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5 May 2022

Mr. Joshua Keller
Environmental Manager
Indiana Department of Environmental Management
100 North Senate Ave.
Indianapolis, IN 46204-2251

RE: Report of 2021 Annual Groundwater Monitoring at the TORX Facility
4366 North Old US Highway 31, Rochester, Indiana
Facility Cleanup ID 7100149
Wood Project Number 3031210011

Dear Mr. Keller:

Enclosed is the *Report of 2021 Annual Groundwater Monitoring* performed at the Torx Facility located in Rochester, Indiana prepared by Wood Environment & Infrastructure Solutions, Inc. (Wood). Wood completed the annual groundwater monitoring at the Torx facility in November 2021. The report presents the results of the groundwater monitoring performed in accordance with our *Remediation Completion Report* dated 7 September 2021.

Based upon the results of the 2021 annual groundwater monitoring event, the existing monitoring well network continues to provide an adequate definition of the VOC plume at the Site. It should be noted that all occupied properties with exceedances of IDEM criteria are connected to a municipal water source supplied by the South Richland Conservancy District and each property has a recorded covenant that prohibits groundwater use. Based on the results of the 2021 annual groundwater monitoring these ERCs should remain. The next annual groundwater monitoring event is planned for third quarter 2022.

If you have any questions or comments following your review of this correspondence, please call our office at 937-859-3600.

Sincerely,
Wood Environment & Infrastructure Solutions, Inc.

Paul J. Stork
Project Manager

K. Joe Deatherage, PE
Senior Engineer

Enclosure

cc: Jamison Schiff, Textron, Inc.

REPORT OF
2021 ANNUAL GROUNDWATER MONITORING

TORX FACILITY
ROCHESTER, INDIANA

Prepared for:

Textron, Inc.

Prepared by:

Wood Environment & Infrastructure Solutions, Inc.
Miamisburg, Ohio

May 2022

Project No.: 3031-21-0011

IMPORTANT NOTICE

This report was prepared exclusively for Textron, Inc. by Wood Environment & Infrastructure Solutions, Inc. The quality of information, conclusions and estimates contained herein is consistent with the level of effort involved in Wood's services and based on: i) information available at the time of preparation, ii) data supplied by outside sources and iii) the assumptions, conditions and qualifications set forth in this report. This report is intended to be used by Textron, Inc. only, subject to the terms and conditions of its contract with Wood. Any other use of, or reliance on, this report by any third party is at that party's sole risk.

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ACRONYMS

%	Percent
CVOCs	Chlorinated Volatile Organic Compounds
DCE	Dichloroethene
DVR	Data Validation Report
ERC	environmental restrictive covenant
ERD	Enhanced Reductive Dechlorination
ID	Identification
IDEM	Indiana Department of Environmental Management
MCLs	Maximum Contaminant Levels
RCG	Remediation Closure Guide
RCR	Remediation Completion Report
RPD	Relative Percent Difference
RWP	Remediation Work Plan
RSL	Residential Screening Levels
Site	Former TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
TCE	Trichloroethene
µg/L	Micrograms per Liter
USEPA	U.S. Environmental Protection Agency
Wood	Wood Environment & Infrastructure Solutions, Inc.
VOCs	Volatile Organic Compounds
ZVI	Zero Valent Iron

1.0 Introduction

Wood Environment & Infrastructure Solutions, Inc. (Wood) has prepared this report to document the results of the annual groundwater monitoring event conducted in November 2021 at and in the vicinity of the former TORX Facility (owned by Acument) located at 4366 North Old US Highway 31 in Rochester, Indiana (Site). A Site location map is presented as **Figure 1**.

1.1 Remediation Background

Remediation of chlorinated volatile organic compounds (CVOCs) in groundwater in general accordance with the June 2014 Remediation Work Plan (RWP) included in-situ chemical reduction and enhanced reductive dechlorination (ERD) technologies using various types of hydrogen release compounds and zero valent iron (ZVI). These compounds were injected into the aquifer beneath the Site to reduce the extent of source area CVOCs. The primary CVOCs detected in groundwater beneath the Site targeted for remediation have included:

- 1,1-dichloroethene (DCE)
- cis-1,2-DCE
- trans-1,2-DCE
- Trichloroethene (TCE)
- Tetrachloroethene
- Vinyl chloride

Full-scale remediation injection activities commenced in 2015. Additional polishing injections were performed in 2016 and 2017. Remediation performance monitoring was conducted on a quarterly basis using a subset of approximately 40 performance monitoring wells beginning in 2015 and ending in November 2018. The performance groundwater monitoring demonstrated significant and long-lasting reductions of CVOCs at the site. Quarterly stability groundwater monitoring and semi-annual treatment area groundwater monitoring began in February 2019 and continued through 2020.

Following completion of performance and stability monitoring, a Remediation Completion Report (RCR) was prepared by Wood and submitted to the Indiana Department of Environmental Management (IDEM) on 7 September 2021. As detailed in the RCR results of the performance groundwater monitoring program demonstrated that the remediation was effective in significantly reducing the CVOCs in the groundwater at the Site. Data from the stability monitoring phase established that the chlorinated VOC plume was reduced by approximately 99% in mass when

compared to pre-remediation baseline groundwater concentrations. The successful groundwater remediation coupled with the engineering and institutional controls implemented provide solid evidence that the remaining contaminant plume is stable, and therefore further active remedial efforts are not warranted. The RCR recommended continued groundwater monitoring and reporting to assess the continued need for the environmental restrictive covenants (ERCs) that are in place. On 15 February 2022, IDEM issued a response letter to the RCR submittal and stated that the groundwater contaminant plume appears to be stable and that the proposed continued annual monitoring to evaluate the need for continued ERCs is acceptable. IDEM also stated that closure for the Site will be granted following discontinuation of annual groundwater monitoring and reporting and proper abandonment of the groundwater monitoring well network and chemical injection locations.

As part of continued annual groundwater monitoring a subset of approximately 41 monitoring wells are sampled for volatile organic compounds (VOCs). Details of the monitoring well selection are provided in Section 2.1. A summary of the past remediation activities and groundwater monitoring conducted at the Site are provided in previously submitted reports on file with IDEM.

1.2 Annual Groundwater Monitoring Objectives

The objectives of the annual groundwater monitoring include; an evaluation of flow direction in the groundwater units (shallow, intermediate, and deep), an assessment of the concentrations of CVOCs in groundwater from a subset of monitoring wells, and identification of any significant changes since the 2020 annual groundwater monitoring event. In addition to fulfilling these objectives, the groundwater monitoring results provide data for use in evaluating the continued need for the ERCs that are in place following completion of RWP activities.

1.3 Scope of Work

Wood completed the following scope of work as part of the annual groundwater monitoring event:

- Determined groundwater elevations by measuring depth to groundwater in the monitoring well network on and in the vicinity of the Site,
- Collected groundwater samples from a subset of the monitoring well network,
- Analyzed groundwater samples for VOCs,
- Prepared this report summarizing the results of the analyses in comparison to regulatory standards and previous findings.

2.0 Annual Groundwater Monitoring

2.1 Monitoring Well Network

The monitoring well network extends from Fulton County Road 450 N southward to near the Tippecanoe River. A subset of wells in the network was selected for annual monitoring are shown on **Figure 2**. Routine monitoring began on a quarterly basis in 2009. The frequency was incrementally reduced because of the demonstrated stability of the groundwater plume and is currently performed on an annual basis. **Table 1** presents the monitoring wells included in the annual groundwater monitoring. **Table 2** presents the monitoring wells gauged for depth to groundwater to determine the groundwater elevations. Also included in **Table 2** is the list of monitoring wells used in groundwater contour mapping, including identification of the relevant groundwater zone screened by each well.

2.2 Groundwater Elevations and Flow

On 8 November 2021, prior to commencing groundwater monitoring, the depth to groundwater was gauged in the monitoring well network listed in **Table 2**. Groundwater elevations were calculated using the top of monitoring well casing elevations previously determined by a registered surveyor.

Using the calculated water elevations for 8 November 2021, groundwater contour maps were prepared for the shallow overburden wells (**Figure 3**), intermediate depth overburden wells (**Figure 4**), and deep overburden wells (**Figure 5**). The list of monitoring wells used for groundwater contour mapping is consistent with **Table 2**, with the following exceptions:

- Depth to water in monitoring well MW-1 was not gauged on 8 November 2021 because it could not be located.
- Because the Acument facility is vacant, the depth to water measurements were not obtained from the monitoring wells MW-65(32), MW-67(30), MW-68(32), MW-71(33), MW-72(32), MW-75(32), MW-76(30), MW-77(41), MW-78(35), and MW-79(30) on 8 November 2021 due to the facility being locked.

Based on the groundwater contour maps, groundwater flow in the water bearing units appears to be as follows:

- Shallow overburden - There appears to be two dominant components of groundwater flow in the shallow overburden zone. Groundwater flows east-southeast in the area of the Site and North Old US Highway 31, then once groundwater reaches the Eastern Pond area and E 425 N, the flow direction is predominantly to the south-southeast.

- Intermediate overburden – In the intermediate overburden zone, groundwater flow is predominantly south-southeast in the area east of North Old US Highway 31 and south-southwest in the area west of North Old US Highway 31. The groundwater flow along the eastern edge of the study area at and downgradient of MW-31(55.5) begins to flow south-southwest. Once groundwater reaches E 425 N the flow direction is predominantly southward.
- Deep overburden - In the deep overburden zone, groundwater flow is predominantly southward.

The groundwater flow appears to be generally consistent with previous events.

2.3 Groundwater Monitoring Procedures

Between 8 November 2021 and 18 November 2021, groundwater samples were collected from 40 of the 41 monitoring wells screened in the overburden aquifer that comprise the annual groundwater monitoring well network identified in **Table 1**. A Groundwater sample could not be collected from MW-1 due to monitoring well access issues. Copies of all sample collection forms are presented in **Appendix A**.

The monitoring wells in the network that are 2-inch diameter were purged and sampled using a low-flow bladder pump. Prior to collection of the groundwater samples, groundwater was purged from the wells using standard low-flow procedures. Groundwater field parameters including pH, temperature, specific conductivity, oxidation-reduction potential (ORP), dissolved oxygen (DO), and turbidity were measured during the purging using a multi-parameter water quality sonde and flow through cell connected to the pump discharge tubing. The water quality indicators were recorded at regular intervals (approximately every 5 minutes) until at least three sequential readings showed stabilization of groundwater water quality parameters. Upon achieving stabilization, groundwater samples were collected directly from the pump discharge tubing into the laboratory supplied containers.

The 1.5-inch diameter monitoring wells located inside the former Acument Facility were purged and sampled using new disposable 0.75-inch diameter polyethylene bailers. Prior to sample collection, at least three wellbore volumes of groundwater were removed from each well. Groundwater samples were collected directly from the bailers.

Groundwater samples were collected into laboratory-supplied, pre-preserved vials and labeled with the sampling information. Quality control samples including replicate samples, field blanks, equipment blanks, and trip blanks were also submitted. Field blanks were collected by filling a

laboratory supplied container with deionized water. Equipment blanks were collected by pouring deionized water through the decontaminated pump and into the sampling container. Trip blanks were prepared by the laboratory and accompanied the samples during transport. A trip blank accompanied each shipment of VOC samples.

Following sample collection, the sample containers were placed on ice in coolers and coolers were picked up by a lab courier under chain of custody and delivered to ALS Environmental laboratory in Holland, Michigan for VOC analysis by United States Environmental Protection Agency (USEPA) Method SW8260C.

Sampling pumps were decontaminated between wells using a Liquinox® soap and water wash, potable water rinse, and distilled water rinse. Disposable equipment was discarded between each well.

3.0 Laboratory Analyses

The VOC analyses were completed by ALS Environmental laboratory. The VOC concentrations in the source area wells have generally decreased relative to the 2020 monitoring event while a few wells have increased VOC concentrations relative to the 2020 monitoring event. The results of the VOC analyses are summarized in **Table 3**, and the laboratory reports along with the data validation report are included in **Appendix B**. **Figure 6** shows VOC concentrations detected in the groundwater samples collected during the November 2021 groundwater monitoring event. The following subsections summarize the results of the analyses.

3.1 VOCs in the Overburden Aquifer

The following VOCs, which were previously identified as chemicals of concern at the Site, were detected at concentrations greater than corresponding USEPA Maximum Contaminant Levels (MCLs) and IDEM Remediation Closure Guide (RCG) Appendix A, Residential Screening Levels (RSLs) in one or more of the November 2021 groundwater samples collected from the overburden monitoring wells.

- TCE
- cis-1,2-DCE
- 1,1-DCE
- Vinyl chloride

Other VOCs detected in the groundwater at concentrations below the IDEM RCG RSLs and USEPA MCLs include trans-1-2-DCE.

VOC concentrations, particularly for TCE and the degradation products cis-1,2-DCE and vinyl chloride, were highest in and immediately downgradient of the source area. The following lists the maximum CVOC concentrations detected for each chemical of concern associated with the Site.

- TCE: 4,100 micrograms per liter (µg/L) in sample MW-59(46), up from the 2020 maximum of 380 µg/L in sample MW-59(46).
- 1,1-DCE: 130 µg/L in sample MW-59(46), consistent with the 2020 maximum concentration of 130 µg/L in sample MW-59(46).
- Cis-1,2-DCE: 5,900 µg/L in sample MW-59(46), up from the 2020 maximum of 2,800 µg/L in sample MW-59(46).

- Vinyl chloride: 620 µg/L in sample MW-59(46), down from the 2020 maximum of 1,100 µg/L in sample MW-59(46).

There has been significant overall contamination reduction as a result of remediation activities. TCE was only detected above the USEPA MCL and IDEM RSL in the November 2021 in monitoring wells: MW-17, MW-30(41.1), MW-34(85), and MW-59(46). Trans-1,2-DCE was not detected above the USEPA MCL and IDEM RSL in the November 2021 samples. 1,1-DCE was only detected above the MCL/RSL in the November 2021 samples from well MW-59(46). Cis-1,2 DCE was only detected above the MCL/RSL in the November 2021 samples in monitoring wells: MW-30(41.1), MW-59(46), and MW-60(38). The maximum vinyl chloride concentrations continue to be detected in the source area monitoring wells MW-59(46) and MW-60(38), west of the Acument site building and east of the Western Pond.

In general, contaminant concentrations have significantly decreased when compared to historical sampling events. The following observations are noted in the analytical results for groundwater samples collected in November 2021 relative to the prior annual sampling event:

- TCE at MW-17 at the downgradient treatment boundary has decreased for five consecutive annual events and is now at a historic low concentration. The TCE concentration detected in MW-30(41.1) remains near its historic low concentration, demonstrating the effects from the CVOC reduction within the treatment area over the last four years in this well located approximately 800 feet down-gradient of the treatment zone. Related, the downgradient edge of the TCE plume at MW-34(85) has been relatively stable to decreasing since the initial sampling of this well in 2009. TCE increased in 2021 in source area well MW-59(46) to a concentration of 4,100 µg/L.
- Cis-1,2-DCE concentrations remained relatively stable and well below the MCL/RSL of 70 µg/L in source area wells MW-67(30) and MW-71(33) but increased in source area wells MW-59(46) (5,900 µg/L) and MW-60(38) (440 µg/L). Cis-1,2-DCE remained near a historic low below criteria in MW-17 at the downgradient treatment boundary. Cis-1,2-DCE concentrations remained stable and below the MCL/RSL in upgradient wells MW-19(53) and in downgradient wells MW-25(82), MW-17, and MW-32(24.1). Cis-1,2-DCE increased slightly and remains above criteria at MW-30(41.1) downgradient of the treatment area.
- Trans-1,2-DCE remained consistent well below the MCL/RSL in monitoring well MW-30(41.1).

- 1,1-DCE remained consistent above the MCL/RSL of 7.0 ug/L in source area monitoring well MW-59(46). In addition, 1,1-DCE was detected in MW-60(38) at a concentration below the UMCL/RSL.

- Vinyl chloride decreased to below the detection limit in source area monitoring well MW-67(30), MW-20(51) downgradient of the source area, and downgradient well MW-35(90). Vinyl chloride decreased in source area monitoring wells MW-60(38) and MW-59(46) but remained above the MCL/RSL. Vinyl chloride increase in downgradient monitoring well to above the laboratory reporting limit in MW-51(70) but below the MCL/RSL. Vinyl chloride remained relatively stable at or slightly above the MCL/RSL in downgradient monitoring wells MW-17, MW-19(53), MW-25(82), MW-32(89), MW-31(98.5), and MW-38(69.9), Vinyl chloride decreased and remains above criteria in MW-30(41.1) and increased slightly and is slightly above criteria in MW-48(159). Vinyl chloride increased but remained below the MCL/RSL in monitoring well MW-51(70).

