3			07/14/22 02:50	6.14
Carbon disulfide	9.6	U	9.6	9.6	ug/m3			07/14/22 02:50	6.14
Carbon tetrachloride	7.7	U	7.7	7.7	ug/m3			07/14/22 02:50	6.14
Chlorobenzene	5.7	U	5.7	5.7	ug/m3			07/14/22 02:50	6.14
Chloroethane	**30**	**D**	8.1	8.1	ug/m3			07/14/22 02:50	6.14
Chloroform	6.0	U	6.0	6.0	ug/m3			07/14/22 02:50	6.14
Chloromethane	6.3	U	6.3	6.3	ug/m3			07/14/22 02:50	6.14
cis-1,2-Dichloroethene	**300**	**D**	4.9	4.9	ug/m3			07/14/22 02:50	6.14
cis-1,3-Dichloropropene	5.6	U	5.6	5.6	ug/m3			07/14/22 02:50	6.14
Cyclohexane	4.2	U	4.2	4.2	ug/m3			07/14/22 02:50	6.14
Dibromochloromethane	10	U	10	10	ug/m3			07/14/22 02:50	6.14
Dichlorodifluoromethane	15	U	15	15	ug/m3			07/14/22 02:50	6.14
Ethylbenzene	5.3	U	5.3	5.3	ug/m3			07/14/22 02:50	6.14
Freon TF	9.4	U	9.4	9.4	ug/m3			07/14/22 02:50	6.14
Hexachlorobutadiene	13	U	13	13	ug/m3			07/14/22 02:50	6.14
Isopropyl alcohol	75	U	75	75	ug/m3			07/14/22 02:50	6.14
m,p-Xylene	13	U	13	13	ug/m3			07/14/22 02:50	6.14
Methyl Butyl Ketone (2-Hexanone)	13	U	13	13	ug/m3			07/14/22 02:50	6.14
Methyl Ethyl Ketone	9.1	U	9.1	9.1	ug/m3			07/14/22 02:50	6.14
methyl isobutyl ketone	13	U	13	13	ug/m3			07/14/22 02:50	6.14
Methyl tert-butyl ether	4.4	U	4.4	4.4	ug/m3			07/14/22 02:50	6.14
Methylene Chloride	11	U	11	11	ug/m3			07/14/22 02:50	6.14

Client: AECOM
Job ID: 480-199673-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: 3Q22 LRP
Lab Sample ID: 480-199673-2
Date Collected: 07/07/22 08:00
Matrix: Air
Date Received: 07/09/22 10:00
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
n-Heptane	5.0	U	5.0	5.0	ug/m3			07/14/22 02:50	6.14
n-Hexane	11	U	11	11	ug/m3			07/14/22 02:50	6.14
Styrene	5.2	U	5.2	5.2	ug/m3			07/14/22 02:50	6.14
tert-Butyl alcohol	93	U	93	93	ug/m3			07/14/22 02:50	6.14
Tetrachloroethene	8.3	U	8.3	8.3	ug/m3			07/14/22 02:50	6.14
Tetrahydrofuran	91	U	91	91	ug/m3			07/14/22 02:50	6.14
Toluene	4.6	U	4.6	4.6	ug/m3			07/14/22 02:50	6.14
trans-1,2-Dichloroethene	**30**	**D**	4.9	4.9	ug/m3			07/14/22 02:50	6.14
trans-1,3-Dichloropropene	5.6	U	5.6	5.6	ug/m3			07/14/22 02:50	6.14
Trichloroethene	6.6	U	6.6	6.6	ug/m3			07/14/22 02:50	6.14
Trichlorofluoromethane	6.9	U	6.9	6.9	ug/m3			07/14/22 02:50	6.14
Vinyl chloride	**510**	**D**	3.1	3.1	ug/m3			07/14/22 02:50	6.14
Xylene (total)	19	U	19	19	ug/m3			07/14/22 02:50	6.14
Xylene, o-	5.3	U	5.3	5.3	ug/m3			07/14/22 02:50	6.14

Lab Chronicle

Client: AECOM
Job ID: 480-199673-1
Project/Site: Scott Figgie West of Plant 2

Client Sample ID: 3Q22 AS
Lab Sample ID: 480-199673-1
Date Collected: 07/07/22 08:15
Matrix: Air
Date Received: 07/09/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	181605	07/14/22 01:02	K1P	TAL BUR

Client Sample ID: 3Q22 LRP
Lab Sample ID: 480-199673-2
Date Collected: 07/07/22 08:00
Matrix: Air
Date Received: 07/09/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	181605	07/14/22 01:56	K1P	TAL BUR
Total/NA	Analysis	TO-15	DL	6.14	181605	07/14/22 02:50	K1P	TAL BUR

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM
Job ID: 480-199673-1
Project/Site: Scott Figgie West of Plant 2

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Ethyltoluene
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	Tetrahydrofuran

Method Summary

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

Job ID: 480-199673-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = Eurofins 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: 480-199673-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-199673-1	3Q22 AS	Air	07/07/22 08:15	07/09/22 10:00	Air Canister (6-Liter) #6264
480-199673-2	3Q22 LRP	Air	07/07/22 08:00	07/09/22 10:00	Air Canister (6-Liter) #3017

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-199673-1

Login Number: 199673
List Number: 1
Creator: Beane, John P

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	NA: Lab does not accept radioactive samples
The cooler's custody seal, if present, is intact.	True	Yes: Seals on cooler but date and time not filled out
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.	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.	N/A	

Login Sample Receipt Checklist

Client: AECOM

Job Number: 480-199673-1

Login Number: 199673
List Number: 2
Creator: Beane, John P

List Source: Eurofins Burlington
List Creation: 07/11/22 03:44 PM

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

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802 660.1990 fax 802 660 1919

Canister Samples Chain of Custody Record

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

480-199673 Chain of Custody

Tes

Client Contact Information		Client Project Manager: Dino Zack	Samples Collected By: Dino Zack	COC No
Company Name	AECOM	Phone: 716 866 8222		1 of 1 COCs
Address	2 John James Audubon Pkwy	Email: dino.zack@aecom		TALS Project #:
City/State/Zip	Amherst, NY 14228			For Lab Use Only:
Phone	716 866 8222	Site Contact: Dino Zack		Walk-in Client:
FAX.		Tel/Fax		Lab Sampling:
Project Name	West Plant 2	Analysis Turnaround Time		
Site/Location	Lancaster, NY	Standard (Specific)		Job / SDG No
P O #		Rush (Specifiy):		(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	*Sample Type*	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
3Q22 AS	7/7/22	0815	7/7/22	0815	29.6	NA	NA	6264	X														TO15 all. sus
3Q22 LRP	7/7/22	0800	7/7/22	0800	29.6	NA	NA	3017	X														TO15 all. sus

	Temperature (Fahrenheit)		
Start	Interior	Ambient	76°F
Stop			

	Pressure (inches of Hg)		
Start	Interior	Ambient	30.02 " Hg
Stop			

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Dino J. Zack	**Date / Time:** 7/7/22 1000hr	**Samples Received by:** John R. Brown ETA Bvrl	7/9/22 10:00
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

eurofins | Environment Testing TestAmerica

Part # 159469-434 MTW EXP 04/23

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

AMHERST, NY 14228
UNITED STATES US

SHIP DATE: 08JUL22
ACTWGT: 8.40 LB
CAD: 846654/CAFE3512
DIMS: 20x19x11 IN

BILL SENDER

TO SAMPLE MGT.
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 923-1026
REF: TA BURLINGTON