In order to evaluate the concentration of CVOCs at the down-gradient leading edge of the plume, several groundwater monitoring well nests are designated as sentinel well locations. These sentinel monitoring well nest locations include: MW-29, MW-35, MW-36, MW-37, MW-38, MW-39, MW-50, and MW-51. Groundwater samples collected from the sentinel wells did not contain chlorinated VOCs above the laboratory reporting limit with the following exceptions:

- Vinyl chloride was detected in the groundwater sample collected from sentinel well MW-38(69.9) above the MCL/RSL at a concentration of 3.9 µg/L.

- Vinyl chloride was detected in the groundwater sample collected from sentinel well MW-51(70) below the MCL/RSL at a concentration of 1.7 µg/L.

Groundwater samples collected from the intermediate and deep overburden sentinel wells [MW-29(1030.3), MW-35(90), MW-36(92.4), MW-37(98), MW-39(29.3)] and MW-50(80) did not contain chlorinated VOCs above the laboratory reporting limits.

3.2 Quality Control Sample Results

The Data Validation Report (DVR) is included in **Appendix B.** The validation included an evaluation of the data quality and a review of the field quality assurance sample results**.** The laboratory data generally conformed to the guidelines in the Quality Assurance Project Plan. Data qualifiers assigned during data validation are included in **Table 3**. Laboratory data conformed to the guidelines in the Quality Assurance Project Plan with a few exceptions. A detail of the exceptions is presented in Appendix B. The exceptions include:

- Several sample identifications (IDs) were changed by the laboratory at the direction of Wood in order to be consistent with established nomenclature for the project. Sample IDs ATR-MW-19(58)-111821, ATR-MW-36(42.2)-111821, ATR-MW-54(46)-1111821, and ATR-MW-60(88)-111821; on the COC were logged by the laboratory as ATR-MW-19(53)-111821, ATR-MW-36(92.4)-111821, ATR-MW-59(46)-1111821, and ATR-MW-60(38)-111821.

- The percent difference for vinyl chloride, cis-1,3-dichloropropene, trans-1,3-dichlropropene, 2-hexanone, and 4-methyl-2-pentanone in various analytical batches exceeded the project goal of 20. The reporting limits for these VOCs in associated samples were qualified estimated (J/UJ). Qualified results are summarized in Table 3 of the DVR with reason code CCV%D.

- The trip blank associated with SDG 21111249 had acetone and chloromethane concentrations greater than the reporting limit. Sample ATR-MW-71 (33)-110921 had an acetone concentration greater than the reporting limit, but less than the reported concentration in the trip blank. Sample ATR-MW-38 (20.8)-110921 had a chloromethane concentration greater than the reporting limit, but less than the reported concentration in the trip blank. Both sample results are qualified not detected (U) at the reported sample result. Qualified results are summarized in Table 3 of the DVR with reason code BL2. All other associated samples are non-detect for acetone. Neither acetone nor chloromethane is a Site chemical of concern.

  Due to concurring LCS qualifications, sample ATR-MW-38 (20.8)-110921 is qualified estimated (UJ).

- In the laboratory control sample (LCS) associated with batch VMS11_211126A, the percent recoveries of bromomethane (67) and chloromethane (65) were lower than the limit of 70. Bromomethane and chloromethane were not detected in the associated samples and the reporting limits were qualified estimated (UJ). Qualified results are summarized in Table 3 of the DVR with reason code LCSL.

- In the LCS associated with batch VMS8_211126B, the percent recovery of chloromethane (49) was lower than the limit of 70. Chloromethane was not detected in the associated sample and the reporting limit was qualified estimated (UJ). Qualified results are summarized in Table 3 of the DVR with reason code LCSL.

- In the LCS associated with batch VMS8_211118A, the percent recoveries of chloromethane (47) and vinyl chloride (62) were lower than the limit of 70. Chloroethane and vinyl chloride were not detected in the associated samples and the reporting limits were qualified estimated (UJ). Qualified results are summarized in Table 3 of the DVR with reason code LCSL.

- In the LCS associated with batch VMS8_211118B, the percent recoveries of chloromethane (59) and chloroethane (66) were lower than the limit of 70. Chloroethane and chloroethane were not detected in the associated samples and the reporting limits were qualified estimated (UJ). Qualified results are summarized in Table 3 of the DVR with reason code LCSL.

- In the MS/MSD associated with sample ATR-MW-51 (70)-110921, the percent recoveries for chloroethane (71/67), and chloromethane (54/53) were less than the 70-130 control limits, indicating a potential low bias. The reporting limits were qualified estimated (UJ) and is included in Table 3 of the DVR with reason code MSL.

- In the MS/MSD associated with sample ATR-MW-37 (98)-110921, the percent recoveries for chloromethane (51/48) were less than the 70-130 control limits, indicating a potential low bias. The reporting limits were qualified estimated (UJ) and is included in Table 3 of the DVR with reason code MSL.

- In the MS/MSD associated with sample ATR-MW-30 (41.1)-110921, the percent recoveries for chloromethane (41/39) and vinyl chloride (73/67) were less than the 70-130 control limits, indicating a potential low bias. The reporting limits were qualified estimated (J-/UJ) and is included in Table 3 of the DVRE with reason code MSL.

- In the MS/MSD associated with sample ATR-OW6(63)-111721, the percent recoveries for bromomethane (57/57) were less than the 70-130 control limits, indicating a potential low bias. The reporting limits were qualified estimated (UJ) and is included in Table 3 of the DVR with reason code MSL.

- In the MS/MSD associated with sample ATR-MW59(46)-111821, the percent recoveries for chloromethane (57/55) were less than the 70-130 control limits, indicating a potential low bias. The reporting limit was qualified estimated (UJ) and is included in Table 3 of the DVR with reason code MSL.

- Percent recovery of the surrogate 4-bromofluorobenzene (84) in sample ATR-MW-32 (24.1)-110921 was less than the 85-115 control limits, indicating potential low bias. Cis-1,2-dichloroethene was detected in the associated sample and the reported concentration was qualified as estimated (J-). The remaining analytes were not detected, and the reporting limits were qualified as estimated (UJ). Qualified results are included in Table 3 of the DVR with reason code SSL.

In accordance with the Quality Assurance Project Plan, one equipment blank was collected per day, one field replicate was collected per 20 groundwater samples collected, one matrix spike and matrix spike duplicate were run at a rate of one per 20 samples collected, one field blank for the groundwater monitoring event was collected and submitted, and one trip blank for each cooler containing VOC samples was submitted and analyzed for VOCs.

There was generally good agreement between the VOC concentrations reported in the replicate samples and primary samples. The relative percent difference (RPD) between the primary and replicate results met the RPD goal of 25% or less for all detected COCs.

Acetone was also detected in the groundwater sample ATR-MW-71(33)-110921 at a concentration of 12 ug/L. In addition, acetone was detected in the Trip Blank sample submitted on 9 November 2021 and 17 November 2021 at concentrations of 38 ug/L and 46 ug/L, respectively. Acetone is a common laboratory contaminate and not a chemical of concern for the Site.

Chloromethane was detected in the groundwater sample ATR-MW-38 (20.8)-110921 at a concentration of 1.1 ug/L. It should also be noted that chloromethane was detected in the Trip Blank samples submitted on 9 November 2021 and 17 November 202 at concentrations of 1.4 ug/L and 2.1 ug/L, respectively. Chloromethane is a disinfection biproduct commonly found in treated drinking water and is not a chemical of concern for the Site.

4.0 Conclusions

Groundwater flow in the water-bearing units as determined based upon the 8 November 2021 depth to water measurements is generally consistent with previous monitoring events. The full-scale remedial actions have effectively reduced the contaminant mass in the source area and decreases in the VOC concentrations at down gradient monitoring locations have been observed. VOCs including cis-1,2-DCE, 1,1-DCE, TCE, and vinyl chloride were identified in groundwater at concentrations exceeding the USEPA MCLs and IDEM RCG RSLs. VOC concentrations, particularly for the degradation products cis-1,2-DCE and vinyl chloride, were highest in and immediately downgradient of the source area.

The TCE results demonstrate that the parent compound has both been significantly reduced. The vinyl chloride and cis-1,2-DCE results demonstrate that these degradation products have also been reduced significantly both in the source area and downgradient plume.

TCE (4,100 µg/L) and cis-1,2-DCE (5,900 µg/L) increased in 2021 in source area well MW-59(46), however, historical concentrations in the source area prior to completion of remediation were significantly higher, e.g., TCE and cis-1,2-DCE in nearby MW-81(27) at 14,000 µg/L and 67,000 µg/L, respectively, and therefore the recent increase at MW-59(46) is not expected to affect the demonstrated stability of the remaining contaminant plume.

Vinyl chloride was detected in sentinel well MW-38(69.9) at a concentration of 3.9 µg/L, which exceeds the MCL/RSL of 2.0 µg/L, while vinyl chloride in all other sentinel wells was below the MCL/RSL. The exceedance is consistent with recent annual monitoring events and will continue to be evaluated during the 2022 annual groundwater monitoring.

Based upon the results of the 2021 annual groundwater monitoring event, the existing monitoring well network continues to provide an adequate definition of the VOC plume at the Site. It should be noted that all occupied properties with exceedances of IDEM criteria are connected to a municipal water source supplied by the South Richland Conservancy District and each property has a recorded covenant that prohibits groundwater use. Based on the results of the 2021 annual groundwater monitoring these ERCs should remain. The next annual groundwater monitoring event is planned for third quarter 2022.

TABLES

Table 1

Monitoring Well Network for Annual Groundwater Sampling
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well ID	Monitoring Well ID	Monitoring Well ID
MW-1	MW-35(45)	MW-51(70)
MW-3	MW-35(90)	MW-52(55)
MW-17	MW-36(35.2)	MW-59(46)
MW-19(53)	MW-36(92.4)	MW-60(38)
MW-20(51)	MW-37(23.3)	MW-67(30)
MW-25(82)	MW-37(70)	MW-71(33)
MW-29(82.5)	MW-37(98)	MW-84(44)
MW-29(103.3)	MW-38(20.8)	OW-6(38)
MW-30(41.1)	MW-38(29.1)	OW-6(63)
MW-31(30.9)	MW-38(69.9)	
MW-31(55.5)	MW-39(13)	
MW-31(98.5)	MW-39(29.3)	
MW-32(24.1)	MW-48(159)	
MW-32(89)	MW-50(45)	
MW-34(37)	MW-50(80)	
MW-34(85)	MW-51(25)	

Prepared By: RH

Checked By: PJS

Table 2

Surveyed Elevation Data and Depth to Water for Monitoring Wells Used for Annual Groundwater Elevation Contour Mapping
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well / Point ID	Date Measured	Top of Casing Elevation[1]	Depth to Water (btoc)[2]	Ground Water Elevation
Shallow Overburden Wells Used for Groundwater Elevation Contour Mapping				
MW-1	11/08/21	840.48	NM	NM
MW-3	11/08/21	805.45	21.09	784.36
MW-5	11/08/21	807.89	22.61	785.28
MW-6C	11/08/21	810.40	26.34	784.06
MW-9C	11/08/21	808.16	24.09	784.07
MW-12	11/08/21	808.46	24.40	784.06
MW-13	11/08/21	806.67	22.65	784.02
MW-14	11/08/21	802.70	18.92	783.78
MW-16	11/08/21	791.18	10.00	781.18
MW-17	11/08/21	784.41	3.85	780.56
MW-20(35)	11/08/21	810.42	26.35	784.07
MW-21(40.2)	11/08/21	810.33	26.50	783.83
MW-23(39.9)	11/08/21	816.67	32.55	784.12
MW-24(24.9)	11/08/21	804.92	21.20	783.72
MW-25(16.4)	11/08/21	791.93	8.65	783.28
MW-26(17.5)	11/08/21	792.16	11.12	781.04
MW-27(18)	11/08/21	785.82	5.02	780.80
MW-30(41.1)	11/08/21	794.57	20.86	773.71
MW-31(30.9)	11/08/21	781.48	9.81	771.67
MW-32(24.1)	11/08/21	787.80	21.00	766.80
MW-36(35.2)	11/08/21	770.03	16.82	753.21
MW-37(23.3)	11/08/21	757.91	9.23	748.68
MW-38(20.8)	11/08/21	758.49	6.50	751.99
MW-39(13)	11/08/21	754.88	3.68	751.20
MW-49(20)	11/08/21	792.30	13.77	778.53
MW-50(45)	11/08/21	770.58	7.42	763.16
MW-51(25)	11/08/21	756.74	2.65	754.09
MW-53(41)	11/08/21	809.87	25.61	784.26
MW-57(38)	11/08/21	795.51	7.97	787.54
MW-59(29)	11/08/21	799.57	15.11	784.46
MW-60(38)	11/08/21	798.51	13.25	785.26
MW-62(36)	11/08/21	810.71	26.62	784.09
MW-65(32)	11/08/21	809.40	NM	NM
MW-67(30)	11/09/21	809.53	25.18	784.35
MW-68(32)	11/08/21	809.46	NM	NM
MW-71(33)	11/09/21	809.15	24.80	784.35
MW-72(32)	11/08/21	808.92	NM	NM
MW-75(32)	11/08/21	809.39	NM	NM
MW-76(30)	11/08/21	809.28	NM	NM
MW-77(41)	11/08/21	809.39	NM	NM
MW-78(35)	11/08/21	809.30	NM	NM

Table 2

Surveyed Elevation Data and Depth to Water for Monitoring Wells Used for Annual Groundwater Elevation Contour Mapping
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well / Point ID	Date Measured	Top of Casing Elevation[1]	Depth to Water (btoc)[2]	Ground Water Elevation
MW-79(30)	11/08/21	809.26	NM	NM
MW-81(27)	11/08/21	798.34	13.61	784.73
MW-84(44)	11/08/21	824.91	41.20	783.71
MW-85(39)	11/08/21	796.49	12.92	783.57
MW-89(28)	11/08/21	797.77	13.32	784.45
OW-1(28)	11/08/21	805.18	21.22	783.96
OW-2(33)	11/08/21	805.54	21.69	783.85
OW-3(35)	11/08/21	801.72	18.05	783.67
OW-4(35)	11/08/21	801.35	18.14	783.21
OW-5(16)	11/08/21	790.72	9.35	781.37
OW-6(38)	11/08/21	789.27	9.47	779.80
PM-2	11/08/21	798.45	NM	NM
PM-3	11/08/21	808.40	NM	NM
ZVI-2(17.5)	11/08/21	791.17	10.14	781.03
Intermediate Overburden Wells Used for Groundwater Elevation Contour Mapping				
MW-9B	11/08/21	808.07	24.00	784.07
MW-15	11/08/21	792.90	9.95	782.95
MW-19(53)	11/08/21	809.56	25.46	784.10
MW-20(51)	11/08/21	810.41	26.35	784.06
MW-24(55.4)	11/08/21	804.94	21.17	783.77
MW-25(45.2)	11/08/21	791.91	8.96	782.95
MW-26(58.2)	11/08/21	792.17	10.42	781.75
MW-27(53.05)	11/08/21	785.84	4.12	781.72
MW-29(82.5)	11/08/21	801.45	26.11	775.34
MW-31(55.5)	11/08/21	781.47	10.29	771.18
MW-32(89)	11/08/21	787.85	34.11	753.74
MW-33(70.9)	11/08/21	795.09	41.61	753.48
MW-34(85)	11/08/21	777.54	24.02	753.52
MW-35(90)	11/08/21	781.37	28.00	753.37
MW-36(92.4)	11/08/21	770.06	16.89	753.17
MW-37(70)	11/08/21	758.02	6.30	751.72
MW-38(69.9)	11/08/21	758.48	5.90	752.58
MW-39(29.3)	11/08/21	754.91	3.38	751.53
MW-46(95.5)	11/08/21	814.41	58.70	755.71
MW-49(45)	11/08/21	792.24	10.75	781.49
MW-50(80)	11/08/21	770.61	8.35	762.26
MW-51(70)	11/08/21	756.74	2.67	754.07
MW-52(55)	11/08/21	798.84	15.76	783.08
MW-55(49)	11/08/21	799.24	15.20	784.04
MW-56(50)	11/08/21	797.23	11.51	785.72
MW-82(58)	11/08/21	807.38	23.34	784.04
MW-83(64)	11/08/21	807.67	23.72	783.95

Table 2

Surveyed Elevation Data and Depth to Water for Monitoring Wells Used for Annual Groundwater Elevation Contour Mapping
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well / Point ID	Date Measured	Top of Casing Elevation[1]	Depth to Water (btoc)[2]	Ground Water Elevation
MW-84(65)	11/08/21	824.56	41.07	783.49
OW-1(39)	11/08/21	805.15	21.20	783.95
OW-2(53)	11/08/21	805.50	21.65	783.85
OW-3(55)	11/08/21	801.66	18.00	783.66
OW-4(54)	11/08/21	801.33	18.04	783.29
OW-5(35)	11/08/21	790.76	8.42	782.34
OW-6(63)	11/08/21	789.27	8.81	780.46
ZVI-2(32.5)	11/08/21	791.19	10.02	781.17
Deep Wells Used for Groundwater Elevation Contour Mapping				
MW-20(155)	11/08/21	810.44	28.70	781.74
MW-23(122.7)	11/08/21	816.69	32.30	784.39
MW-29(132.8)	11/08/21	801.47	28.26	773.21
MW-31(139.2)	11/08/21	781.48	20.91	760.57
MW-32(110)	11/08/21	787.82	34.08	753.74
MW-35(148)	11/08/21	781.34	28.01	753.33
MW-36(124.5)	11/08/21	770.09	16.86	753.23
MW-37(98)	11/08/21	758.04	6.30	751.74
MW-38(102.5)	11/08/21	758.50	5.92	752.58
MW-39(76.8)	11/08/21	754.87	2.98	751.89
MW-48(159)	11/08/21	806.93	27.61	779.32
MW-49(200)	11/08/21	792.26	33.10	759.16
MW-52(148)	11/08/21	798.81	17.02	781.79
MW-85(130)	11/08/21	796.46	12.72	783.74

NM - Not measured

[1] Top of casing elevation established using NAVD 88 datum (US survey feet)

[2] Below top of casing (feet)

Prepared By: RLB
Checked By: RLH

Table 3
Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected from 2019 through 2021
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl chloride
MW-1	08/15/19	1 U	**1.0**	1 U	1 U	1 U	1 U
MW-1	09/10/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-1	11/08/21	NA	NA	NA	NA	NA	NA
MW-3	08/22/19	1 U	1 U	1 U	1 U	1 U	**3.4**
MW-3	09/11/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-3	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-17	02/05/19	1 U	**21**	1 U	1 U	**42**	1 UJ
MW-17	05/16/19	1 U	**23**	1 U	1 U	**42**	**1.2**
MW-17	08/20/19	1 U	**20**	1 U	1 U	**39**	**1.6**
MW-17	11/25/19	1 U	**19**	1 U	1 U	**30**	**2.2**
MW-17	02/17/20	1 U	**15**	1 U	1 U	**27**	**3.4**
MW-17	06/16/20	1 U	**22**	1 U	1 U	**17**	**3.6**
MW-17-R	06/16/20	1 U	**22**	1 U	1 U	**17**	**3.8**
MW-17	09/14/20	1 U	**19 J+**	1 U	1 U	**24 J+**	**3.1 J+**
MW-17	12/15/20	1 U	**16**	1 U	1 U	**21**	**2.4**
MW-17-R	12/15/20	1 U	**16**	1 U	1 U	**22**	**2.3**
MW-17	11/17/21	1 U	**17**	1 U	1 U	**15**	**2.0**
MW-19(53)	08/16/19	1 U	**24**	1 U	1 U	1 U	**23**
MW-19(53)	09/10/20	1 U	**19**	1 U	1 U	1 U	**18**
MW-19(53)	11/18/21	1 U	**19**	1 U	1 U	1 U	**16**
MW-20(51)	02/07/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-20(51)	08/20/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-20(51)	02/19/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-20(51)	09/13/20	1 U	1 U	1 U	1 U	1 U	**33 J+**
MW-20(51)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-25(82)	02/06/19	1 U	**1.4**	1 U	1 U	1 U	**2.8 J**
MW-25(82)	08/20/19	1 U	**1.5**	1 U	1 U	1 U	**3.6**
MW-25(82)	02/18/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-25(82)-R	02/18/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-25(82)	09/14/20	1 U	**1.1**	1 U	1 U	1 U	**2.7**
MW-25(82)	11/18/21	1 U	**1.3**	1 U	1 U	1 U	**3.0**

Table 3
Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected from 2019 through 2021
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl chloride
MW-29(82.5)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(82.5)	09/09/20	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
MW-29(82.5)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(103.3)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(103.3)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(103.3)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-30(41.1)	08/15/19	1 U	**110**	**2.5**	1 U	**42**	**2.6**
MW-30(41.1)	09/10/20	1 U	**140**	**2.0**	1 U	**11**	**29 J+**
MW-30(41.1)	11/09/21	1 U	**160**	**2.2**	1 U	**17**	**20 J-**
MW-31(30.9)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(30.9)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(30.9)	11/08/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(55.5)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(55.5)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(55.5)	11/08/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(98.5)	08/14/19	1 U	1 U	1 U	1 U	1 U	**3.0**
MW-31(98.5)-R	08/14/19	1 U	1 U	1 U	1 U	1 U	**3.0**
MW-31(98.5)	09/09/20	1 U	1 U	1 U	1 U	1 U	**2.1**
MW-31(98.5)-R	09/09/20	1 U	1 U	1 U	1 U	1 U	**2.1**
MW-31(98.5)	11/08/21	1 U	1 U	1 U	1 U	1 U	**2.5**
MW-32(24.1)	08/15/19	1 U	**1.5**	1 U	1 U	1 U	1 U
MW-32(24.1)	09/09/20	1 UJ	**1.5 J-**	1 UJ	1 UJ	1 UJ	1 UJ
MW-32(24.1)	11/09/21	1 UJ	**1.3 J-**	1 UJ	1 UJ	1 UJ	1 UJ
MW-32(89)	08/15/19	1 U	1 U	1 U	1 U	1 U	**14**
MW-32(89)	09/09/20	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	**8.7 J-**
MW-32(89)	11/09/21	1 U	1 U	1 U	1 U	1 U	**13**
MW-34(37)	08/15/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-34(37)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-34(37)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-34(37)-R	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected from 2019 through 2021
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl chloride
MW-34(85)	08/15/19	1 U	1 U	1 U	1 U	**20**	1 U
MW-34(85)	09/10/20	1 U	1 U	1 U	1 U	**15**	1 U
MW-34(85)	11/09/21	1 U	1 U	1 U	1 U	**16**	1 U
MW-35(45)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-35(45)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-35(45)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-35(90)	08/14/19	1 U	1 U	1 U	1 U	1 U	**2.3**
MW-35(90)	09/09/20	1 U	1 U	1 U	1 U	1 U	**1.6**
MW-35(90)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(35.2)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(35.2)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(35.2)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(92.4)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(92.4)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(92.4)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(23.3)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(23.3)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(23.3)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(70)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(70)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(70)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-37(98)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(98)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(98)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-38(20.8)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(20.8)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(20.8)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(29.1)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(29.1)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(29.1)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected from 2019 through 2021
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl chloride
MW-38(69.9)	08/13/19	1 U	1 U	1 U	1 U	1 U	**2.4**
MW-38(69.9)	08/13/19	1 U	1 U	1 U	1 U	1 U	**3.0**
MW-38(69.9)	09/09/20	1 U	1 U	1 U	1 U	1 U	**3.2**
MW-38(69.9)	09/09/20	1 U	1 U	1 U	1 U	1 U	**3.0**
MW-38(69.9)	11/09/21	1 U	1 U	1 U	1 U	1 U	**3.9**
MW-39(13)	08/13/19	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
MW-39(13)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-39(13)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-39(29.3)	08/13/19	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
MW-39(29.3)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-39(29.3)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-48(159)	08/15/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-48(159)	08/15/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-48(159)	09/10/20	1 U	1 U	1 U	1 U	1 U	**4.1**
MW-48(159)	09/10/20	1 U	1 U	1 U	1 U	1 U	**4.4**
MW-48(159)	11/17/21	1 U	1 U	1 U	1 U	1 U	**5.1**
MW-50(45)	08/14/19	1 U	**1.4**	1 U	1 U	1 U	**1.3**
MW-50(45)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-50(45)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-50(80)	08/14/19	1 U	**1.2**	1 U	1 U	1 U	1 U
MW-50(80)	09/09/20	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
MW-50(80)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(25)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(25)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(25)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(70)	08/14/19	1 U	1 U	1 U	1 U	1 U	**1.2**
MW-51(70)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(70)	11/09/21	1 U	1 U	1 U	1 U	1 U	**1.7 J**
MW-52(55)	08/22/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-52(55)	09/11/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-52(55)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U

Table 3

Summary of Volatile Organic Compound Analyses

Performed on the Groundwater Samples Collected from 2019 through 2021

TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl chloride
MW-59(46)	02/06/19	**12 J**	**1,200**	**7.0 J**	1 U	1 U	**1,600 J**
MW-59(46)	08/22/19	**41**	**1,200**	**16**	1 U	E U	**1,600**
MW-59(46)	02/19/20	**82 J**	**2,500 J**	**13 J**	1 UJ	**1.8 J**	**1,200 J**
MW-59(46)	09/14/20	**130**	**2,800**	**23**	1 U	**380**	**1,100**
MW-59(46)	11/18/21	**130**	**5,900**	50 U	50 U	**4,100**	**620**
MW-60(38)	08/22/19	**3.0**	**420**	**2.4**	1 U	1 U	**430 J**
MW-60(38)	09/11/20	**1.8**	**310**	**1.5**	1 U	1 U	**290**
MW-60(38)	11/18/21	**2.5**	**440**	2 U	2 U	2 U	**280**
MW-67(30)	08/22/19	1 U	**2.6**	1 U	1 U	1 U	1 U
MW-67(30)	09/15/20	1 U	**1.4**	1 U	1 U	1 U	**2.1**
MW-67(30)	11/09/21	1 U	**1.2**	1 U	1 U	1 U	1 U
MW-71(33)	08/22/19	1 U	**2.0**	1 U	1 U	1 U	1 U
MW-71(33)	09/14/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-71(33)	11/09/21	1 U	**1.1**	1 U	1 U	1 U	1 U
MW-71(33)-R	11/09/21	1 U	**1.0**	1 U	1 U	1 U	1 U
MW-84(44)	08/19/19	1 U	1 U	1 U	1 U	**2.6**	1 U
MW-84(44)	09/10/20	1 U	1 U	1 U	1 U	**2.0**	1 U
MW-84(44)	11/18/21	1 U	1 U	1 U	1 U	**2.1**	1 U
OW-6(38)	02/05/19	1 U	1 U	1 U	1 U	1 U	1 UJ
OW-6(38)-R	02/05/19	1 U	1 U	1 U	1 U	1 U	1 UJ
OW-6(38)	05/16/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	08/21/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	11/25/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	02/17/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	06/16/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	09/13/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	12/14/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)-R	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U

Table 3

Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected from 2019 through 2021
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

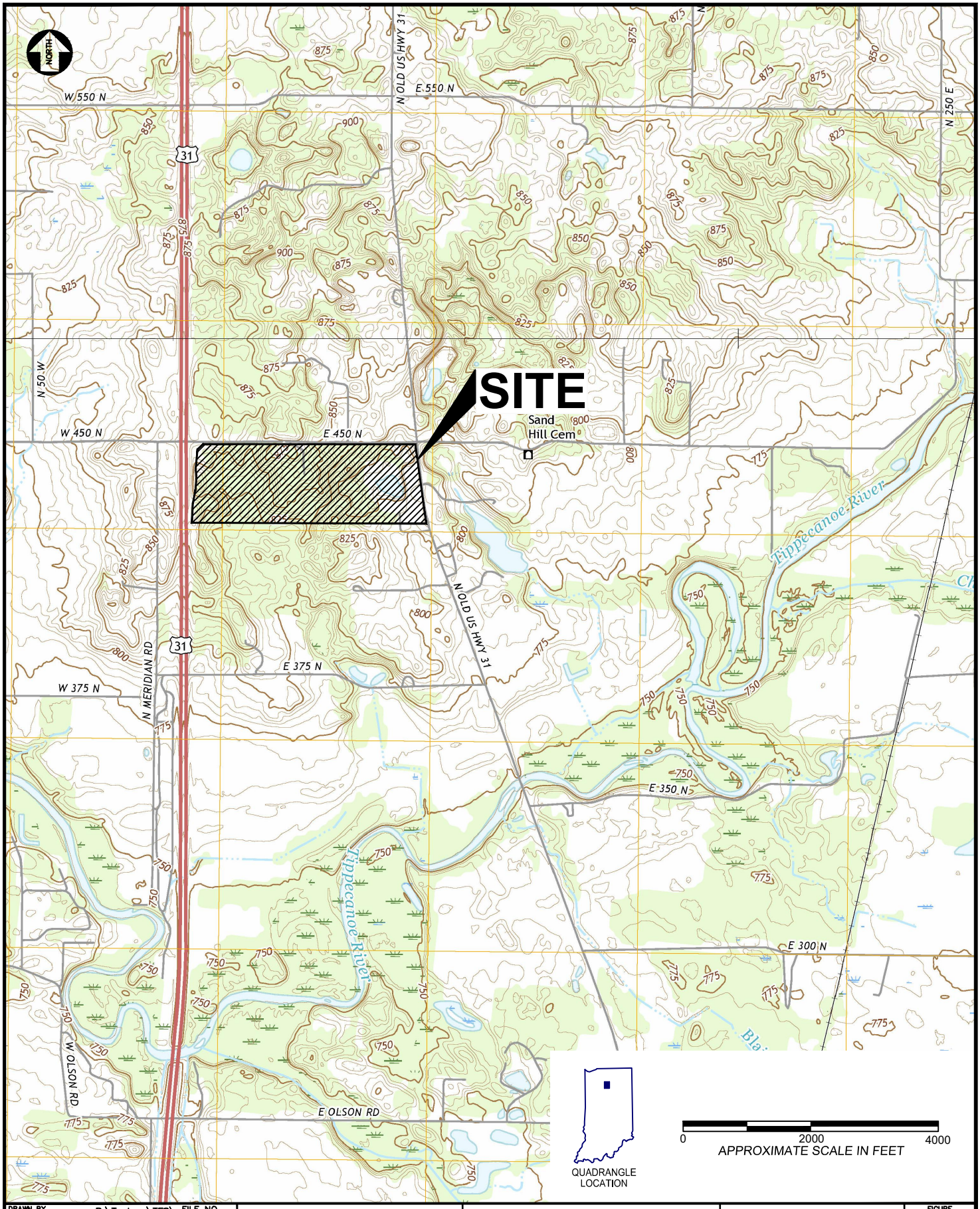
Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl chloride
OW-6(63)	02/05/19	1 U	1 U	1 U	1 U	1 U	1 UJ
OW-6(63)	05/16/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	08/21/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)-R	08/21/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	11/25/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	02/17/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	06/16/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	09/13/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)-R	09/13/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	12/14/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
USEPA MCLs & IDEM RSL		7.0	70	100	5.0	5.0	2.0

Notes:

NA - Not analyzed
U - not detected, value is the detection limit
J - value is estimated
R - replicate sample
J+ - value is estimated biased high
J- - value is estimated biased low