570C2/0A92/6F4D

FedEx Express

E

J211020121101uv

1 of 3

SATURDAY 12:00P
PRIORITY OVERNIGHT

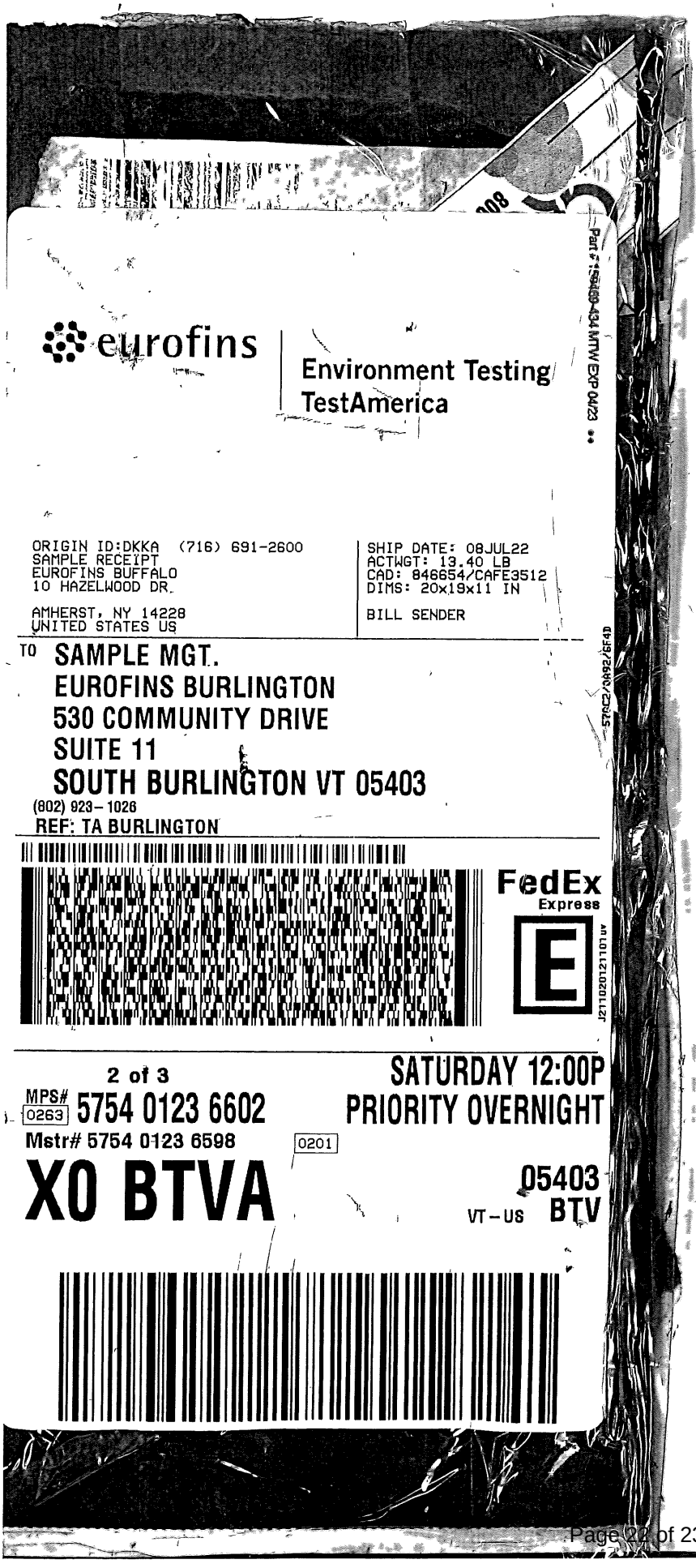
TRK# 0201 5754 0123 6598

MASTER

X0 BTVA

05403
VT-US BTV

7/21/2022


eurofins
Environment Testing
TestAmerica
ORIGIN ID:DKKA (716) 691-2600
SAMPLE RECEIPT
EUROFINS BUFFALO
10 HAZELWOOD DR
AMHERST, NY 14228
UNITED STATES US
SHIP DATE: 08JUL22
ACTWGT: 13.40 LB
CAD: 846654/CAFE3512
DIMS: 20x19x11 IN
BILL SENDER
TO SAMPLE MGT.
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 923-1026
REF: TA BURLINGTON
FedEx
Express
2 of 3
MPS# 0263 5754 0123 6602
Mstr# 5754 0123 6598
SATURDAY 12:00P
PRIORITY OVERNIGHT
0201
XO BTVA
05403
VT-US BTV

eurofins | Environment Testing TestAmerica

Part # 159469-434 MTW EXP 04/23

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

AMHERST, NY 14228
UNITED STATES US

SHIP DATE: 08JUL22
ACTWGT: 32.95 LB
CAD: 846654/CAFE3512
DIMS: 21x21x17 IN

BILL SENDER

TO SAMPLE MGT.
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 923-1026
REF: TA BURLINGTON

570C2/0892/6F4D

FedEx Express

E

J211020121101uv

3 of 3
MPS# 0263 5754 0123 6613
Mstr# 5754 0123 6598 0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

X0 BTVA

05403
VT-US BTV

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

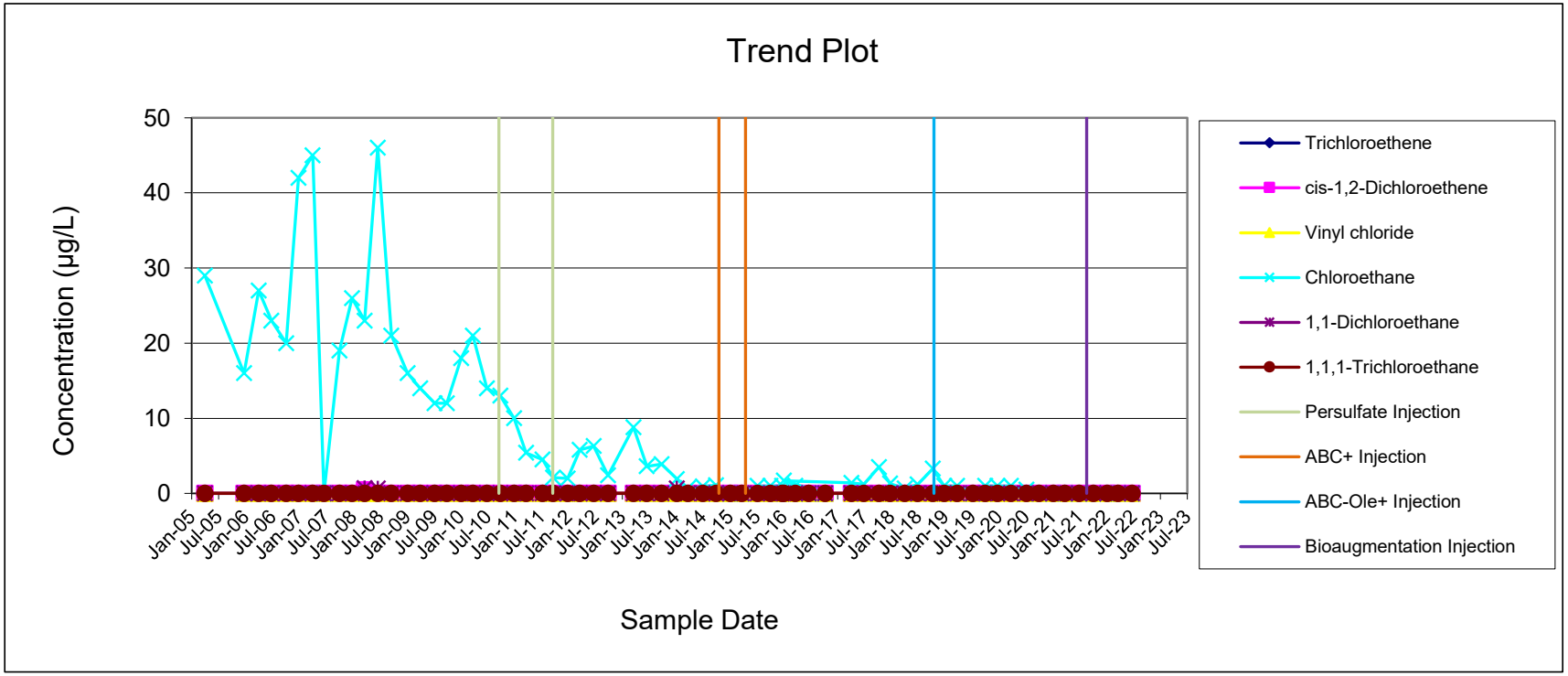
	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25
10/19/2006	< 5	< 5	< 5	20	< 5	< 5
1/9/2007	< 5	< 5	< 5	42	< 5	< 5
4/16/2007	< 20	< 20	< 20	45	< 20	< 20
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/15/2007	< 5	< 5	< 5	19	< 5	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	0.48	< 5	23	1	< 5
7/1/2008	< 5	< 5	< 5	46	0.65	< 5
10/1/2008	< 5	< 5	< 5	21	<5	< 5
1/20/2009	< 5	< 5	< 5	16	<5	< 5
4/15/2009	< 5	< 5	< 5	14	<5	< 5
7/22/2009	< 5	< 5	< 5	12	<5	< 5
10/12/2009	< 5	< 5	< 5	12	<5	< 5
1/18/2010	< 25	< 25	< 25	18	< 25	< 25
4/7/2010	< 25	< 25	< 25	21	< 25	< 25
7/12/2010	< 25	< 25	< 25	14	< 25	< 25
10/11/2010	< 25	< 25	< 25	13	< 25	< 25
1/12/2011	<1	<1	<1	10	<1	<1
4/4/2011	<1	<1	<1	5.4	<1	<1
7/25/2011	<1	<1	<1	4.5	<1	<1
10/3/2011	<1	<1	<1	2.1	<1	<1
1/11/2012	<1	<1	<1	2	<1	<1
4/2/2012	<1	<1	<1	5.8	<1	<1
7/5/2012	<1	<1	<1	6.3	<1	<1
10/11/2012	<1	<1	<1	2.4	<1	<1
4/1/2013	<1	<1	<1	8.8	<1	<1
7/1/2013	<1	<1	<1	3.6	<1	<1
10/9/2013	<1	<1	<1	3.9	<1	<1
1/21/2014	<1	<1	<1	1.9	0.67	<1
4/7/2014	<1	<1	<1	0.68	<1	<1
7/16/2014	<1	<1	<1	0.94	<1	<1
10/14/2014	<1	<1	<1	1.1	<1	<1
1/20/2015	<5	<5	<5	<5	<5	<5
4/7/2015	<5	<5	<5	<5	<5	<5
7/22/2015	<1	<1	<1	1	<1	<1
10/19/2015	<1	<1	<1	1	<1	<1
1/5/2016	<1	<1	<1	1	<1	<1
4/4/2016	<1	<1	<1	1	<1	<1
7/5/2016	<1	<1	<1	<1	<1	<1
10/24/2016	<1	<1	<1	<1	<1	<1
1/17/2016	<1	<1	<1	1.7	<1	<1
4/20/2017	<1	<1	<1	1.4	<1	<1
7/12/2017	<1	<1	<1	1.2	<1	<1
10/23/2017	<1	<1	<1	3.5	<1	<1
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
4/6/2021	<1	<1	<1	<1	<1	<1
7/13/2021	<2	<2	<2	<2	<2	<2
10/18/2021	<2	<2	<2	<2	<2	<2
1/19/2022	<2	<2	<2	<2	<2	<2
4/4/2022	<1	<1	<1	<1	<1	<1
7/7/2022	<2	<2	<2	<2	<2	<2