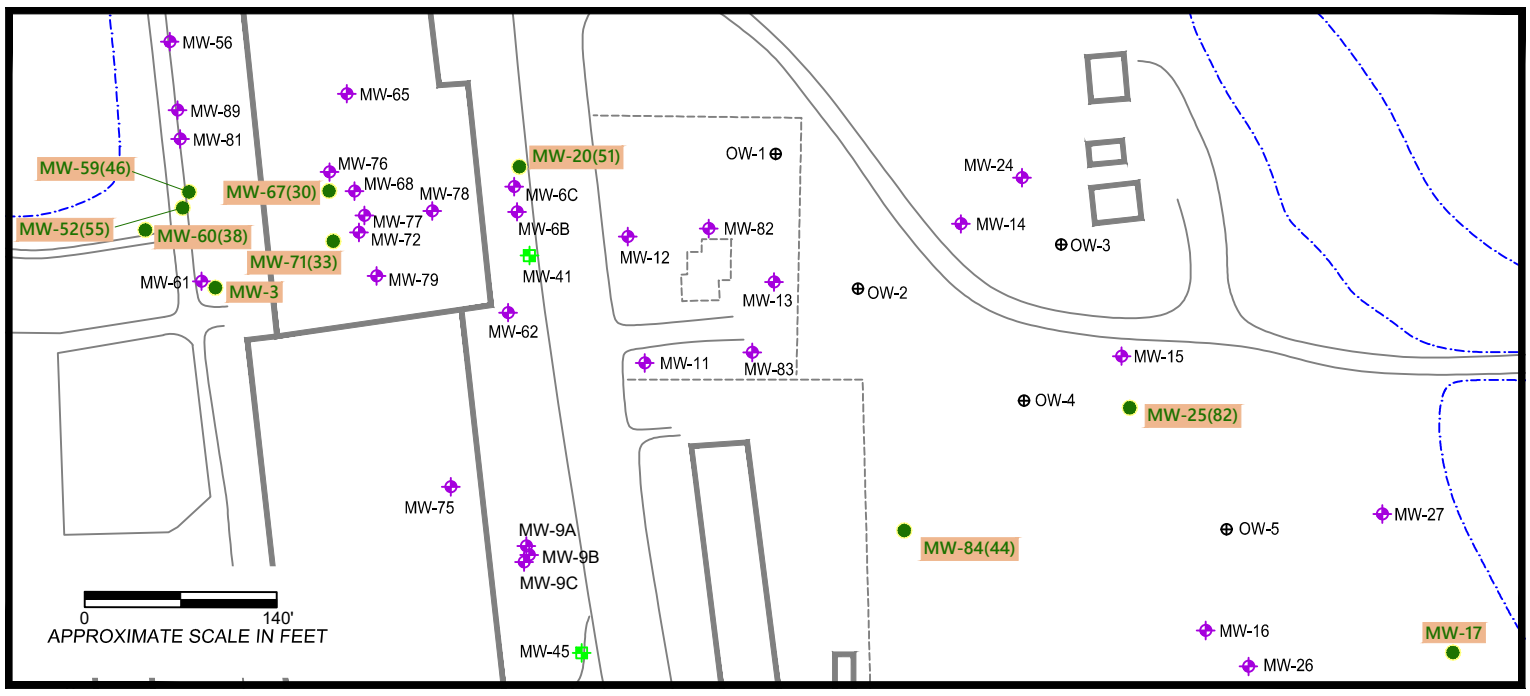
USEPA MCLs - United States Environmental Protection Agency (USEPA) Maximum Contaminant Levels (MCLs) (December 2016)
IDEM RSL - Indiana Department of Environmental Management Residential Screening Levels (2019)
For a complete list of analyzed compounds and results please refer to the laboratory reports
Concentration meets or exceeds IDEM RCG residential screening level and U.S. EPA maximum contaminant level

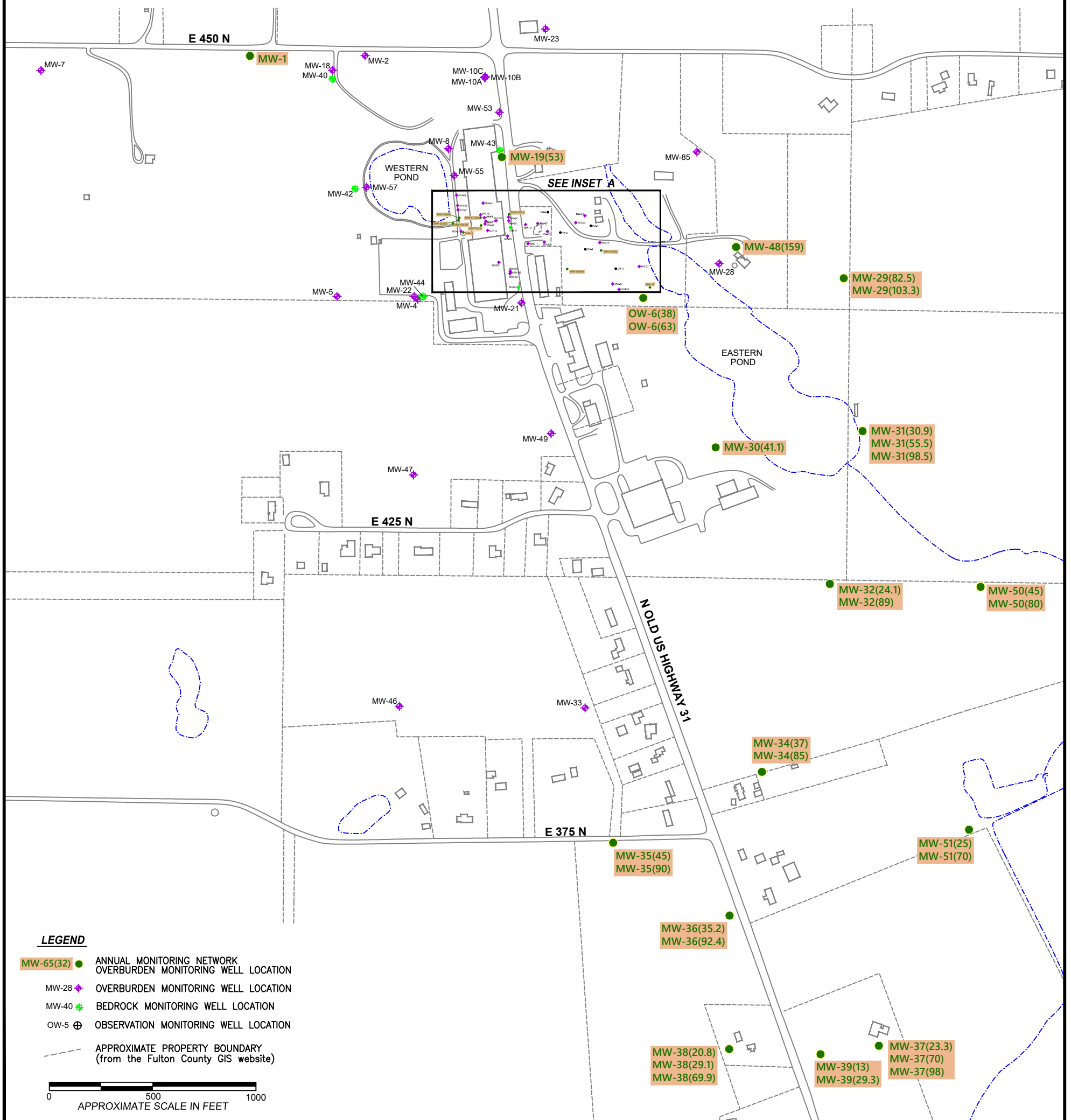
FIGURES



DRAWN BY: RLB	FILE NO.: P:\Textron\TFS\Drawings\TFS Topo.dwg	TORX FACILITY 4366 NORTH OLD US HIGHWAY 31 ROCHESTER, INDIANA	SITE LOCATION MAP
APPROVED BY: PJS	DATE: 02/17/2022	wood.	FIGURE 1
SOURCE: USGS 7.5 minute topographic survey maps of Argos and Rochester, IN, 2016.			
PROJECT NO.: 3031 21 0011	SCALE: SEE ABOVE		SHEET 1 of 1

INSET A



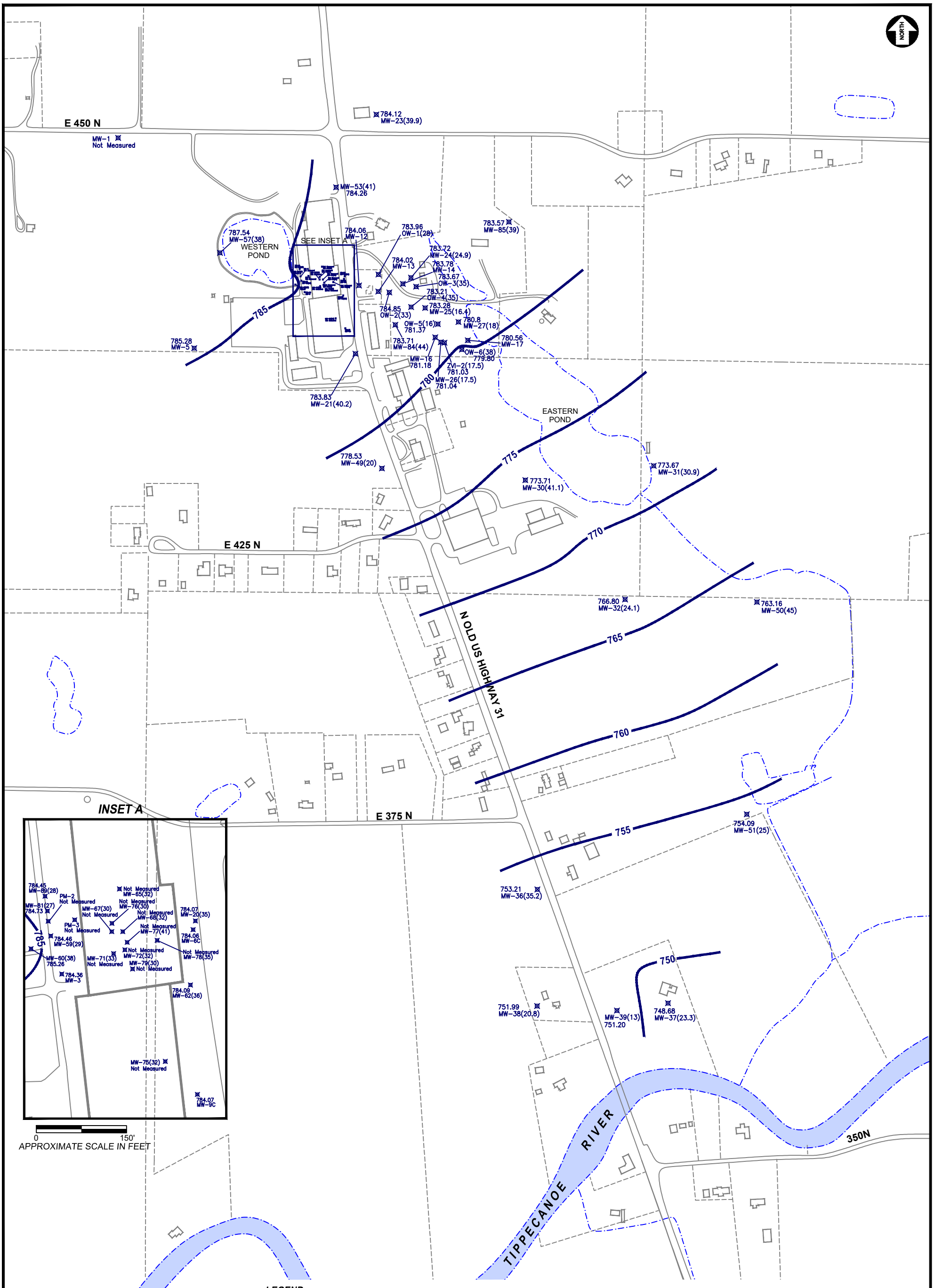


LEGEND

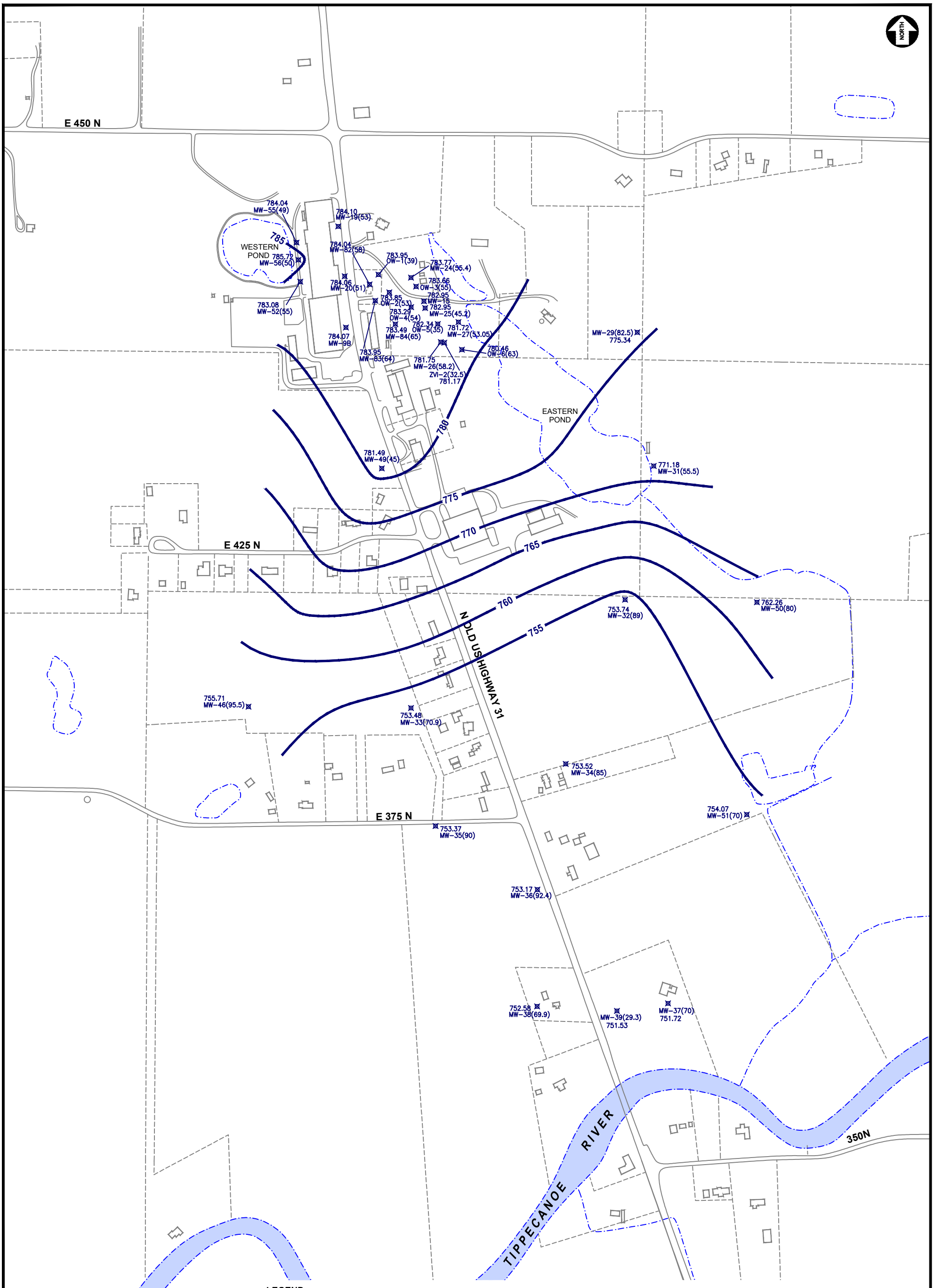
- MW-65(32) — ANNUAL MONITORING NETWORK OVERBURDEN MONITORING WELL LOCATION
- MW-28 — OVERBURDEN MONITORING WELL LOCATION
- MW-40 — BEDROCK MONITORING WELL LOCATION
- OW-5 — OBSERVATION MONITORING WELL LOCATION
- APPROXIMATE PROPERTY BOUNDARY (from the Fulton County GIS website)