MONITORING WELL MW-2

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

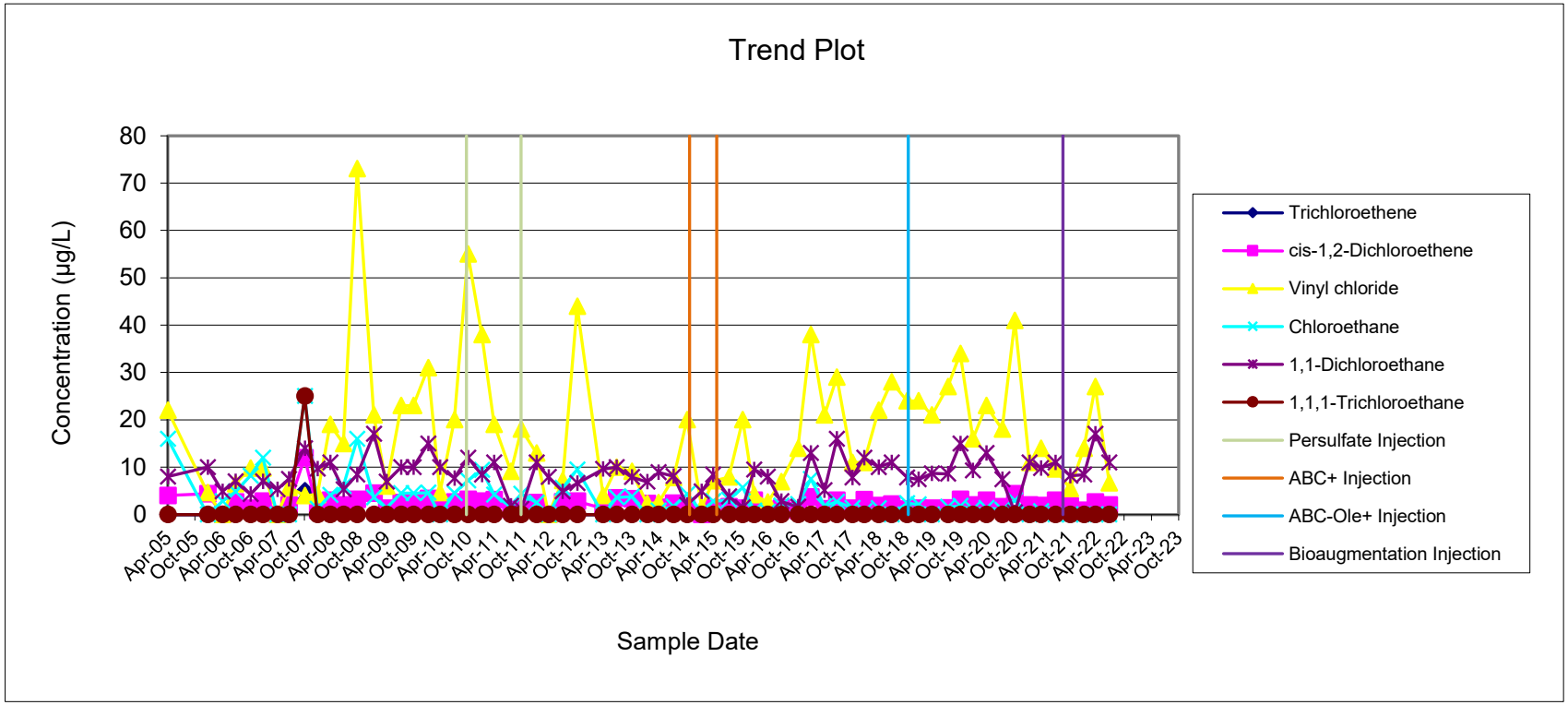
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	4	22	16	8	<10
1/5/2006	< 25	4.4	4.6	< 25	10	< 25
4/14/2006	< 25	< 25	< 25	2.8	4.9	< 25
7/10/2006	< 25	2.6	6.5	4.8	7	< 25
10/18/2006	< 5	1.3	9.8	8.2	4.3	< 5
1/10/2007	< 5	2.8	9.8	12	7	< 5
4/16/2007	< 20	< 20	< 20	< 20	5.3	< 20
7/2/2007	< 5	2	5.7	< 5	7.5	< 5
10/17/2007	5	12	4	25	14	25
1/9/2008	< 5	0.9	4.2	1.2	9.7	<5
4/3/2008	<5	3	19	4.1	11	<5
7/1/2008	<5	2	15	6	5.3	<5
10/1/2008	<5	3.2	73	16	8.4	<5
1/21/2009	<5	4.5	21	3.6	17	<5
4/15/2009	<5	1.3	6	1.4	6.9	<5
7/22/2009	<5	2.5	23	4.5	10	<5
10/12/2009	<5	2.5	23	4.5	10	<5
1/18/2010	<5	3.4	31	4.6	15	<5
4/7/2010	<5	1.7	4.6	<5	10	<5
7/13/2010	<5	2.6	20	4.5	7.7	<5
10/11/2010	<5	3.2	55	7.2	12	<5
1/12/2011	<1	2.8	38	9.4	8.4	<1
4/4/2011	<1	3.1	19	4.2	11	<1
7/26/2011	<1	0.98	9.1	1.5	1.8	<1
10/3/2011	<1	1.1	18	4.4	1.2	<1
1/13/2012	<1	2.5	13	2.5	11	<1
4/2/2012	<1	<1	<1	<1	7.9	<1
7/5/2012	<1	2.7	7.2	5.6	4.9	<1
10/11/2012	<1	2.8	44	9.5	6.6	<1
4/1/2013	<1	1.3	4	<1	9.6	<1
7/1/2013	<1	3.5	10	3.6	10	<1
10/10/2013	<1	3.3	9.1	3.8	7.9	<1
1/21/2014	<1	2.3	2.3	<1	6.9	<1
4/7/2014	<1	1.5	2.5	0.82	8.9	<1
7/17/2014	<1	2.4	7.8	1.7	8.1	<1
10/14/2014	<1	0.93	20	4.3	2	<1
1/20/2015	<1	<1	1.5	0.64	4.9	<1
4/7/2015	<1	1.4	7.1	2.8	8.4	<1
7/22/2015	<1	1.6	7.9	3.1	3.8	<1
10/21/2015	<1	1.3	20	5.7	1.5	<1
1/6/2016	<1	3	4.2	0.83	9.5	<1
4/5/2016	<1	0.98	2.6	0.58	8	<1
7/5/2016	<1	1.3	6.9	1.9	2.8	<1
10/25/2016	<1	0.81	14	2.2	1.6	<1
1/19/2017	<1	3.7	38	7.5	13	<1
4/20/2017	<1	1.2	21	1.8	5.1	<1
7/12/2017	<1	3.0	29	2.7	16	<1
10/23/2017	<1	1.3	11	1.4	7.8	<1
1/10/2018	<1	3.1	11	0.72	12	<1
4/17/2018	<1	1.9	22	1.3	10	<1
7/13/2018	<1	2.2	28	<1	11	<1
10/24/2018	<1	1.1	24	2.4	7.8	<1
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
4/6/2021	<1	1.9	14	0.70	9.8	<1
7/13/2021	<1	3.0	9.6	<1	11	<1
10/18/2021	<1	1.8	5.5	<1	8.2	<1
1/19/2022	<1	0.86	14	<1	8.4	<1
4/4/2022	<1	2.60	27	<1	17	<1
7/7/2022	<1	2.0	6.7	<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