0 500 1000
APPROXIMATE SCALE IN FEET

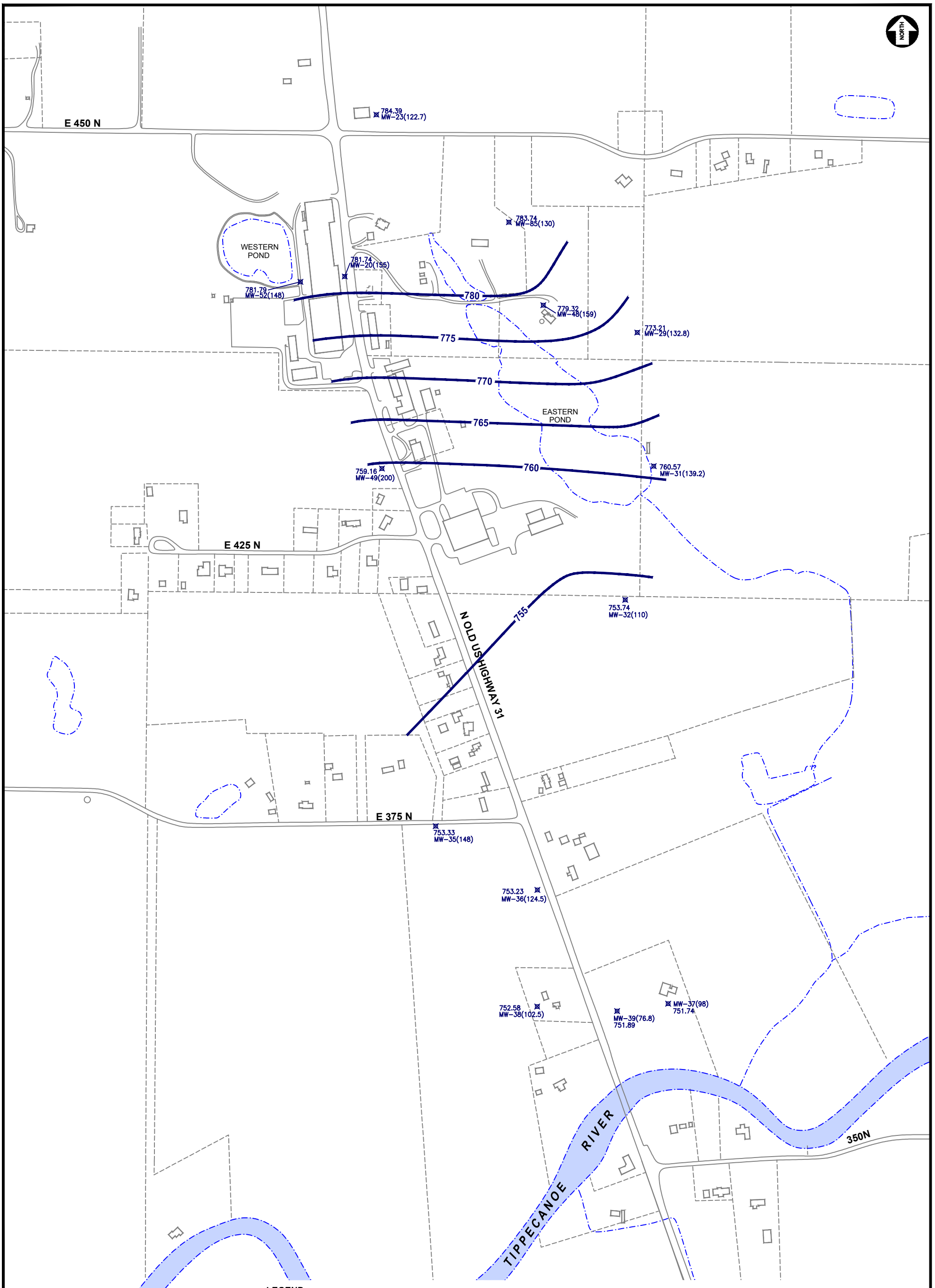
DRAWN BY: RLB	FILE NO.: P:\Textron\TFS\ Drawings\TFS Closure Sampling.dwg	TORX FACILITY 4366 NORTH OLD US HIGHWAY 31 ROCHESTER, INDIANA	ANNUAL GROUNDWATER MONITORING LOCATIONS
APPROVED BY: PJS	DATE: 02/17/2022	wood.	FIGURE: 2
SOURCE: Wells surveyed by Territorial Engineering; Fulton County, IN GIS, 2005.			SHEET 1 of 1
PROJECT NO.: 3031 21 0011	SCALE: SEE ABOVE		



DRAWN BY: RLB	FILE NO.: P:\Textron\TFS\Drawings\TFS PS Plan 2010 11x17.dwg	TORX FACILITY 4366 NORTH OLD US HIGHWAY 31 ROCHESTER, INDIANA	GROUNDWATER CONTOUR MAP SHALLOW OVERBURDEN WELLS 8 November 2021
APPROVED BY: PJS	DATE: 02/17/2022	wood.	FIGURE 3
SOURCE: Wells surveyed by Territorial Engineering, 2009 & 2010; Fulton County, IN GIS, 2005.			SHEET 1 of 1
PROJECT NO.: 3031 21 0011	SCALE: SEE ABOVE		



DRAWN BY: RLB	FILE NO.: P:\Textron\TFS\Drawings\TFS PS Plan 2010 11x17.dwg	TORX FACILITY 4366 NORTH OLD US HIGHWAY 31 ROCHESTER, INDIANA	GROUNDWATER CONTOUR MAP INTERMEDIATE OVERBURDEN WELLS 8 November 2021
APPROVED BY: PJS	DATE: 02/17/2022	wood.	FIGURE 4
SOURCE: Wells surveyed by Territorial Engineering, 2009 & 2010; Fulton County, IN GIS, 2005.			
PROJECT NO.: 3031 21 0011	SCALE: SEE ABOVE		SHEET 1 of 1



DRAWN BY: RLB	FILE NO.: P:\Textron\TFS\Drawings\TFS PS Plan 2010 11x17.dwg	TORX FACILITY 4366 NORTH OLD US HIGHWAY 31 ROCHESTER, INDIANA	GROUNDWATER CONTOUR MAP DEEP OVERBURDEN WELLS 8 November 2021
APPROVED BY: PJS	DATE: 02/17/2022	wood.	FIGURE: 5
SOURCE: Wells surveyed by Territorial Engineering, 2009 & 2010; Fulton County, IN GIS, 2005.			
PROJECT NO.: 3031 21 0011	SCALE: SEE ABOVE		SHEET 1 of 1

INSET A

NORTH

MW-59(46) 11/18/2021	
1,1-DCE	130
c-1,2-DCE	5,900
t-1,2-DCE	<50
TCE	4,100
VC	620

MW-52(55) 11/18/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-60(38) 11/18/2021	
1,1-DCE	2.5
c-1,2-DCE	440
t-1,2-DCE	<2.0
TCE	<2.0
VC	280

MW-67(30) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	1.2
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-20(51) 11/18/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-3 11/18/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-71(33) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	1.1
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-25(82) 11/18/2021	
1,1-DCE	<1.0
c-1,2-DCE	1.3
t-1,2-DCE	<1.0
TCE	<1.0
VC	3.0

MW-84(44) 11/18/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	2.1
VC	<1.0

MW-17 11/17/2021	
1,1-DCE	<1.0
c-1,2-DCE	17
t-1,2-DCE	<1.0
TCE	15
VC	2.0

MW-56 MW-89 MW-81 MW-65 MW-76 MW-68 MW-78 MW-77 MW-72 MW-79 MW-61 MW-3 MW-71(33) MW-67(30) MW-59(46) MW-52(55) MW-60(38) MW-20(51) MW-6C MW-6B MW-41 MW-62 MW-12 MW-82 MW-13 MW-11 MW-83 OW-1 OW-2 OW-3 OW-4 MW-24 MW-14 MW-15 MW-25(82) MW-84(44) MW-27 OW-5 MW-17 MW-16 MW-26 MW-75 MW-9A MW-9B MW-9C MW-45

E 450 N

MW-1 11/08/2021
Not Sampled

MW-19(53) 11/18/2021	
1,1-DCE	<1.0
c-1,2-DCE	19
t-1,2-DCE	<1.0
TCE	<1.0
VC	16

MW-48(159) 11/17/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	5.1

MW-29(82.5) 11/18/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-29(103.5) 11/18/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-6(38) 11/17/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-6(63) 11/17/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-30(41.1) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	160
t-1,2-DCE	2.2
TCE	17
VC	20J

MW-31(30.9) 11/08/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-31(55.5) 11/08/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-31(98.5) 11/08/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	2.5

MW-32(24.1) 11/09/2021	
1,1-DCE	<1.0J
c-1,2-DCE	1.3J
t-1,2-DCE	<1.0J
TCE	<1.0J
VC	<1.0J

MW-32(89) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	13

MW-50(45) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-50(80) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-34(37) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-34(85) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	16
VC	<1.0

MW-51(25) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-51(70) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	1.7J

MW-35(45) 11/17/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-35(90) 11/17/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-36(35.2) 11/17/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-36(92.4) 11/17/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-39(13) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0J

MW-39(29.3) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0J

MW-37(23.3) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-37(70) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0J

MW-37(98) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0J

MW-38(20.8) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-38(29.1) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-38(69.9) 11/09/2021	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	3.9

MW-7 MW-18 MW-40 MW-2 MW-23 MW-10C MW-10A MW-10B MW-53 MW-8 MW-43 MW-55 MW-85 MW-42 MW-57 MW-5 MW-44 MW-22 MW-4 MW-21 MW-28 MW-49 MW-47 MW-46 MW-33

WESTERN POND

EASTERN POND

SEE INSET A

E 425 N

E 375 N

N OLD US HIGHWAY 31

MW-1 MW-19(53) MW-48(159) MW-29(82.5) MW-29(103.3) OW-6(38) OW-6(63) MW-30(41.1) MW-31(30.9) MW-31(55.5) MW-31(98.5) MW-32(24.1) MW-32(89) MW-50(45) MW-50(80) MW-34(37) MW-34(85) MW-51(25) MW-51(70) MW-35(45) MW-35(90) MW-36(35.2) MW-36(92.4) MW-39(13) MW-39(29.3) MW-37(23.3) MW-37(70) MW-37(98) MW-38(20.8) MW-38(29.1) MW-38(69.9)

LEGEND

MW-65(32) ANNUAL MONITORING NETWORK OVERBURDEN MONITORING WELL LOCATION

MW-28 OVERBURDEN MONITORING WELL LOCATION

MW-40 BEDROCK MONITORING WELL LOCATION

OW-5 OBSERVATION MONITORING WELL LOCATION

APPROXIMATE PROPERTY BOUNDARY (from the Fulton County GIS website)

MW-17 11/17/2021	
VC	15

SAMPLE IDENTIFICATION
DATE SAMPLE COLLECTED
COMPOUND NAME AND RESULT VALUE

NOTES:

- Results reported in micrograms per liter (µg/L).
- See laboratory report for complete list of analytes tested, results, and detection limits.
- See report for quality control replicate results.

J - Value is estimated.

1,1-DCE - 1,1-Dichloroethene
c-1,2-DCE - cis-1,2-Dichloroethene
t-1,2-DCE - trans-1,2-Dichloroethene
TCE - Trichloroethene
VC - Vinyl Chloride

0 500 1000
APPROXIMATE SCALE IN FEET

DRAWN BY RLB	FILE NO. P:\Textron\TFS\Drawings\TFS Closure Sampling.dwg	TORX FACILITY 4366 NORTH OLD US HIGHWAY 31 ROCHESTER, INDIANA	SITE-RELATED VOC CONCENTRATIONS IN GROUNDWATER November 2021
APPROVED BY PJS	DATE 03/25/2022	wood.	FIGURE 6
SOURCE Wells surveyed by Territorial Engineering; Fulton County, IN GIS, 2005.			
PROJECT NO. 3031 21 0011	SCALE SEE ABOVE		SHEET 1 of 1

APPENDIX A

GROUNDWATER SAMPLE COLLECTION FORMS

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-~~MW~~-OW-6(38)
Project Number: 3031-21-0011
Sampling Personnel: GWS | Date: 11/17/21 | Start Time: 1245 | Weather: Cloudy 40s (Use: Well name)

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.41 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 37.61 | Well Diameter: 2 | Approx. Pump Depth: 34.5 Feet
Screen Interval: top 32 bottom 37 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1256 | Pump Stopped: | Total Gallons:

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1254	7.26	0.685	13.45	0.12	250	9.41	0	1.58	-78.9
1303	7.23	0.691	13.04	0.40	250	9.41	0	0.29	-120.8
1308	7.27	0.690	12.97	0.00	250	9.41	0	0.158	-126.2
1313	7.28	0.691	12.93	0.00	250	9.40	0	0.81	-129.2
1318	7.29	0.692	12.90	0.00	250	9.41	0	1.08	-130.4
1323	7.29	0.691	12.83	0.00	250	9.41	0	1.24	-131.(
1328	7.29	0.691	12.82	0.00	250	9.41	0	1.29	-129.(
1333	7.29	0.690	12.81	0.00	250	9.41	0	1.31	-129.0

Stabilization Criteria: ±3% | ±3% | ±10 | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1333	7.29	0.690	12.81	0.00	250	9.41	0	1.31	-129.0

Comments:

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 9.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-~~MW~~-OW-6(38)-111721 | Time: 1335

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	6 G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = BAC, 6 = Na_3PO_4

MS/MSD | Blind Dup X | Blind Dup Name: ATR-OW-6(38)-111721-TB

wood.
Wood Environment & Infrastructure Solutions, Inc.

GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW (GW-6(63))
Project Number: 3031-21-0011
Sampling Personnel: CLW | Date: 11/12/21 | Start Time: 1340 | Weather: Cloudy 60°F (Use: Well name)

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 8.74 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 62. | Well Diameter: 2 | Approx. Pump Depth: 58.5 Feet
Screen Interval: top 57 bottom 62 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1345 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1347	7.25	0.6686	13.40	0.00	300	8.74	0	1.58	-124.5
1352	7.17	0.787	13.50	4.29	300	8.74	0	0.37	-136.2
1357	7.16	0.805	13.56	0.0	300	8.74	0	0.18	-138.1
1402	7.16	0.806	13.53	0.0	300	8.74	0	0.17	-138.9
1407	7.15	0.806	13.46	0.00	300	8.74	0	0.19	-139.7
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1407	7.15	0.806	13.46	0.0	300	8.74	0	0.19	-139.7

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☐ 10 ☑ | ORP Calibration 225 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW (GW-6(63))-111721 | Time: 1410

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	9/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ATR-GW-6(63)-111721-MS/MSD | Blind Dup _____ | Blind Dup Name _____ | TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW3-111821 (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: KM | Date: 11/18/21 | Start Time: 1416 | Weather: Evenast 41°

MEASUREMENT SUMMARY:

Measuring Point: TOC | Depth to Water: 21.02 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 33 | Well Diameter: 2" | Approx. Pump Depth: 30.5 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:

Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐

Pump Started: 1430 | Pump Stopped: 1532 | Total Gallons: 3 1/2

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1435	6.92	0.592	8.774	44.17	250	21.06	0.04	5.33	-58.9
1440	6.80	0.713	8.507	24.72	250	21.07	0.05	5.14	-61.0
1445	6.74	0.792	12.147	44.10	250	21.07	0.05	3.18	-72.6
1450	6.82	0.686	13.402	20.62	250	21.07	0.05	1.97	-76.6
1455	6.88	0.598	13.016	15.00	250	21.07	0.05	2.11	-78.6
1500	6.92	0.562	13.119	10.13	250	21.07	0.05	2.18	-79.7
1505	6.95	0.537	13.184	7.95	250	21.07	0.05	2.26	-80.5
1510	6.97	0.526	13.156	7.08	250	21.07	0.05	2.32	-80.8
1515	6.98	0.517	13.117	5.68	250	21.07	0.05	2.34	-80.5
1520	6.99	0.507	13.130	4.71	250	21.07	0.05	2.38	-80.7
1525	7.00	0.504	13.135	4.50	250	21.07	0.05	2.41	-80.5
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1525	7.00	0.504	13.135	4.50	250	21.07	0.05	2.41	-80.5

Comments: ____

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☑ | ORP Calibration 249 mV
SC Reference Solution 1.409 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW3-111821 | Time: 1530

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/VOA	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW-17 (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCD | Date: 11/12/21 | Start Time: 1422 | Weather: Cloudy 60°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 3.59 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 42 | Well Diameter: 3" | Approx. Pump Depth: 2 Feet
Screen Interval: top 37 bottom 42 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1430 | Pump Stopped: | Total Gallons:

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1432	7.13	0.766	13.45	0.40	300	3.59	0	3.60	-116.3
1437	7.02	0.935	13.07	2.60	300	3.59	0	0.19	-135.2
1442	7.06	0.913	12.98	10.22	300	3.59	0	0.14	-141.5
1447	7.10	0.839	12.63	8.12	300	3.59	0	0.48	-136.9
1452	7.12	0.817	12.56	8.10	300	3.59	0	0.43	-135.8
1457	7.13	0.815	12.55	81.28	300	3.59	0	0.35	-134.6
1502	7.13	0.815	12.54	4.69	300	3.59	0	0.25	-134.5
1507	7.13	0.816	12.54	4.90	300	3.59	0	0.24	-134.9
1512	7.13	0.815	12.53	1.96	300	3.59	0	0.23	-135.3

Stabilization Criteria: ±3% | ±3% | ±10 | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1512	7.13	0.815	12.53	1.96	300	3.59	0	0.23	-135.3

Comments:

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW-17-111721 | Time: 1515

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = BAC, 6 = Na_3PO_4

MS/MSD | Blind Dup | Blind Dup Name | TB

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 19(53) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCM | Date: 11/18/21 | Start Time: 1413 | Weather: Sunny 32°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 25.41 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 52.78 | Well Diameter: 2 | Approx. Pump Depth: 50 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1421 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1423	7.35	0.630	12.64	92.56	300	25.41	0	0.94	-83.3
1428	7.31	0.620	12.82	31.69	300	25.40	0	1.03	-92.1
1433	7.30	0.617	12.69	14.27	300	25.41	0	1.44	-94.7
1438	7.29	0.615	12.50	12.23	300	25.41	0	1.73	-94.2
1443	7.29	0.618	12.28	4.79	300	25.41	0	1.51	-94.5
1448	7.28	0.619	12.38	5.43	300	25.41	0	1.53	-94.6
1453	7.28	0.620	12.23	3.57	300	25.41	0	1.45	-95.0