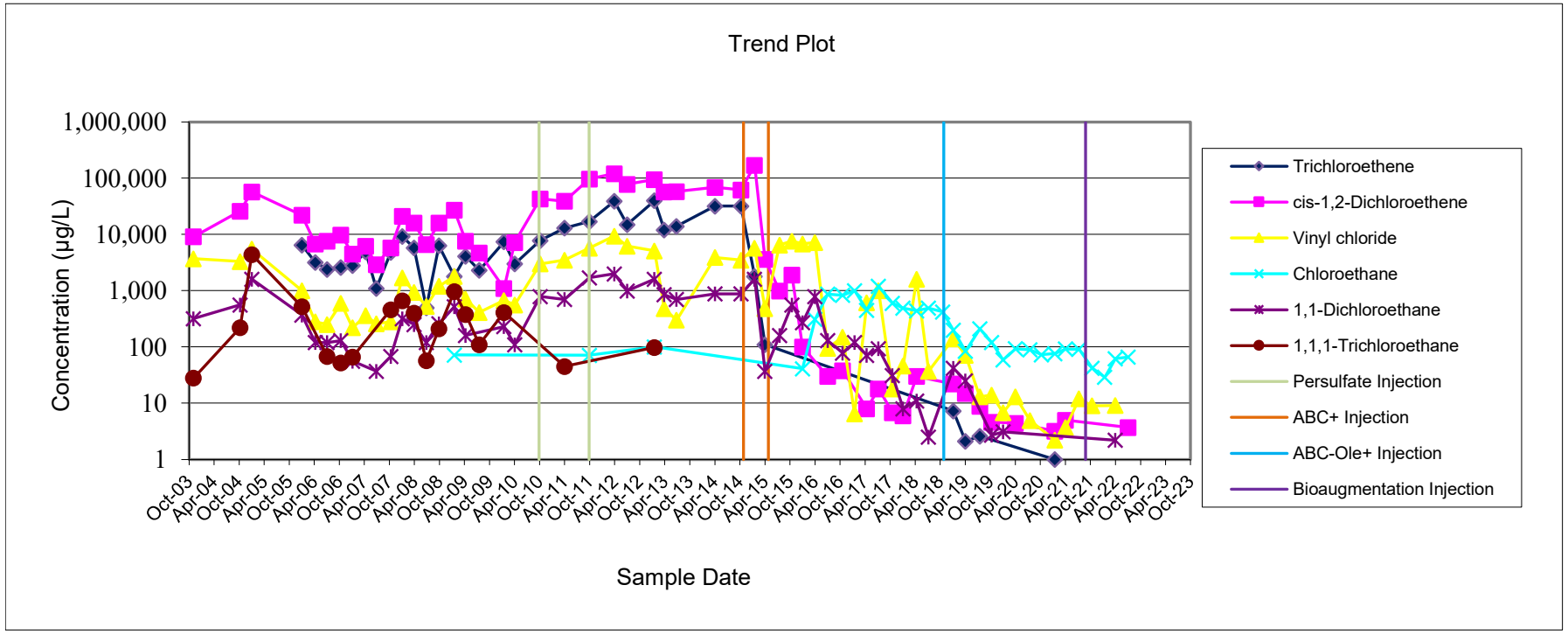
	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000	1,000	< 2000	370	520
4/14/2006	3,200	6,800	280	<500	120	<500
7/10/2006	2,400	7,600	250	<500	120	68
10/18/2006	2,600	9,800	600	<5	130	52
1/10/2007	2,800	4,500	220	<400	56	66
4/17/2007	4,900	6,200	360	<500	<500	<500
7/3/2007	1,100	2,900	260	<200	37	<200
10/17/2007	4,800	5,800	280	<500	68	460
1/9/2008	9,200	21,000	1,700	<500	320	660
4/3/2008	5,800	16,000	940	<1200	250	400
7/2/2008	500	6,600	530	<500	120	57
10/2/2008	6,300	16,000	1,200	<500	260	210
1/22/2009	1,800	27,000	1,800	72	520	970
4/15/2009	4,100	7,600	710	<200	160	380
7/22/2009	2,300	4,700	410	<250	<250	110
1/19/2010	7,400	1,100	670	<1000	230	410
4/8/2010	3,000	7,200	560	<500	110	<500
10/11/2010	7,800	43,000	3,000	<4,000	790	<4,000
4/6/2011	13,000	39,000	3,500	<40	700	45
10/4/2011	17,000	97,000	5,700	71	1700	<1
4/3/2012	39,000	120,000	9,400	<200	2000	<200
7/6/2012	15,000	78,000	6,200	<1000	990	<1000
1/21/2013	40,000	95,000	5,100	100	1600	98
4/2/2013	12,000	57,000	480	<40	850	<40
7/1/2013	14,000	58,000	300	<100	700	<100
4/7/2014	32,000	69,000	3,900	<1000	880	<1000
10/14/2014	32,000	62,000	3,500	<1000	880	<1000
1/21/2015	1,800	170,000	5,700	<1,000	1,600	<1000
4/7/2015	110	3,600	480	<80	37	<80
7/23/2015	<100	990	6,500	<100	160	<100
10/20/2015	<100	1,900	7,600	<100	560	<100
1/6/2016	<100	100	6,800	41	270	<100
4/6/2016	<100	<100	7,200	310	790	<100
7/8/2016	<20	30	95	870	130	<20
10/25/2016	<20	38	150	830	78	<20
1/19/2017	<20	<20	7	1,000	120	<20
4/18/2017	<5	8	610	450	71	<5
7/13/2017	<20	18	1,000	1,200	93	<20
10/23/2017	<20	7	18	600	31	<20
1/8/2018	<5	6	46	490	8	<5
4/17/2018	<20	30	1,600	440	11	<20
7/13/2018	<5	<5	37	490	2.5	<5
10/24/2018	<20	<20	<20	420	<20	<20
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	<4	<4
1/20/2021	1.0	3.2	2.2	76	<1	<1
4/8/2021	<4	5.0	3.7	92	<4	<4
7/15/2021	<4	<4	12	91	<4	<4
10/19/2021	<4	<4	9	42	<4	<4
1/18/2022	<4	<4	<4	29	<4	<4
4/6/2022	<4	<4	9.1	62	2.2	<4
7/8/2022	<4	3.7	<4	66	<4	<4

MONITORING WELL MW-4

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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	250	730	24	4.6	<1
4/7/2021	<10	300	400	20	4.1	<10
7/14/2021	<8	1,700	2,000	26	7.1	<8
10/19/2021	<25	120	1,000	<25	<25	<25
1/18/2022	<25	180	630	12	<25	<25
4/6/2022	<8	65	520	29	4.1	<8
7/8/2022	5.5	63	6,000	42	14.0	<8

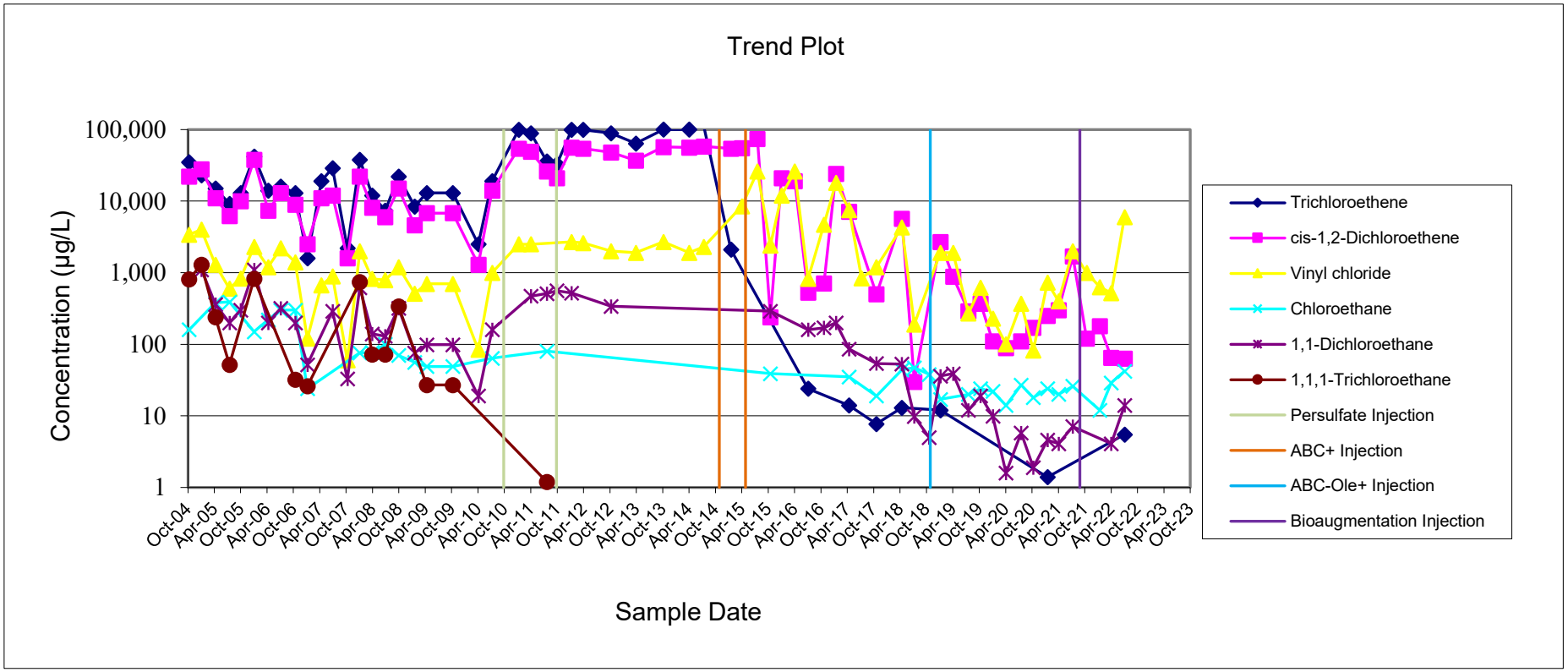
Note well was not accessable during the January 2018 sampling event.

MONITORING WELL MW-8R

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

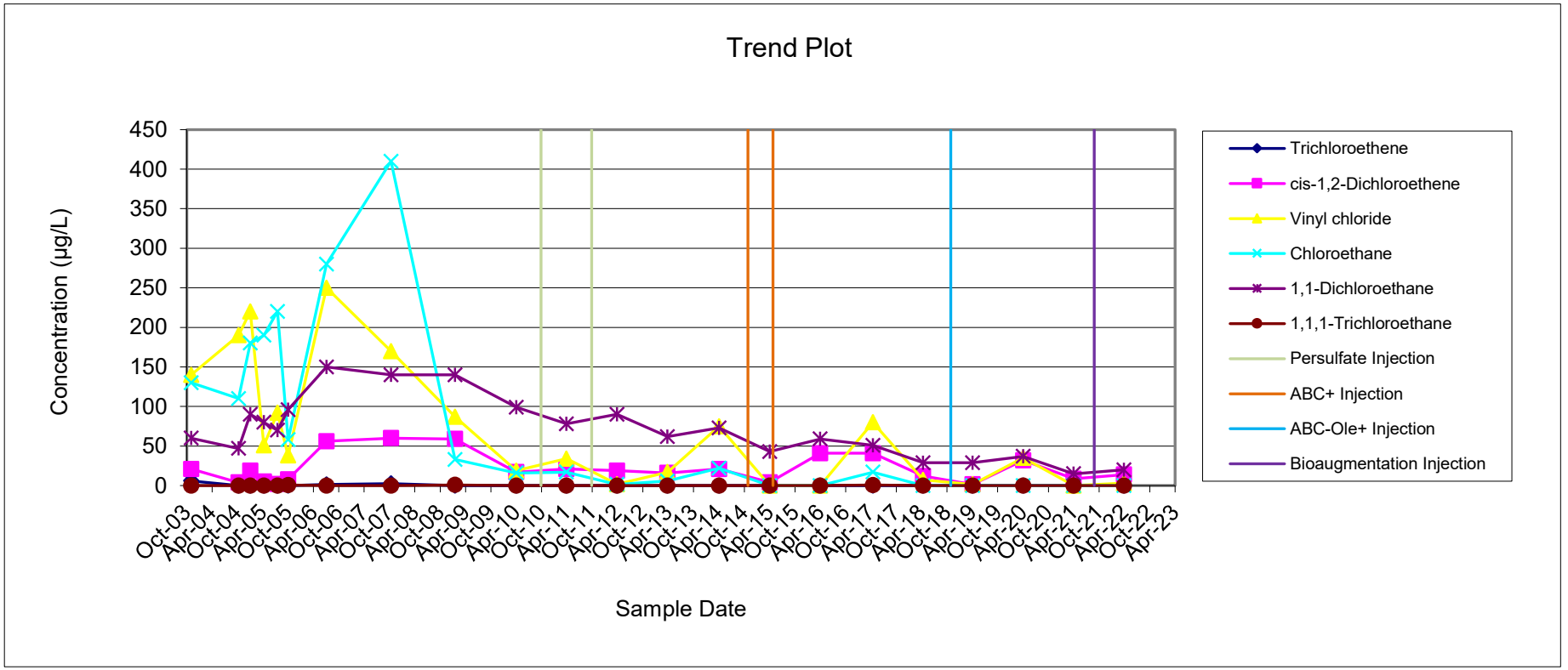
Lancaster, New York



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
4/6/2021	<1	8.7	<1	<1	15	<1
4/4/2022	<1	14	3.2	<1	20	<1

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



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

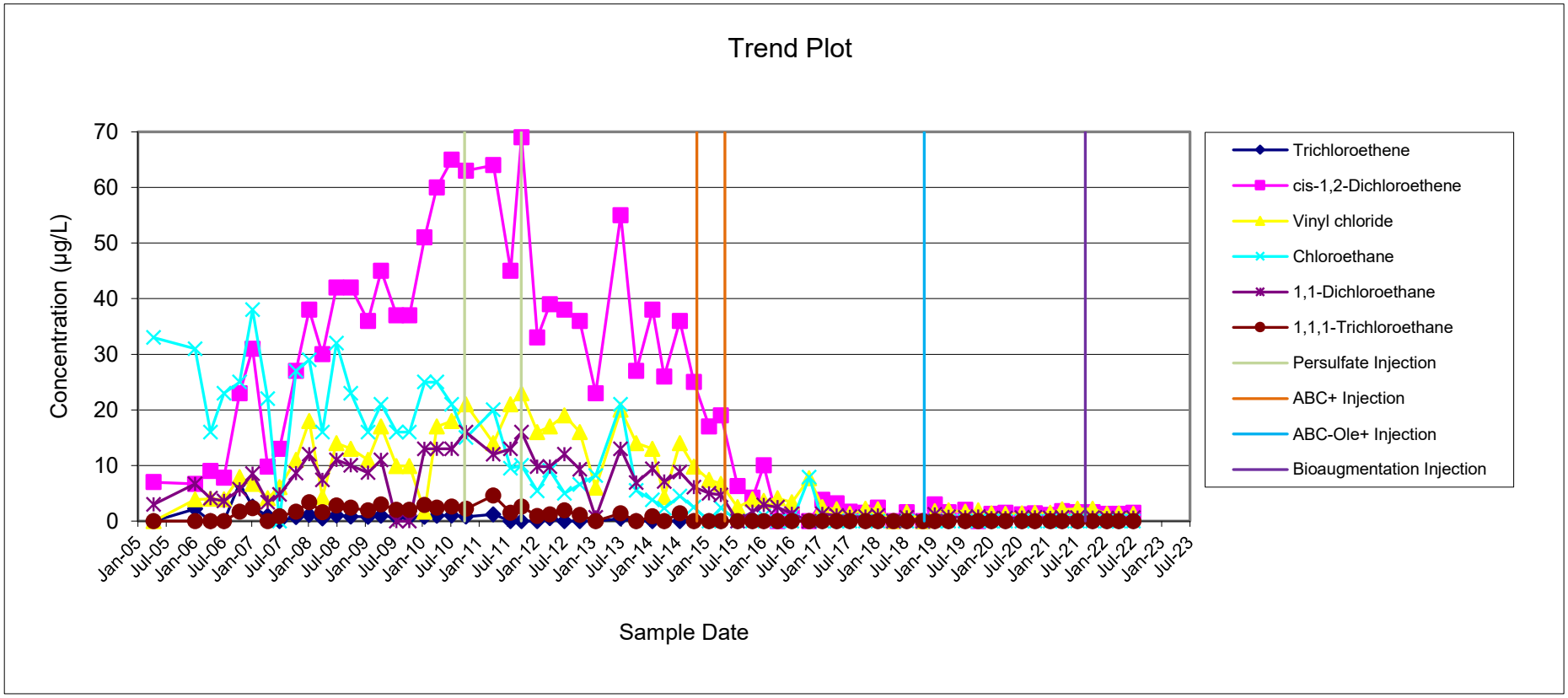
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	7	< 10	33	3	< 10
1/5/2006	2.2	6.7	3.9	31	6.7	<20
4/14/2006	< 20	9	4	16	4.1	< 20
7/10/2006	< 20	7.8	3.9	23	3.6	< 20
10/19/2006	6.8	23	7.9	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
4/6/2021	<1	1.8	2.1	<1	0.66	<1
7/13/2021	<1	1.6	2.2	<1	0.61	<1
10/18/2021	<1	1.6	2.2	<1	0.61	<1
1/19/2022	<1	1.3	1.3	<1	0.54	<1
4/5/2022	<1	1.3	1.4	<1	0.52	<1
7/7/2022	<1	1.5	1.3	<1	0.59	<1

MONITORING WELL MW-11

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 50	9	20
7/20/2005	870	990	37	< 40	16	49
10/4/2005	410	280	9.1	< 40	< 40	3.4
7/10/2006	17,000	9,400	300	9	65	88
10/19/2006	1,300	1,700	50	<100	19	36
1/10/2007	1,500	1,800	58	<100	24	41
4/17/2007	4,400	2,200	90	< 250	< 250	250
7/3/2007	220	410	11	< 25	5.7	7.2
10/18/2007	570	800	14	< 25	8.5	15
1/9/2008	1800	2300	330	7.3	32	68
4/3/2008	580	610	21	<50	8.5	9.5
7/2/2008	1,800	1,500	38	<120	14	13
10/2/2008	5,800	5,000	190	<120	36	27
1/20/2009	3,400	2,500	150	<10	30	28
4/15/2009	3,400	3,700	290	<40	<40	30
10/13/2009	3,400	3,700	290	<40	<40	30
4/7/2010	1,400	1,600	45	<50	16	10
7/13/2010	400	870	30	<50	7.9	<50
1/12/2011	39,000	25,000	<500	9.4	19	<1
4/6/2011	40,000	23,000	<800	4.7	<800	<800
7/2/2011	31,000	19,000	<800	2.9	95	2.9
1/13/2012	53,000	30,000	770	<800	1400	<800
4/3/2012	39,000	21,000	320	3.7	110	<1
10/12/2012	41,000	24,000	<800	<800	<800	<800
4/2/2013	40,000	22,000	140	3.9	100	<1
10/10/2013	49,000	31,000	<1	<1	<1	<1
4/7/2014	32,000	18,000	<500	<500	<500	<500
7/17/2014	33,000	17,000	<500	<500	<500	<500
1/21/2015	19,000	22,000	<500	<500	150	<500
4/7/2015	31,000	32,000	<500	<500	<500	<500
7/23/2015	<500	31,000	3,500	<500	<500	<500
10/20/2015	<10	640	1,700	46	260	<10
1/6/2016	41	150	1,600	38	70	<25
4/5/2016	<100	5,000	6,100	390	240	<100
7/6/2016	<4	<4	<4	35	<4	<4
10/25/2016	<2	100	190	32	8.5	<2
1/19/2017	2.1	12	44	20	<2	<2
4/19/2017	<1	54	85	12	2.4	<1
7/13/2017	<2	35	95	11	0.89	<2
10/24/2017	<5	630	240	10	5.1	<5
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
4/7/2021	0.77	1.8	7.1	3.3	0.40	<1
7/14/2021	<2	<2	3.5	2.7	<2	<2
10/19/2021	<2	<2	3.5	2.7	<2	<2
1/18/2022	<2	7.4	19	3.3	<2	<2
4/5/2022	<2	33	43	4.5	0.90	<2
7/7/2022	2.2	5.2	14	2.0	<1	<1