Stabilization Criteria: ±3% | ±3% | ±10 | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1453	7.28	0.620	12.23	3.57	300	25.41	0	1.45	-95.0

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW19(53)-111821 | Time: 1455

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/6	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW26(51) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCO | Date: 11/18/21 | Start Time: 1506 | Weather: Cloudy 36°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 26.13 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 50.68 | Well Diameter: 2 | Approx. Pump Depth: 48 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐

Pump Started: 1511 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1512	7.30	0.485	10.73	13.78	350	26.13	0	2.71	-107.5
1517	7.45	0.451	13.54	5.48	350	26.13	0	0.52	-151.4
1522	7.46	0.453	13.39	3.02	350	26.13	0	0.80	-155.2
1527	7.44	0.454	13.40	2.67	350	26.12	0	1.02	-154.4
1532	7.45	0.456	13.50	1.55	350	26.12	0	1.08	-154.2
1537	7.45	0.456	13.51	1.39	350	26.12	0	1.20	-153.5
1542	7.45	0.456	13.52	1.08	350	26.12	0	1.31	-151.9
1547	7.45	0.456	13.46	0.98	350	26.12	0	1.35	-151.9
1552	7.44	0.457	13.49	1.19	350	26.12	0	1.47	-149.8
1557	7.44	0.458	13.42	1.58	350	26.12	0	1.51	-148.6
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1557	7.44	0.458	13.42	1.58	350	26.12	0	1.51	-148.6

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW26(51)-111821 | Time: 1608

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/6	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW25(82) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCD | Date: 11/18/21 | Start Time: 1128 | Weather: Sunny 38°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 11.01 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 82 | Well Diameter: 2 | Approx. Pump Depth: 79 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐

Pump Started: 1134 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1136	7.38	0.626	12.94	0.39	300	11.01	0	6.38	-43.9
1141	7.39	0.638	13.60	4.89	300	11.02	0.01	0.58	-93.7
1146	7.41	0.640	13.64	2.51	300	11.03	0.02	0.49	-107.7
1151	7.41	0.640	13.57	2.53	300	11.03	0.02	0.68	-111.9
1156	7.46	0.640	13.70	3.11	300	11.03	0.02	0.86	-113.0
1201	7.41	0.637	13.61	3.19	300	11.03	0.02	1.04	-113.3
1206	7.41	0.640	13.50	1.69	300	11.03	0.02	1.26	-112.6
1211	7.41	0.639	13.46	3.03	300	11.03	0.02	1.43	-112.0
1216	7.42	0.639	13.43	1.51	300	11.03	0.02	1.58	-111.4
1221	7.42	0.639	13.54	1.77	300	11.02	0.01	1.70	-110.8
1226	7.42	0.639	13.49	1.87	300	11.02	0.01	1.72	-110.1

Stabilization Criteria: ±3% | ±3% | ±10 | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1226	7.42	0.639	13.49	1.87	300	11.02	0.01	1.72	-110.1

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW25(82)-111821 | Time: 1228

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW29(82.5') (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCS | Date: 11/18/21 | Start Time: 0920 | Weather: Sunny 35°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 26.08 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 82.43 | Well Diameter: 2 | Approx. Pump Depth: 80 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 0929 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
0931	7.48	0.573	8.64	0.00	200	26.08	0	4.58	-46.1
0936	7.39	0.601	8.76	22.94	200	26.08	0	1.97	-103.4
0941	7.40	0.595	8.81	15.32	200	26.08	0	0.84	-112.5
0946	7.40	0.594	8.58	8.92	200	26.08	0	0.96	-116.1
0951	7.40	0.592	8.63	6.34	200	26.08	0	1.30	-116.3
0956	7.41	0.593	8.33	1.50	200	26.08	0	1.56	-112.3
1001	7.42	0.594	7.80	1.15	200	26.08	0	1.58	-109.9
1006	7.42	0.593	6.96	0.42	200	26.08	0	1.63	-109.0
1011	7.43	0.591	6.94	0.00	200	26.08	0	1.64	-106.3
1016	7.40	0.598	6.94	5.88	200	26.08	0	1.66	-111.9
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1016	7.40	0.598	6.94	5.88	200	26.08	0	1.66	-111.9

Comments: Solenoid got stuck at 1005 unstuck at 1005

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW29(82.5)-111821 | Time: 1018

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ Blind Dup ____ Blind Dup Name ____ TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 29(103.3) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GAS | Date: 11/18/21 | Start Time: 1025 | Weather: Sunny 31°F

Windy
Wind Chill
25°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 28.21 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 103.22 | Well Diameter: 2 | Approx. Pump Depth: 100 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐

Pump Started: 1030 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1031	7.61	0.493	9.21	0.00	250	28.21	0	7.64	+68.0
1036	7.55	0.498	9.28	15.72	250	28.21	0	1.36	-107.8
1041	7.57	0.500	9.54	8.01	250	28.21	0	0.57	-126.4
1046	7.57	0.502	9.64	5.26	250	28.21	0	0.41	-133.4
1051	7.58	0.501	9.68	3.56	250	28.21	0	0.35	-137.0
1056	7.58	0.501	9.67	5.09	250	28.21	0	0.32	-139.4
1101	7.58	0.500	9.66	4.93	250	28.21	0	0.30	-140.9
1106	7.57	0.500	9.73	6.93	250	28.21	0	0.29	-141.9
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1106	7.57	0.500	9.73	6.93	250	28.21	0	0.29	-141.9

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration: 229 mV
SC Reference Solution: 4.490 mS/cm | Turbidity Cal. Solution: 0 NTUs

Sample Name: ATR-MW 29(103.3)-111821 | Time: 1108

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 30(41.1) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: RJD | Date: 11/09/21 | Start Time: 1550 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 20.85 | Depth to Product: _____ | Product Thickness: _____
Total Casing Depth: 40.52 | Well Diameter: _____ | Approx. Pump Depth: 37 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1555 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1600	7.54	0.644	12.25	2.50	400	20.86	0.01	0.93	-85.4
1605	7.39	0.615	12.13	1.72	400	20.86	0.01	0.94	-104.3
1610	7.31	0.603	12.08	1.63	400	20.86	0.01	1.03	-108.1
1615	7.25	0.598	12.05	1.38	400	20.86	0.01	1.11	-108.4
1620	7.24	0.595	12.00	1.33	400	20.86	0.01	1.08	-108.8
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW30(41)-110921 | Time: 1622

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3	HCL	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water [ ] | Groundwater [X] | Sample ID: ATR-MW36(35.2)
Project Number: 3031-21-0011 | (Use: Well name)
Sampling Personnel: KM | Date: 11/17/21 | Start Time: 1537 | Weather: Overcast

MEASUREMENT SUMMARY:

Measuring Point: TOC | Depth to Water: 16.96 | Depth to Product: | Product Thickness:
Total Casing Depth: 35.2 | Well Diameter: 2" | Approx. Pump Depth: 33 Feet
Screen Interval: top bottom Feet

SAMPLING SUMMARY:

Sampling Method: Grab [X] | Composite [ ] | Grundfos [ ] | Bladder Pump [X] | Peristaltic Pump [ ] | Bailer [ ]

Pump Started: 1550 | Pump Stopped: 1641 | Total Gallons: 5 1/2

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1555	7.30	0.778	12.674	187.21	220	16.99	0.03	0.65	92.5
1600	7.30	0.776	12.621	109.97	220	16.99	0.03	0.64	91.8
1605	7.30	0.772	12.613	68.51	220	16.99	0.03	0.60	88.3
1610	7.30	0.775	12.601	36.47	220	16.99	0.03	0.57	86.1
1615	7.30	0.775	12.576	22.97	220	16.99	0.03	0.55	83.9
1620	7.30	0.775	12.584	17.48	220	16.99	0.03	0.50	81.4
1625	7.30	0.776	12.549	9.56	220	16.99	0.03	0.60	78.4
1630	7.30	0.775	12.556	5.95	220	16.99	0.03	0.57	76.2
1635	7.30	0.775	12.570	6.72	220	16.99	0.03	0.58	74.3
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1635	7.30	0.775	12.570	6.72	220	16.99	0.03	0.58	74.3

Comments:

Calibration: pH Calibration Buffers: 4 [ ] 7 [ ] 10 [ ] | ORP Calibration ____ mV
SC Reference Solution ____ mS/cm | Turbidity Cal. Solution ____ NTUs

Sample Name: ATR-MW36(35.2) - 111721 | Time: 1640

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs [X]	3/VOA	1	Dissolved Gasses [ ]		
TOC + NO_3 [ ]			VFA [ ]		
Fe/Mn [ ]			DHC [ ]		
			Alkalinity + Anions (Cl-, SO4) [ ]		
Other: [ ]			Other: [ ]		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ Blind Dup ____ Blind Dup Name ____ TB ____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW - 31(30.5) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GLO | Date: 11/8/21 | Start Time: 1315 | Weather: Sunny 57°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.81 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 30.9 | Well Diameter: 2 | Approx. Pump Depth: 28.5 Feet
Screen Interval: top 25.5 bottom 30.5 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1323 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1325	7.241	0.556	17.01	255.01	300	9.81	0	0.34	-146.6
1330	7.27	0.1606	16.63	96.93	300	9.82	0.01	0.05	-160.1
1335	7.26	0.1607	16.48	51.31	300	9.82	0.01	0.02	-164.0
1340	7.29	0.1611	16.35	39.55	300	9.82	0.01	0.02	-167.3
1345	7.30	0.1614	16.31	25.11	300	9.82	0.01	0.07	-168.1
1350	7.30	0.1614	16.34	25.03	300	9.82	0.01	0.09	-170.5
1355	7.29	0.1614	16.37	23.34	300	9.82	0.01	0.07	-158.9
1400	7.29	0.1613	16.40	23.41	300	9.82	0.01	0.13	-153.8
1405	7.28	0.1613	16.42	23.01	300	9.82	0.01	0.14	-150.8
1410	7.28	0.1613	16.43	22.47	300	9.82	0.01	0.20	-148.9
1415	7.28	0.1620	15.92	12.12	300	9.82	0.01	0.14	-165.1
1420	7.30	0.1620	15.88	15.19	300	9.82	0.01	0.12	-168.4
1425	7.30	0.1620	15.88	13.48	300	9.82	0.01	0.13	-170.2
1430	7.30	0.1620	15.88	9.26	300	9.82	0.01	0.13	-171.1

Stabilization Criteria: ±3% | ±3% | ±10 | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1430	7.30	0.1620	15.88	9.26	300	9.82	0.01	0.13	-171.1

Comments: Knocked air bubble out of Cell at 1410

Calibration: pH Calibration Buffers: 4 ☑ 7 ☐ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 1.413 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW-31(30.5)-110821 | Time: 1432

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3 G	HCL	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW-31(55.5) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GMD | Date: 11/8/21 | Start Time: 1200 | Weather: Sunny 55°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 16.29 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 55.5 | Well Diameter: 2" | Approx. Pump Depth: 52.5 Feet
Screen Interval: top 50 bottom 55 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1228 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1233	7.03	0.659	16.58	3.26	300	16.29	0.00	0.41	-46.9
1238	7.09	0.663	16.80	1.26	300	16.29	0.00	0.25	-67.1
1243	7.10	0.661	16.59	3.15	300	16.29	0.00	0.20	-83.1
1248	7.11	0.661	16.45	0.82	300	16.29	0.00	0.12	-88.7
1253	7.12	0.661	16.34	0.52	300	16.29	0.00	0.10	-96.7
1258	7.12	0.661	16.26	0.49	300	16.29	0.00	0.09	-103.7
1303	7.13	0.661	16.16	0.53	300	16.29	0.00	0.08	-106.8
1308	7.13	0.660	16.05	0.39	300	16.29	0.00	0.08	-109.5

Stabilization Criteria: ±3% | ±3% | ±10 | | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1308	7.13	0.660	16.05	0.39	300	16.29	0.00	0.08	-109.5

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229.0 mV
SC Reference Solution 1.149 mS/cm | Turbidity Cal. Solution 00 NTUs

Sample Name: ATR-MW-31(55.5)-110821-1309 | Time: 1309

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	HCL	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW-31(98.5) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: CWD | Date: 11/8/21 | Start Time: 1443 | Weather: Sunny 60°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 16.18 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 98.5 | Well Diameter: 2 | Approx. Pump Depth: 94 Feet
Screen Interval: top 93 bottom 98 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1448 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1448	7.30	0.619	15.54	20.09	300	16.18	0	0.45	-160.0
1453	7.33	0.597	16.03	8.64	300	16.18	0	0.36	-122.1
1458	7.34	0.586	16.33	2.49	300	16.18	0	0.25	-105.9
1503	7.31	0.704	15.60	20.75	300	16.18	0	0.23	-113.5
1510	7.32	0.706	15.28	15.19	300	16.18	0	0.24	-122.5
1515	7.33	0.707	15.21	16.54	300	16.18	0	0.18	-126.0
1520	7.33	0.706	15.13	9.52	300	16.18	0	0.14	-128.1
1525	7.33	0.706	14.98	7.00	300	16.18	0	0.11	-129.5
1530	7.33	0.705	14.97	5.24	300	16.18	0	0.09	-130.6

Stabilization Criteria: ±3% ±3% ±10 ±10% ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1530	7.33	0.705	14.97	5.24	300	16.18	0	0.09	-130.6

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 1.413 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW-31(98.5)-110821 | Time: 1532

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3 G		Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW32(24.1) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCD | Date: 11/5/21 | Start Time: 1138 | Weather: Cloudy, 55°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 20.98 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 24.1 | Well Diameter: 2" | Approx. Pump Depth: 23 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1142 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1144	7.51	0.356	13.73	0.00	250	20.98	0	6.81	-104.6
1149	7.55	0.316	13.24	0.00	250	20.98	0	7.25	-56.9
1154	7.558	0.308	13.18	0.00	250	20.98	0	5.70	-43.5
1159	7.61	0.302	13.15	0.00	250	20.98	0	4.82	-37.2
1204	7.603	0.302	13.14	0.00	250	20.98	0	4.65	-32.2
1209	7.604	0.301	13.14	0.00	250	20.98	0	4.45	-28.1

Stabilization Criteria: ±3% | ±3% | ±10 | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1209	7.604	0.301	13.14	0.00	250	20.98	0	4.45	-28.1

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW32(24.1)-110521 | Time: 1210

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3|G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW32(85) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GLD | Date: 11/9/21 | Start Time: 1057 | Weather: Cloudy 58°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 34.00 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 85 | Well Diameter: 2 | Approx. Pump Depth: 87 Feet
Screen Interval: top 84 bottom 84 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1102 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1105	7.50	0.584	12.91	0.00	300	34.00	0	8.97	-34.4
1110	7.30	0.619	12.64	0.00	300	34.00	0	0.35	-97.1
1115	7.30	0.620	12.64	0.00	300	34.00	0	0.25	-103.5
1120	7.30	0.620	12.64	0.00	300	34.00	0	0.20	-104.3
1125	7.30	0.621	12.64	0.00	300	34.00	0	0.18	-108.2
1130	7.30	0.622	12.65	0.00	300	34.00	0	0.18	-109.8

Stabilization Criteria: ±3% | ±3% | ±10 | | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1130	7.30	0.622	12.65	0.00	300	34.00	0.00	0.18	-109.8

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW32(85)-110921 | Time: 1132

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 34(37) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: RSD | Date: 11/09/21 | Start Time: 1109 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 24.09 | Depth to Product: _____ | Product Thickness: _____
Total Casing Depth: 36.22 | Well Diameter: _____ | Approx. Pump Depth: 34.0 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1110 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1115	7.04	0.751	12.89	11.46	400	24.09	0.0	2.13	-6.2
1120	7.01	0.739	12.86	8.90	400	24.09	0.0	2.13	-5.3
1125	7.00	0.734	12.85	6.46	400	24.09	0.0	2.14	-4.8
1130	6.99	0.733	12.82	4.43	400	24.09	0.0	2.18	0.6
1135	7.00	0.734	12.82	3.26	400	24.09	0.0	2.20	4.7
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW 34(37)-110921 | Time: 1138

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3	HCL	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: _____ ☐			Other: _____ ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD: _____ | Blind Dup: ATR-MW34(37)-110921R | Blind Dup Name: _____ | TB: _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 34(85) (Use: Well name)

Project Number: 3031-21-0011 | Date: 11/09/21 | Start Time: 1000 | Weather: ______

Sampling Personnel: RED

MEASUREMENT SUMMARY:

Measuring Point: TOC | Depth to Water: 24.02 | Depth to Product: ______ | Product Thickness: ______