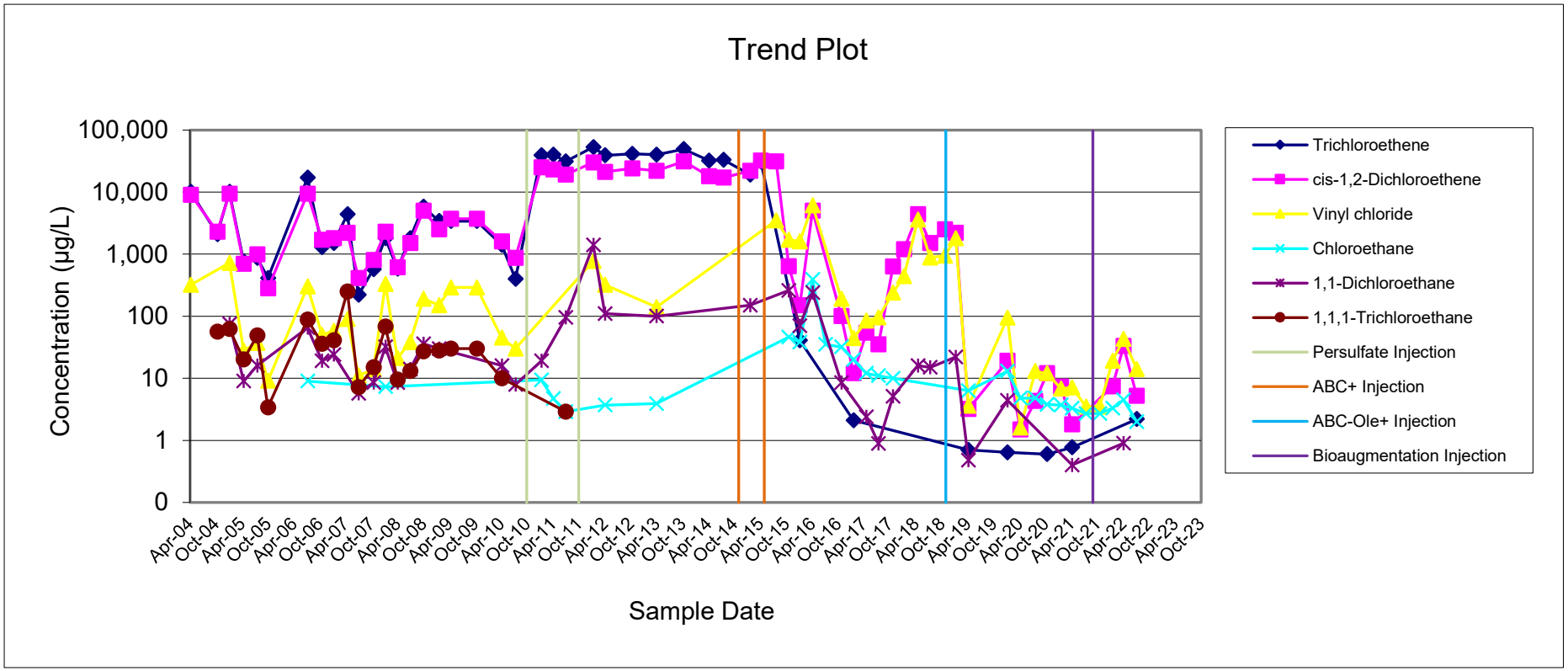
Note well was dry during the July 2019 and October 2019 sampling events.

MONITORING WELL MW-13S

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

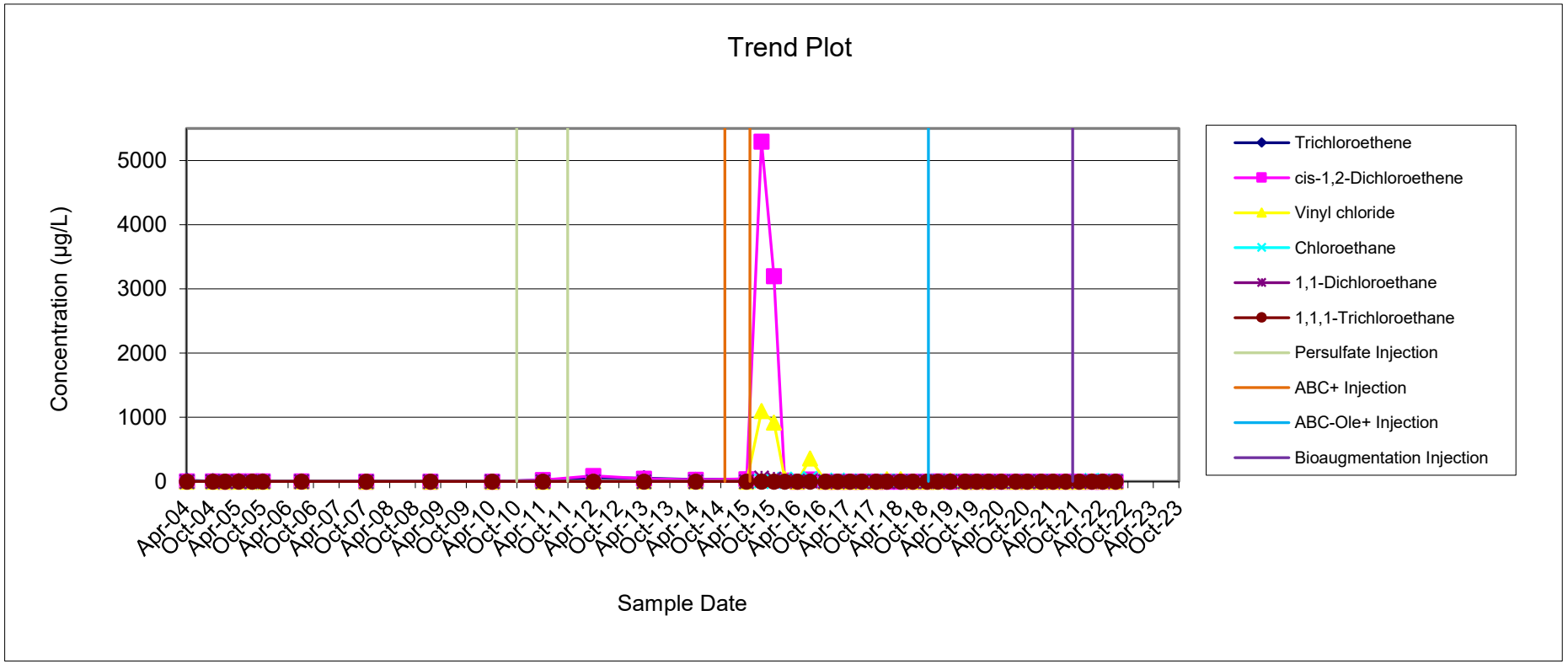
Lancaster, New York



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

	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	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
4/15/2021	<1	<1	<1	2.6	<1	<1
7/14/2021	<1	<1	<1	2.2	<1	<1
10/19/2021	<1	<1	<1	2.2	<1	<1
1/18/2022	<1	<1	9.2	19	<1	<1
4/5/2022	<1	<1	1.4	12	<1	<1
7/7/2022	<1	<1	<1	7.8	<1	<1

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

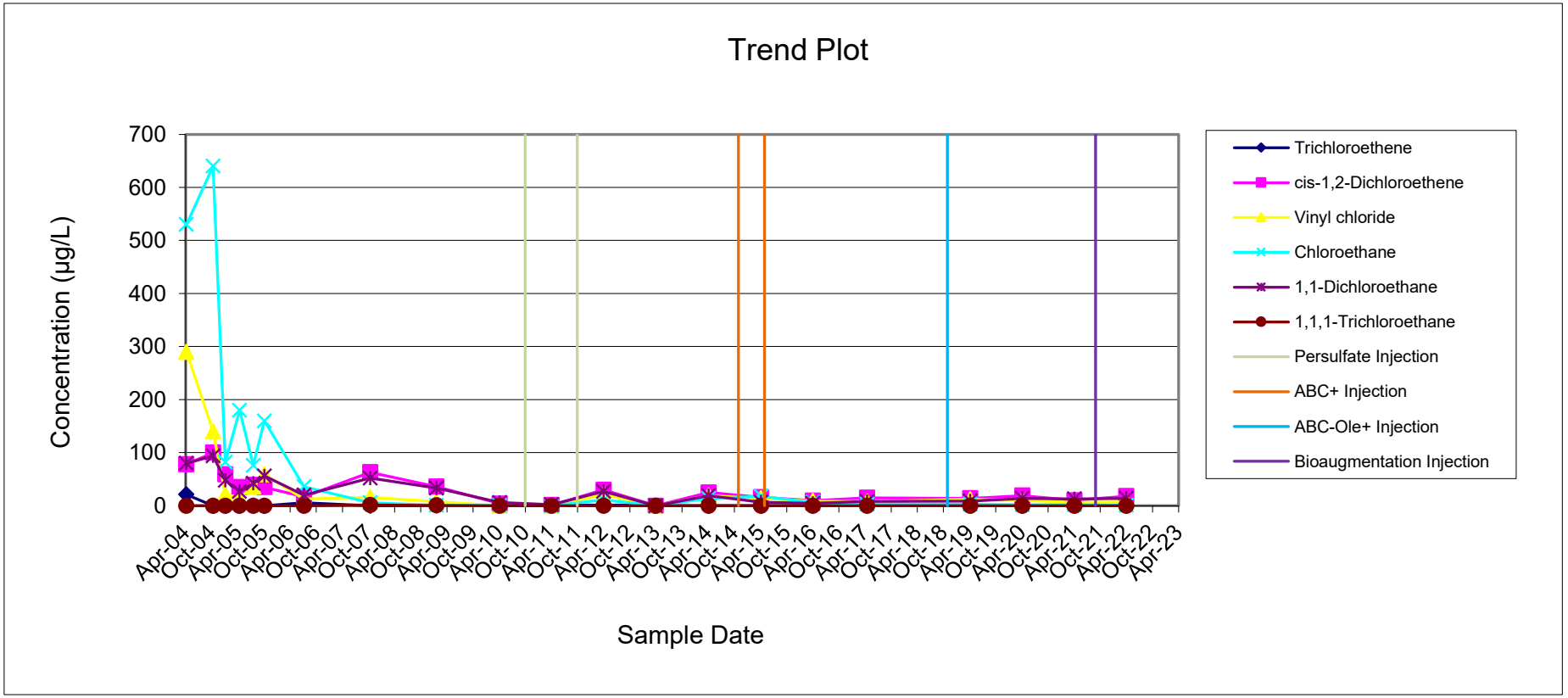


PIEZOMETER MW-14S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/7/2021	<1	10	6.0	1.9	13	<1
4/4/2022	<1	18	7.2	1.0	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

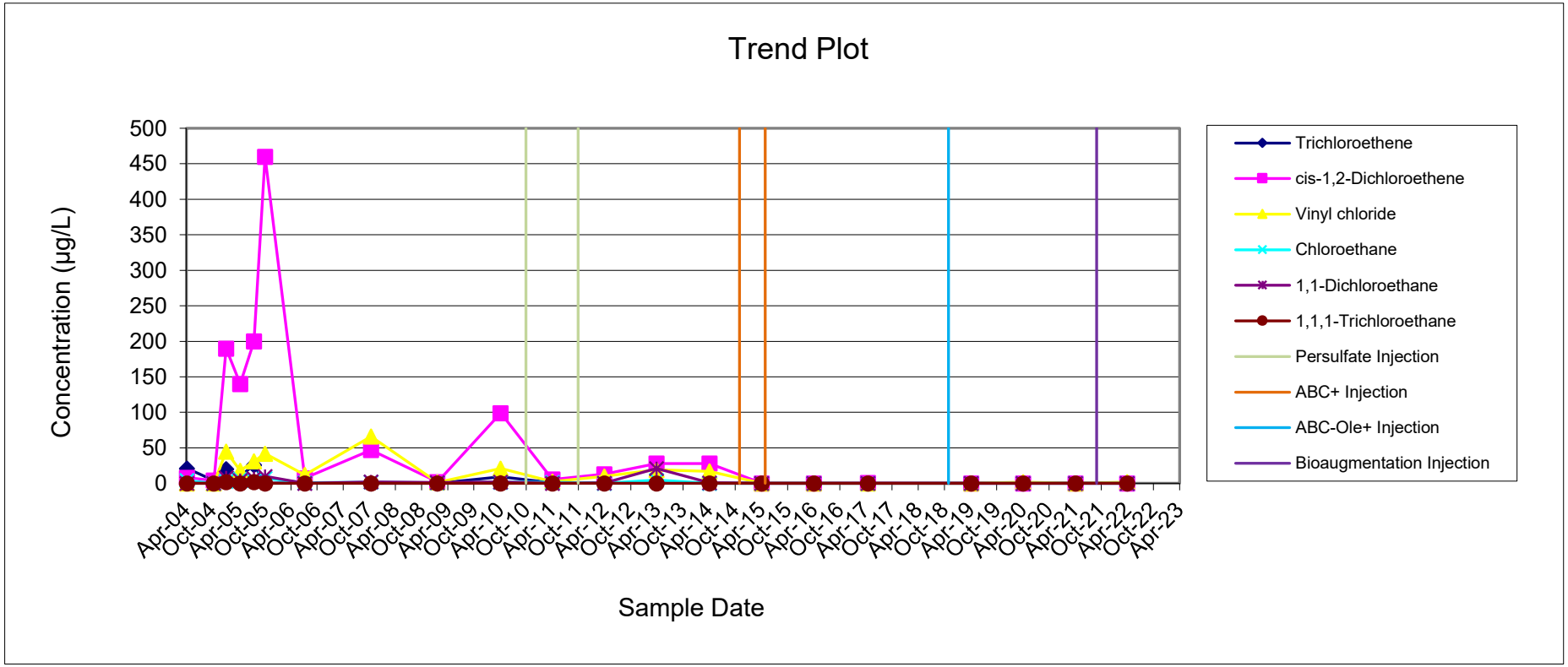


PIEZOMETER MW-14D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

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
4/7/2021	<1	<1	<1	<1	<1	<1
4/4/2022	<1	<1	1.7	<1	<1	<1

Well was flooded and not sampled in April 2018.

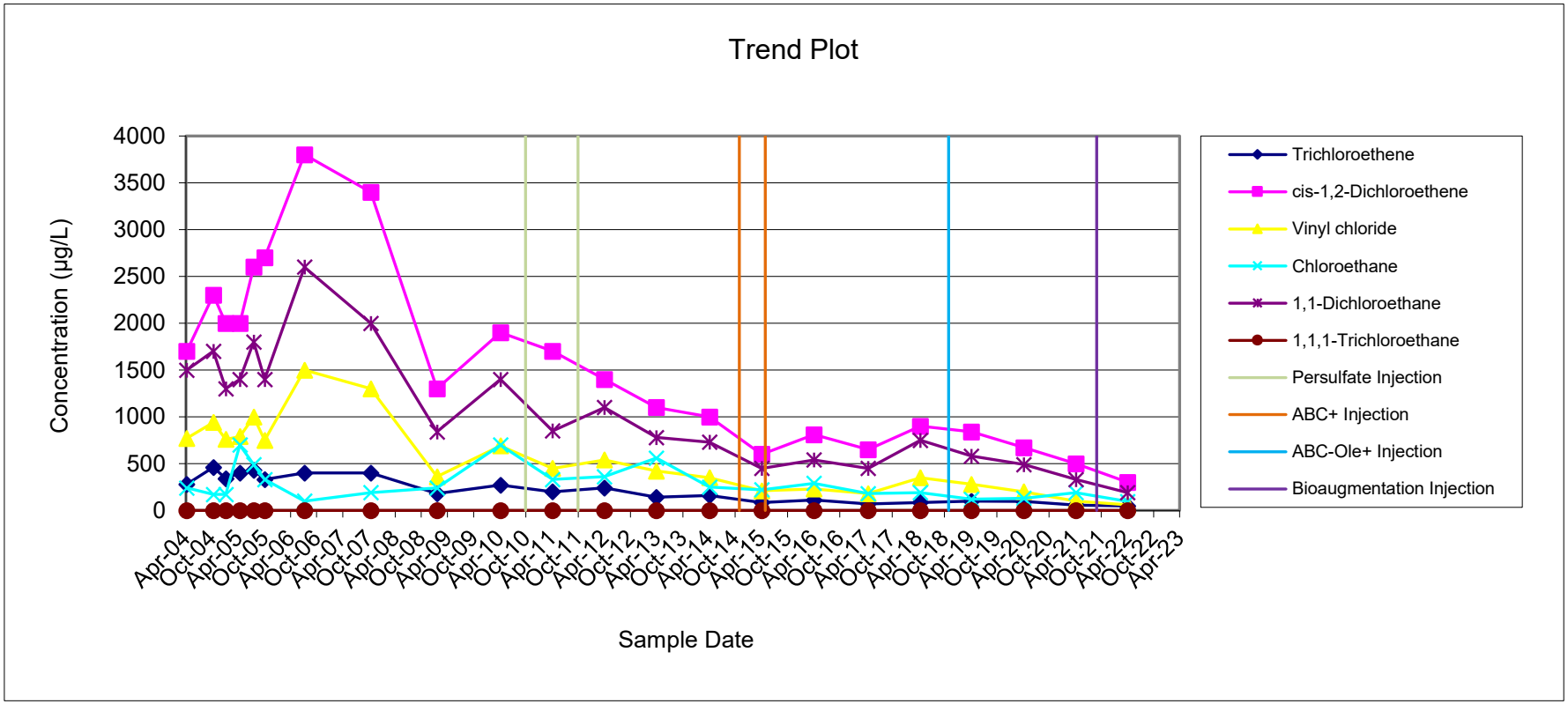
PIEZOMETER MW-14D
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
4/8/2021	58	500	100	190	330	<20
4/5/2022	47	300	60	95	190	<20