Total Casing Depth: 83.42 | Well Diameter: ______ | Approx. Pump Depth: 81.0 Feet

Screen Interval: top ______ bottom ______ Feet

SAMPLING SUMMARY:

Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1030 | Pump Stopped: 1059 | Total Gallons: ______

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1035	6.97	0.796	12.71	4.80	400	24.03	0.01	1.33	-23.6
1040	6.86	0.794	12.66	3.10	400	24.03	0.01	1.94	-4.6
1045	6.84	0.793	12.63	2.22	400	24.03	0.01	2.23	5.0
1050	6.83	0.793	12.66	2.01	4000	24.03	0.01	2.12	~~10.~~ 10.1
1055	6.83	0.793	12.65	1.87	400	24.02	0.00	2.23	9.8
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1055	6.83	0.793	12.65	1.87	400	24.02	0.00	2.23	9.8

Comments: ______

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration: 229 mV

SC Reference Solution: 4.49 mS/cm | Turbidity Cal. Solution: Ø NTUs

Sample Name: ATR-MW34(85)-110921 | Time: 1057

Analyses (check)		Bottle #/Type	Preservative			Bottle #/Type	Preservative
VOCs	☑	3	HCL	Dissolved Gasses	☐		
TOC + NO_3	☐			VFA	☐		
Fe/Mn	☐			DHC	☐		
				Alkalinity + Anions (Cl-, SO4)	☐		
Other: ______	☐			Other: ______	☐		

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO_3 5 = BAC
3 = H_2SO_4 6 = Na_3PO_4

MS/MSD ______ Blind Dup ______ Blind Dup Name ______ TB ______

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GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-35 (40') (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: K. Miller | Date: 11/17/21 | Start Time: 1247 | Weather: Overcast

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 28.11 | Depth to Product: | Product Thickness:
Total Casing Depth: 80.65 | Well Diameter: 2" | Approx. Pump Depth: 67 Feet
Screen Interval: top bottom Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐

Pump Started: 1330 | Pump Stopped: 1427 | Total Gallons: 4

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1350	7.49	0.692	15.106	21.45	200	28.11	0	8.10	126.7
1355	7.00	0.671	14.320	24.70	200	28.11	0	6.95	87.3
1400	7.46	0.671	14.264	24.58	200	28.11	0	6.95	88.8
1405	7.45	0.672	14.241	9.18	200	28.11	0	7.21	86.3
1410	7.45	0.673	14.191	7.94	200	28.11	0	7.18	81.9
1415	7.45	0.673	14.199	8.86	200	28.11	0	7.19	80.8
1420	7.45	0.673	14.191	8.13	200	28.11	0	7.11	79.5

Stabilization Criteria: ±3% | ±3% | ±10 | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1420	7.45	0.673	14.191	8.13	200	28.11	0	7.11	79.5

Comments:

Calibration: pH Calibration Buffers: 4 ☐ 7 ☐ 10 ☐ | ORP Calibration _____ mV
SC Reference Solution _____ mS/cm | Turbidity Cal. Solution _____ NTUs

Sample Name: ATR-MW35(40)-111721 (ATR-MW-35) | Time: 1425

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	3/VOA	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☐ | Sample ID: ATR-MW 35 (45)
Project Number: 3031-21-0011 | (Use: Well name)
Sampling Personnel: KM | Date: 11/17/21 | Start Time: 1430 | Weather: Lt. Rain

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 28.14 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: ____ | Well Diameter: 2" | Approx. Pump Depth: 43 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐

Pump Started: 1440 | Pump Stopped: 1521 | Total Gallons: 6 1/2

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1445	7.44	0.357	12.896	76.54	250	28.16	0.02	7.87	38.5
1450	7.44	0.355	12.787	38.84	250	28.16	0.02	7.94	48.3
1455	7.44	0.354	12.794	10.69	250	28.16	0.02	8.19	67.9
1500	7.44	0.354	12.788	9.54	250	28.16	0.02	8.20	69.9
1505	7.45	0.354	12.785	7.52	250	28.16	0.02	8.20	71.3
1510	7.45	0.355	12.693	4.09	250	28.16	0.02	8.18	79.8
1515	7.45	0.355	12.687	3.85	250	28.16	0.02	8.12	80.2
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1515	7.45	0.355	12.687	3.85	250	28.16	0.02	8.12	80.2

Comments: ____

Calibration: pH Calibration Buffers: 4 ☐ 7 ☐ 10 ☐ | ORP Calibration ____ mV
SC Reference Solution ____ mS/cm | Turbidity Cal. Solution ____ NTUs

Sample Name: ATR-MW 35 (45) - 111721 | Time: 1520

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	3/VOA	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO_3 5 = BAC
3 = H_2SO_4 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 36 (92.4) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: KM | Date: 11/18/21 | Start Time: 0814 | Weather: Sunny, 37

MEASUREMENT SUMMARY:

Measuring Point: TOC | Depth to Water: 16.97 | Depth to Product: | Product Thickness:
Total Casing Depth: 92.4 | Well Diameter: 2" | Approx. Pump Depth: 90 Feet
Screen Interval: top bottom Feet

SAMPLING SUMMARY:

Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐

Pump Started: 0833 | Pump Stopped: 0907 | Total Gallons: 3 1/2

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
0835	7.03	0.858	11.684	7.45	200	17.01	0.04	3.21	52.0
0840	7.01	0.813	11.735	3.55	200	17.01	0.04	1.17	-23.2
0845	7.04	0.813	11.795	4.29	200	17.01	0.04	0.47	-44.7
0850	7.05	0.814	11.768	4.44	200	17.01	0.04	0.40	-53.5
0855	7.05	0.819	11.764	4.51	200	17.01	0.04	0.37	-56.7
0900	7.05	0.820	11.786	5.15	200	17.01	0.04	0.36	-57.9
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0900	7.05	0.820	11.786	5.15	200	17.01	0.04	0.36	-57.9

Comments:

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration 229 mV
SC Reference Solution 4.409 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 36 (92.4) - 111821 | Time: 0905

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	3 / VOA	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly

Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD | Blind Dup | Blind Dup Name | TB

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 37(23) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: RSD | Date: 11/08/21 | Start Time: 1406 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.20 | Depth to Product: _____ | Product Thickness: _____
Total Casing Depth: 23 | Well Diameter: _____ | Approx. Pump Depth: 20 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1415 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1420	7.16	0.618	14.06	74.9	400	9.21	0.01	2.12	16.2
1425	7.11	0.617	14.02	80.1	400	9.20	0.00	2.15	5.6
1430	7.15	0.618	14.00	78.7	400	9.20	0.00	2.38	2.7
1435	7.09	0.619	13.99	46.9	400	9.20	0.00	2.31	1.9
1440	7.08	0.619	13.98	29.80	400	9.20	0.00	2.34	-4.5
1445	7.07	0.620	13.97	23.45	400	9.20	0.00	2.35	-8.9
1450	7.07	0.620	13.96	18.75	400	9.20	0.00	2.34	-10.2
1455	7.07	0.620	13.95	20.10	400	9.20	0.00	2.31	-11.9
1500	7.06	0.620	13.94	20.20	400	9.20	0.00	2.29	-12.7
1505	7.09	0.620	13.95	13.15	400	9.20	0.00	2.31	-17.2
1510	7.06	0.620	13.95	8.90	400	9.20	0.00	2.27	-18.4

Stabilization Criteria: ±3% | ±3% | ±10 | | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: _____

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration 225 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution ✓ NTUs

Sample Name: ATR-MW 37(23)-11092021 | Time: 1511

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	3	HCL	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW37(70) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: RSD | Date: 11/09/2021 | Start Time: 1315 | Weather:

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 6.28 | Depth to Product: | Product Thickness:
Total Casing Depth: 90 | Well Diameter: | Approx. Pump Depth: 67 Feet
Screen Interval: top bottom Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1320 | Pump Stopped: 1354 | Total Gallons:

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1325	7.29	0.752	13.88	5.26	400	6.28	0	2.38	-10.6
1330	7.24	0.752	13.59	4.44	400	6.28	0	2.50	-10.3
1335	7.16	0.751	13.42	2.63	400	6.28	0	2.80	-3.2
1340	7.14	0.750	13.41	1.47	400	6.28	0	2.75	0.8
1345	7.11	0.749	13.21	1.24	400	6.28	0	2.79	-1.0
1350	7.12	0.749	13.21	1.22	400	6.28	0	2.81	-0.9
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments:

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration: 229 mV
SC Reference Solution: 4.49 mS/cm | Turbidity Cal. Solution: 0 NTUs

Sample Name: ATR-MW37(70)-110921 | Time: 1351

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☐			Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD | Blind Dup | Blind Dup Name | TB

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 37(98) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: RSD | Date: 11/09/2021 | Start Time: 1210 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 6.28 | Depth to Product: _____ | Product Thickness: _____
Total Casing Depth: 98 | Well Diameter: _____ | Approx. Pump Depth: 95 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1225 | Pump Stopped: 6.28 | Total Gallons: 1300

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1230	7.57	0.576	13.54	17.22	400	6.28	∅	2.39	41.3
1235	7.35	0.589	13.69	9.14	400	6.28	∅	0.90	-38.3
1240	7.27	0.701	13.70	4.42	400	6.28	∅	0.98	-57.7
1245	7.25	0.700	13.64	2.76	400	6.28	∅	1.01	-54.9
1250	7.23	0.700	13.65	2.35	400	6.28	∅	1.09	-65.7
1255	7.22	0.700	13.60	1.78	400	6.28	∅	1.07	-63.2
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1255	7.22	0.700	13.60	1.78	400	6.28	∅	1.07	-63.2

Comments: _____

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution ∅ NTUs

Sample Name: ATR-MW37(98)-110921 | Time: 1257

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	3	HCL	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD: ATR-MW37(98) | Blind Dup: _____ | Blind Dup Name: _____ | TB: _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☑ Sample ID ATR-MW 38(20.8)
Project Number 3031-21-0011 (Use: Well name)
Sampling Personnel GCD Date 11/9/21 Start Time 1610 Weather Cloudy 58°F

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 6.54 Depth to Product N/A Product Thickness N/A
Total Casing Depth 20.8 Well Diameter 2 Approx. Pump Depth 18 Feet
Screen Interval top bottom Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started 1613 Pump Stopped _____ Total Gallons _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1615	7.23	0.488	14.47	69.38	350	6.54	0	1.38	-134.8
1620	7.32	0.492	14.23	15.12	350	6.54	0	0.04	-154.1
1625	7.33	0.486	14.40	25.19	350	6.54	0	0.02	-183.0
1630	7.33	0.483	13.93	16.52	350	6.54	0	0.03	-179.8
1635	7.33	0.483	13.90	13.49	350	6.54	0	0.03	-177.5
1640	7.33	0.481	13.85	11.08	350	6.54	0	0.07	-176.0
1645	7.34	0.481	13.80	9.38	350	6.54	0	0.06	-173.5

Stabilization Criteria: ±3% ±3% ±10 ±10% ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1645	7.34	0.481	13.80	9.38	350	6.54	0	0.06	-173.5

Comments: _____

Calibration: pH Calibration Buffers: 4 ☐ 7 ☑ 10 ☑ ORP Calibration 229.0 mV
SC Reference Solution 4.490 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 38(20.8)-110921 Time 1647

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = BAC, 6 = Na_3PO_4

MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW38(29.9) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCD | Date: 11/9/21 | Start Time: 1514 | Weather: Cloudy 54°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 6.56 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 29.9 | Well Diameter: 2 | Approx. Pump Depth: 27.5 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1518 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1520	7.37	0.497	13.96	69.52	300	6.56	0	1.06	-90.5
1525	7.33	0.499	13.83	62.12	300	6.56	0	0.26	-64.4
1530	7.33	0.507	13.76	63.23	300	6.56	0	0.40	-57.3
1535	7.33	0.511	13.66	66.91	300	6.56	0	0.54	-53.5
1540	7.33	0.513	13.59	70.83	300	6.56	0	0.74	-51.4
1545	7.33	0.514	13.54	76.04	300	6.56	0	0.91	-50.3
1550	7.34	0.515	13.50	58.69	300	6.56	0	1.01	-49.4
1555	7.34	0.515	13.48	56.98	300	6.56	0	1.12	-48.9
1600	7.34	0.516	13.44	53.73	300	6.56	0	1.18	-48.5
1605	7.34	0.516	13.40	56.20	300	6.56	0	1.21	-48.2

Stabilization Criteria: ±3% | ±3% | ±10 | | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1605	7.34	0.516	13.40	56.2	300	6.56	0	1.21	-48.2

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW38(29.9)-110921 | Time: 1607

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 38(69.5) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCS | Date: 11/9/21 | Start Time: 1426 | Weather: Cloudy 55°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 7.92 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 69.9 | Well Diameter: 2 | Approx. Pump Depth: 66.5 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1431 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1433	7.07	0.897	15.65	71.14	300	7.92	0	2.94	7.7
1438	7.14	0.850	15.67	0.00	300	7.95	0.03	4.81	4.6
1443	7.11	0.855	15.77	0.00	300	7.98	0.06	5.53	5.1
1448	7.13	0.859	15.85	0.00	300	7.98	0.06	6.00	5.9
1453	7.25	0.633	13.76	0.00	300	7.98	0.06	1.48	-92.9
1458	7.27	0.637	13.59	0.00	300	7.98	0.06	0.32	-107.3
1503	7.258	0.637	13.50	0.00	300	7.98	0.06	0.30	-111.0
1508	7.256	0.636	13.45	0.00	300	7.98	0.06	0.33	-112.5

Stabilization Criteria: ±3% | ±3% | ±10 | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1508	7.256	0.636	13.45	0.00	300	7.98	0.06	0.33	-112.5

Comments: Pump Flow stopped so pressure increased at 1448

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW 38(69.5)-110921 | Time: 1510

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 39(13) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: CD | Date: 11/9/21 | Start Time: 1340 | Weather: Cloudy 55°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 3.85 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 13 | Well Diameter: 2 | Approx. Pump Depth: 11 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1346 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1340	7.32	0.835	14.48	3.37	300	3.85	0	5.13	-89.8
1352	7.32	0.857	14.44	0.00	300	3.85	0	5.28	-46.4
1357	7.30	0.855	14.45	0.00	300	3.85	0	5.62	-27.7
1402	7.27	0.863	14.46	0.00	300	3.85	0	5.26	-15.0
1407	7.05	0.894	14.47	0.00	300	3.85	0	0.89	-0.6
1412	7.02	0.896	14.47	0.00	300	3.85	0	0.71	5.6
1417	7.02	0.896	14.49	0.00	300	3.85	0	0.72	9.2
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1417	7.02	0.896	14.49	0.00	300	3.85	0	0.72	9.2

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 225 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW 39(13)-110921 | Time: 1420

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☐ | Sample ID: ATR-MW-39(29.3) (Use; Well name)
Project Number: 3031-21-0011
Sampling Personnel: GM | Date: 11/9/21 | Start Time: 1240 | Weather: Cloudy 56°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 3.38 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 29.3 | Well Diameter: 2 | Approx. Pump Depth: 27 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1248 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1249	7.23	0.732	13.90	17.36	300	3.38	0	1.41	-79.4
1254	7.22	0.743	13.75	39.05	300	3.38	0	0.07	-100.5
1259	7.23	0.745	13.87	33.21	300	3.38	0	0.05	-105.5
1304	7.23	0.745	13.82	22.92	300	3.38	0	0.04	-107.7
1309	7.23	0.745	13.74	22.14	300	3.38	0	0.05	-109.0
1314	7.23	0.745	13.73	16.55	300	3.38	0	0.04	-110.1
1319	7.23	0.745	13.70	18.13	300	3.38	0	0.04	-110.9
1324	7.24	0.745	13.70	15.93	300	3.38	0	0.05	-111.5
1329	7.23	0.745	13.69	12.55	300	3.38	0	0.04	-112.0
1334	7.23	0.745	13.64	9.24	300	3.38	0	0.05	-112.5
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1334	7.23	0.745	13.64	9.24	300	3.38	0	0.05	-112.5

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☐ 10 ☐ | ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW-39(29.3)-110921 | Time: 1335