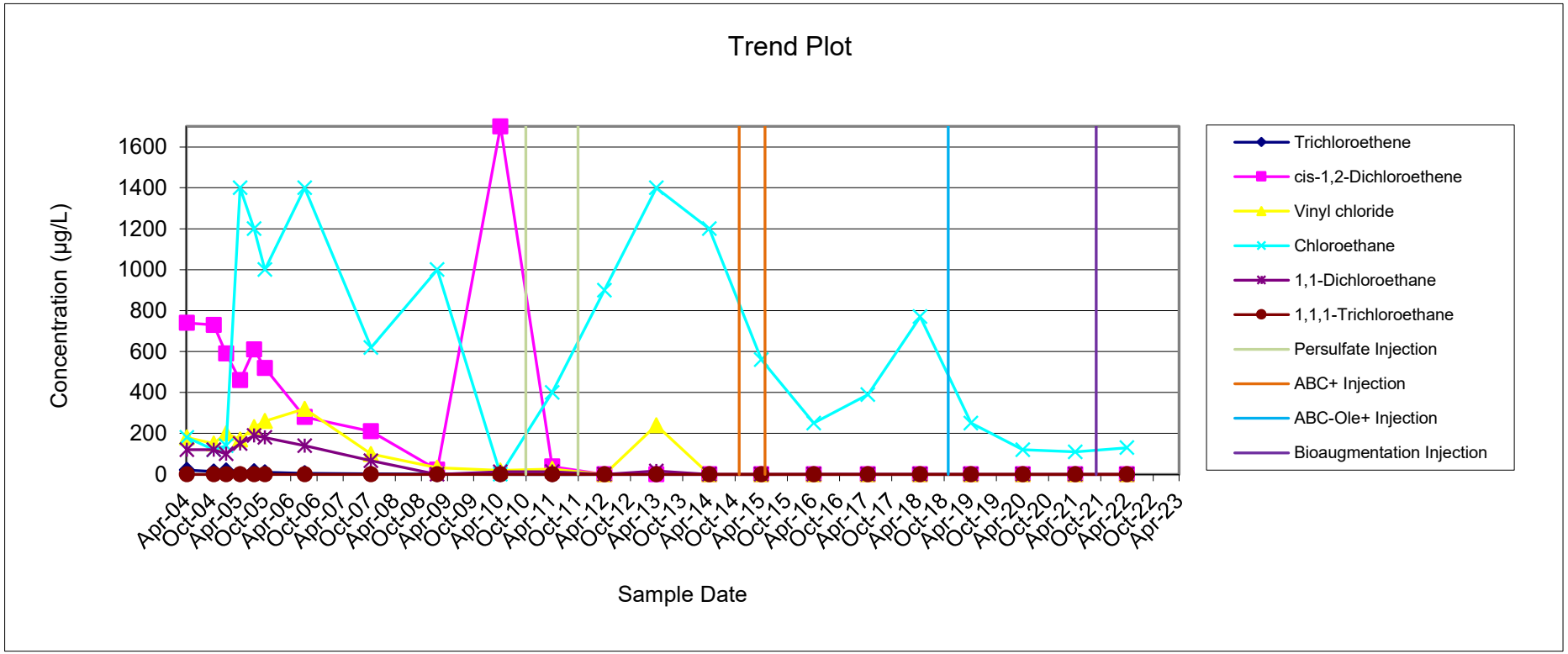
PIEZOMETER MW-15S
HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York



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
4/8/2021	<2	<2	<2	110	<2	<2
4/5/2022	<2	<2	<2	130	<2	<2

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



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

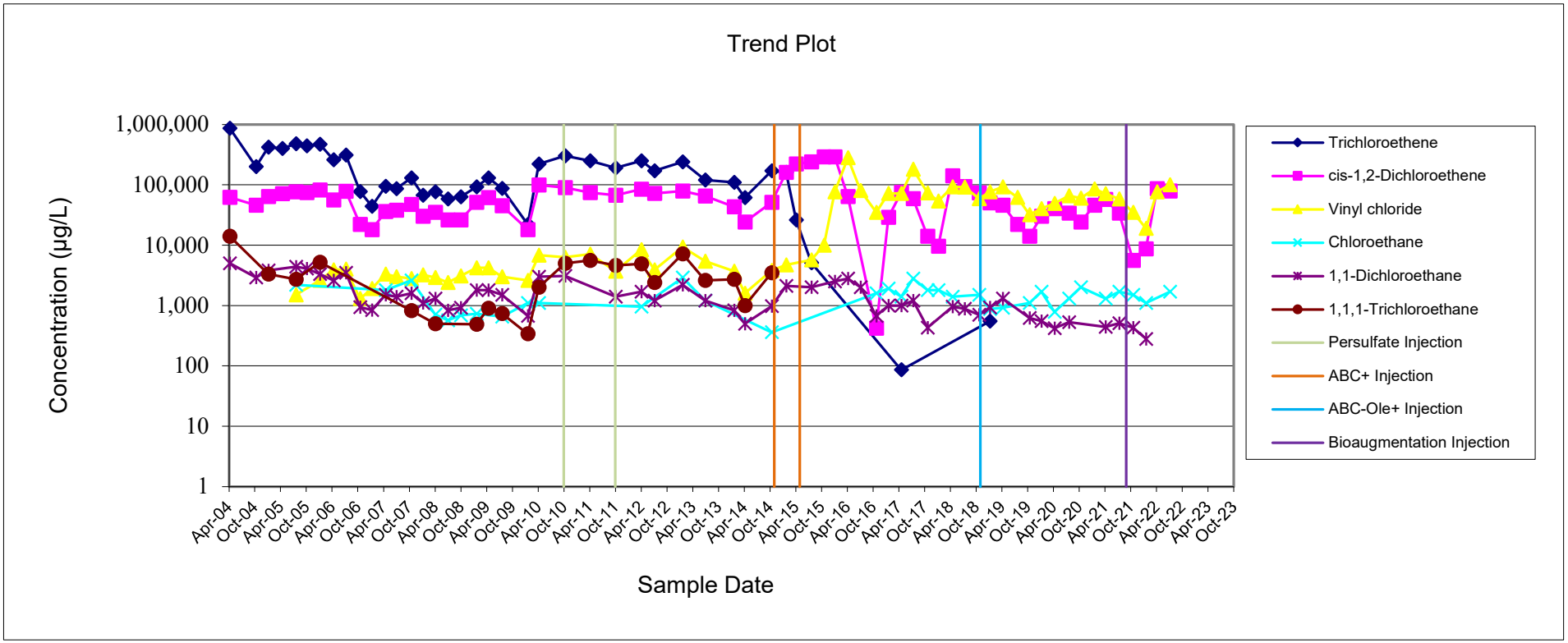
	Analytical Results (µg/L)					
Sample Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	< 20,000	< 20,000	5,000	14,000
10/12/2004	200,000	46,000	< 10,000	< 10,000	2,900	< 10,000
1/7/2005	420,000	64,000	< 10,000	< 10,000	3,800	3,300
4/15/2005	400,000	71,000	< 25,000	< 25,000	< 25,000	< 25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	< 25,000	< 25,000	4,100	< 25,000
1/6/2006	470,000	82,000	2,600	< 20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	< 20,000	2,600	< 20,000
7/10/2006	310,000	78,000	4,000	< 20,000	3,500	< 20,000
10/19/2006	77,000	22,000	1,300	< 5,000	940	< 5,000
1/10/2007	44,000	18,000	1,900	< 2,500	840	< 2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	< 5,000
7/3/2007	86,000	38,000	3,000	< 5,000	1,400	< 5,000
10/18/2007	130000	47000	2800	2600	1600	820
1/8/2008	67000	30000	3200	< 5000	1100	< 5000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	<5000
10/2/2008	63,000	26,000	3,100	690	920	<5000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	<2000	1,800	900
7/22/2009	87,000	45,000	3,000	650	1,500	740
1/19/2010	22,000	18,000	2,600	1,100	670	340
4/8/2010	220,000	99,000	6,800	1,100	3,000	2,000
10/11/2010	300,000	90,000	6,300	<20,000	3,100	5,000
4/7/2011	250,000	74,000	7,100	<4,000	<4,000	5,600
10/4/2011	190,000	67,000	3,700	<800	1,400	4,600
4/3/2012	250,000	84,000	8,400	960	1,700	4,900
7/6/2012	170,000	72,000	3,900	<2000	1,200	2,400
1/21/2013	240,000	79,000	9,300	2,900	2,200	7,200
7/1/2013	120,000	65,000	5,400	1,200	1,200	2,600
1/22/2014	110,000	43,000	3,700	<2,000	830	2,700
4/7/2014	61,000	24,000	1,600	<1000	500	1,000
10/14/2014	170,000	51,000	3,800	360	980	3,500
1/26/2015	160,000	160,000	4,700	<4,000	2,100	<4,000
4/7/2015	26,000	220,000	<4,000	<4,000	<4,000	<4,000
7/24/2015	5,100	240,000	5,700	<4,000	2,000	<4,000
10/20/2015	<4,000	290,000	10,000	<4,000	<4,000	<4,000
1/6/2016	<4,000	290,000	76,000	<4,000	2,500	<4,000
4/7/2016	<4,000	64,000	280,000	<4,000	2,800	<4,000
7/5/2016	<2,000	<2,000	80,000	<2,000	2,000	<2,000
10/26/2016	<500	420	35,000	1,600	670	<500
1/19/2017	<500	29,000	72,000	1,900	1,000	<500
4/20/2017	86	75,000	72,000	1,400	1,000	<200
7/13/2017	<1,000	59,000	180,000	2,800	1,200	<200
10/24/2017	<500	14,000	73,000	1,800	430	<500
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	<1,000	34,000	66,000	1,300	530	<1,000
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
4/7/2021	<1,000	57,000	71,000	1,300	440	<1,000
7/14/2021	<1,000	34,000	58,000	1,700	510	<1,000
10/20/2021	<1,000	5,600	35,000	1,500	430	<1,000
1/20/2022	<1,000	8,700	19,000	1,100	280	<1,000
4/7/2022	<2,000	86,000	76,000	<2,000	<2,000	<2,000
7/8/2022	<1,000	79,000	100,000	1,700	<1,000	<1,000

MONITORING WELL MW-16S

HISTORICAL AND CURRENT SUMMARY OF CHLORINATED VOCs IN GROUNDWATER

Former Scott Aviation Site

Lancaster, New York



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
4/7/2021	<1	2.5	2.7	50	0.84	<1
7/14/2021	1.5	12	16	73	2	<1
10/20/2021	1.5	12	16	73	2	<1
1/20/2022	<1	<1	<1	160	1.5	<1
4/6/2022	<2	<2	<2	89	24	<2
7/8/2022	<1	2.9	1.8	110	0.88	<1

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