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/6	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW-48(155) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCS | Date: 11/17/21 | Start Time: 1538 | Weather: Drizzle, 58°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 27.31 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 158.03 | Well Diameter: 2 | Approx. Pump Depth: 156 Feet
Screen Interval: top 153 bottom 158 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1545 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1548	7.58	0.635	14.31	0.00	200	27.31	0	3.78	-168.2
1553	7.69	0.637	13.98	0.00	200	27.31	0	1.80	-161.3
1558	7.69	0.637	14.02	212.60	200	27.31	0	0.86	-108.2
1603	7.68	0.634	13.95	211.15	200	27.32	0	0.44	-143.9
1608	7.57	0.624	12.84	87.10	200	27.31	0	0.31	-152.0
1613	7.57	0.624	12.73	60.98	200	27.31	0	0.27	-155.7
1618	7.55	0.620	12.76	43.15	200	27.31	0	0.20	-158.4
1623	7.53	0.618	12.69	28.77	200	27.31	0	0.15	-159.9
1628	7.52	0.616	12.66	13.43	200	27.31	0	0.13	-161.1
1633	7.52	0.616	12.72	13.25	200	27.31	0	0.11	-162.5
1638	7.52	0.614	12.75	5.86	200	27.31	0	0.09	-163.8
1643	7.51	0.613	12.68	4.84	200	27.31	0	0.08	-163.6

Stabilization Criteria: ±3% | ±3% | ±10 | | | | | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1643	7.51	0.613	12.68	4.84	200	27.31	0	0.08	-163.6

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW-48(155)-111721 | Time: 1645

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW-50(45) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCO | Date: 11/9/21 | Start Time: 1003 | Weather: Sunny

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 7.37 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 45 | Well Diameter: 2 | Approx. Pump Depth: 42 Feet
Screen Interval: top 40 bottom 45 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started: 1008 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1010	7.28	0.613	13.35	0.00	300	7.37	0	1.60	-88.6
1015	7.30	0.605	13.27	0.00	300	7.37	0	0.27	-99.2
1020	7.31	0.595	13.19	0.00	300	7.37	0	0.52	-108.6
1025	7.32	0.594	13.13	0.00	300	7.38	0.01	0.81	-110.6
1030	7.33	0.591	13.11	0.00	300	7.38	0.01	0.84	-113.4
1035	7.34	0.589	13.08	0.00	300	7.38	0.01	0.89	-115.3
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1035	7.34	0.589	13.08	0.00	300	7.38	0.01	0.89	-115.3

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW-50(45)-110921 | Time: 1037

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW-50(80) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GCM | Date: 11/9/21 | Start Time: 0916 | Weather: Cloudy, 44°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 8.39 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 80 | Well Diameter: 2 | Approx. Pump Depth: 77 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 0924 | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
0926	7.33	0.580	13.02	3.78	250	8.39	0	3.16	-54.2
0931	7.30	0.583	13.33	4.04	250	8.39	0	0.55	-74.5
0936	7.29	0.610	13.41	2.12	250	8.35	0	0.36	-75.9
0941	7.26	0.613	13.42	0.08	250	8.37	0	0.31	-74.4
0946	7.25	0.618	13.38	0.00	250	8.39	0	0.27	-74.5
0951	7.25	0.622	13.34	0.00	250	8.39	0	0.26	-74.9
0956	7.25	0.625	13.37	0.40	250	8.39	0	0.27	-75.4
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0956	7.25	0.625	13.37	0.40	250	8.39	0	0.27	-75.4

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW-50(80)-110921 | Time: 0958

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G		Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ | Blind Dup _____ | Blind Dup Name _____ | TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water: ✓ | Groundwater: | Sample ID: ATR-MW-51(70) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: GLD | Date: 11/9/21 | Start Time: 0730 | Weather: Cloudy 42°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 2.72 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 70 | Well Diameter: 2 | Approx. Pump Depth: 68 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab | Composite | Grundfos | Bladder Pump: ✓ | Peristaltic Pump | Bailer
Pump Started: 0746 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
0748	7.17	0.593	13.06	0.00	300	2.72	0	2.17	174.1
0753	7.25	0.598	13.30	0.00	300	2.72	0	0.18	-62.5
0758	7.27	0.597	13.24	0.00	300	2.72	0	0.13	-85.2
0803	7.29	0.596	13.20	0.00	300	2.72	0	0.11	-96.3
0808	7.30	0.595	13.20	0.00	300	2.72	0	0.11	-102.4
0813	7.30	0.594	13.11	0.00	300	2.72	0	0.11	-105.5
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0813	7.30	0.594	13.11	0.00	300	2.72	0	0.11	-105.5

Comments: ____

Calibration: pH Calibration Buffers: 4 | 7: ✓ | 10 | ORP Calibration 225 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW-51(70)-110921 | Time: 0815

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs: ✓	3/G		Dissolved Gasses		
TOC + NO_3			VFA		
Fe/Mn			DHC		
			Alkalinity + Anions (Cl-, SO4)		
Other:			Other:		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD: ATR-MW-51(70)-110921-MS/MSD | Blind Dup: ____ | Blind Dup Name: ____ | TB: ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☑ Sample ID ATR-MW51(25)
Project Number 3031-21-0011 (Use: Well name)
Sampling Personnel GCD Date 11/5/21 Start Time 0825 Weather Cloudy 43°F

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 2.62 Depth to Product N/A Product Thickness N/A
Total Casing Depth 25 Well Diameter 2 Approx. Pump Depth 22 Feet
Screen Interval top bottom Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐

Pump Started 0831 Pump Stopped _____ Total Gallons _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
0832	7.23	0.577	12.30	4.19	300	2.62	0	0.95	-165.6
0837	7.18	0.588	13.74	5.47	300	2.62	0	1.05	-121.8
0842	7.19	0.588	13.90	0.81	300	2.62	0	1.98	-119.4
0847	7.18	0.588	14.02	1.77	300	2.62	0	2.39	-115.5
0852	7.18	0.588	14.07	0.00	300	2.62	0	2.56	-112.7
0857	7.18	0.589	14.12	1.78	300	2.62	0	2.63	-110.7

Stabilization Criteria: ±3% ±3% ±10 ±10% ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0857	7.18	0.589	14.12	1.78	300	2.62	0	2.63	-110.7

Comments: _____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☐ ORP Calibration 250 mV
SC Reference Solution 4.490 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW51(25)-110921 Time 0908

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water [ ] | Groundwater [X] | Sample ID: ATR-MW52(55) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: KM | Date: 11/18/21 | Start Time: 1034 | Weather: Sunny, 38°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 15.85 | Depth to Product: | Product Thickness:
Total Casing Depth: 55 | Well Diameter: 2" | Approx. Pump Depth: 53 Feet
Screen Interval: top bottom Feet

SAMPLING SUMMARY:
Sampling Method: Grab [X] | Composite [ ] | Grundfos [ ] | Bladder Pump [X] | Peristaltic Pump [ ] | Bailer [ ]

Pump Started: 10:47 | Pump Stopped: 12:32 | Total Gallons: 5 1/2

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1050	7.12	0.991	12.487	1162.7	180	15.88	0.03	0.73	-108.2
1055	7.12	1.018	12.366	947.3	180	15.88	0.03	0.51	-103.4
1100	7.11	1.013	12.407	501.3	180	15.88	0.03	0.47	-93.0
1105	7.10	1.009	12.338	67.93	180	15.88	0.03	0.48	-80.1
1110	7.10	1.005	12.272	53.79	180	15.88	0.03	0.50	-75.6
1115	7.10	1.003	12.423	92.60	180	15.88	0.03	0.50	-80.1
1120	7.10	1.003	12.618	156.25	180	15.88	0.03	0.50	-79.9
1125	7.10	1.005	12.471	63.42	180	15.88	0.03	0.52	-77.1
1130	7.10	1.002	12.394	65.49	180	15.88	0.03	0.54	-75.7
1135	7.10	1.003	12.594	45.94	180	15.88	0.03	0.53	-77.3
1140	7.10	1.000	12.455	36.21	180	15.88	0.03	0.50	-76.7
1145	7.10	0.999	12.325	31.88	180	15.88	0.03	0.50	-78.5
1150	7.11	0.998	12.005	19.44	180	15.88	0.03	0.53	-81.8
1155	7.11	0.994	12.130	15.30	180	15.88	0.03	0.49	-83.1
1200	7.11	0.995	12.022	13.64	180	15.88	0.03	0.50	-84.0
1205	7.11	0.994	12.451	10.47	180	15.88	0.03	0.55	-84.5
1210	7.11	0.992	12.061	13.27	180	15.88	0.03	0.56	-84.3
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: Continued onto page 2

Calibration: pH Calibration Buffers: 4 [X] 7 [X] 10 [ ] | ORP Calibration 224 mV
SC Reference Solution 1.409 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW52(55)-111821 | Time: 1230

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs [X]	3/VOA	1	Dissolved Gasses [ ]		
TOC + NO_3 [ ]			VFA [ ]		
Fe/Mn [ ]			DHC [ ]		
			Alkalinity + Anions (Cl-, SO4) [ ]		
Other: [ ]			Other: [ ]		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD | Blind Dup | Blind Dup Name | TB

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water [ ] | Groundwater [x] | Sample ID: ATR-MW52(55) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: KM | Date: 11/18/21 | Start Time: 1034 | Weather: Sunny, 38

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 15.85 | Depth to Product: | Product Thickness:
Total Casing Depth: 55 | Well Diameter: 2" | Approx. Pump Depth: 53 Feet
Screen Interval: top bottom Feet

SAMPLING SUMMARY:
Sampling Method: Grab [x] Composite [ ] Grundfos [ ] Bladder Pump [x] Peristaltic Pump [ ] Bailer [ ]

Pump Started: 1047 | Pump Stopped: 1232 | Total Gallons: 5 1/2

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1215	7.11	0.993	12.201	9.46	180	15.88	0.03	0.56	-84.8
1220	7.11	0.990	12.250	9.18	180	15.88	0.03	0.57	-84.1
1225	7.11	0.992	12.229	8.91	180	15.88	0.03	0.57	-84.7
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1225	7.11	0.992	12.229	8.91	180	15.88	0.03	0.57	-84.7

Comments:

Calibration: pH Calibration Buffers: 4 [x] 7 [x] 10 [x] | ORP Calibration 229 mV
SC Reference Solution 4.409 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW52(55) - 111821 | Time: 1230

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs [x]	3/VOA	1	Dissolved Gasses [ ]		
TOC + NO_3 [ ]			VFA [ ]		
Fe/Mn [ ]			DHC [ ]		
			Alkalinity + Anions (Cl-, SO4) [ ]		
Other: [ ]			Other: [ ]		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD | Blind Dup | Blind Dup Name | TB

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 54 (46) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: KM | Date: 11/18/21 | Start Time: 0920 | Weather: Sunny 37°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 15.69 | Depth to Product: | Product Thickness:
Total Casing Depth: 46 | Well Diameter: 2" | Approx. Pump Depth: 44 Feet
Screen Interval: top bottom Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐

Pump Started: 0937 | Pump Stopped: 1027 | Total Gallons: 3 1/2

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
0940	7.38	0.459	13.989	15.98	220	15.69	0	0.66	-141.9
0945	7.37	0.459	14.057	10.94	220	15.69	0	0.46	-144.5
0950	7.40	0.455	13.902	10.57	220	15.69	0	0.41	-145.3
0955	7.42	0.453	13.868	10.36	220	15.69	0	0.40	-154.6
1000	7.41	0.455	13.853	10.18	220	15.69	0	0.37	-149.6
1005	7.41	0.453	13.863	9.73	220	15.69	0	0.36	-152.1
1010	7.41	0.452	13.613	9.18	220	15.69	0	0.35	-153.0
1015	7.41	0.453	13.662	8.61	220	15.69	0	0.35	-154.5
1020	7.42	0.453	13.679	8.42	220	15.69	0	0.36	-154.4

Stabilization Criteria: ±3% | ±3% | ±10 | ±10% | ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1020	7.42	0.453	13.679	8.42	220	15.69	0	0.36	-154.4

Comments:

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration 229 mV
SC Reference Solution 4.409 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 54 (46) - 111821 | Time: 1025

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	3/VOA	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD | Blind Dup | Blind Dup Name | TB

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water [ ] | Groundwater [X] | Sample ID: ATR-MW60(88) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: KM | Date: 11/18/21 | Start Time: 1242 | Weather: Sunny

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 13.72 | Depth to Product: | Product Thickness:
Total Casing Depth: 88 | Well Diameter: 2" | Approx. Pump Depth: 86 Feet
Screen Interval: top bottom Feet

SAMPLING SUMMARY:
Sampling Method: Grab [X] | Composite [ ] | Grundfos [ ] | Bladder Pump [X] | Peristaltic Pump [ ] | Bailer [ ]

Pump Started: 1304 | Pump Stopped: 1401 | Total Gallons: 3

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1310	7.45	0.381	13.537	176.93	200	13.77	0.05	0.48	-158.5
1315	7.53	0.396	13.513	88.20	200	13.77	0.05	0.35	-167.1
1320	7.57	0.408	13.954	42.60	200	13.77	0.05	0.31	-173.8
1325	7.58	0.410	13.532	28.54	200	13.77	0.05	0.30	-173.5
1330	7.58	0.410	13.882	19.39	200	13.77	0.05	0.31	-170.3
1335	7.58	0.410	13.537	14.90	200	13.77	0.05	0.31	-168.6
1340	7.58	0.410	13.864	11.35	200	13.77	0.05	0.32	-167.7
1345	7.58	0.409	13.705	8.34	200	13.77	0.05	0.32	-166.4
1350	7.58	0.411	13.757	6.59	200	13.77	0.05	0.32	-166.6
1355	7.58	0.410	13.758	5.01	200	13.77	0.05	0.32	-166.4
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1355	7.58	0.410	13.758	5.01	200	13.77	0.05	0.32	-166.4

Comments:

Calibration: pH Calibration Buffers: 4 [X] 7 [X] 10 [X] | ORP Calibration 229 mV
SC Reference Solution 4.409 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW60(88)-111821 | Time: 1400

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs [X]	3/VOA	1	Dissolved Gasses [ ]		
TOC + NO_3 [ ]			VFA [ ]		
Fe/Mn [ ]			DHC [ ]		
			Alkalinity + Anions (Cl-, SO4) [ ]		
Other: [ ]			Other: [ ]		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD | Blind Dup | Blind Dup Name | TB

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water [ ] Groundwater [✓] Sample ID ATR-MW 67(30)
Project Number 3031-21-0011 (Use: Well name)
Sampling Personnel RED Date 11/09/2021 Start Time ______ Weather ______

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 25.18 Depth to Product ______ Product Thickness ______
Total Casing Depth 30.30 Well Diameter ______ Approx. Pump Depth ______ Feet
Screen Interval top ______ bottom ______ Feet

SAMPLING SUMMARY:
Sampling Method: Grab [ ] Composite [ ] Grundfos [ ] Bladder Pump [ ] Peristaltic Pump [ ] Bailer [ ]
Pump Started ______ Pump Stopped ______ Total Gallons ______

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)	
0920	6.42	0.0146	18.88	230	—	—	—	3.18	-76.5	0.5
0927	6.06	1.652	16.81	115	—	—	—	2.47	-99.7	1.0
0935	6.07	1.651	16.80	84.3	—	—	—	2.56	-101.7	1.5

Stabilization Criteria: ±3% ±3% ±10 ±10% ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: 30.30-25.18=5.12x 0.0918 =0.47x3=1.41

Calibration: pH Calibration Buffers: 4 [✓] 7 [✓] 10 [✓] ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution Ø NTUs

Sample Name ATR-MW67 Time 0939

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO_3 5 = BAC
3 = H_2SO_4 6 = Na_3PO_4

Analyses (check)		Bottle #/Type	Preservative			Bottle #/Type	Preservative
VOCs	[✓]	3	HCL	Dissolved Gasses	[ ]		
TOC + NO_3	[ ]			VFA	[ ]		
Fe/Mn	[ ]			DHC	[ ]		
				Alkalinity + Anions (Cl-, SO4)	[ ]		
Other:______	[ ]			Other:______	[ ]		

MS/MSD ______ Blind Dup ______ Blind Dup Name ______ TB ______

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GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW71(33) (Use: Well name)
Project Number: 3031-21-0011
Sampling Personnel: RED | Date: 11/09/2021 | Start Time: _____ | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 24.80 | Depth to Product: _____ | Product Thickness: _____
Total Casing Depth: 33 | Well Diameter: _____ | Approx. Pump Depth: _____ Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Bailer ☒
Pump Started: _____ | Pump Stopped: _____ | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)	
0827	5.50	2.026	16.95	150.5	—	—	—	3.17	130	0.5
0837	5.67	1.896	17.01	134.4	—	—	—	2.98	-4.7	1.0
0845	5.86	1.593	17.38	140.0	—	—	—	2.61	-58.2	1.5
0853	6.00	1.601	17.60	200.1	—	—	—	2.72	-58.2	2.0
0900	5.87	1.593	17.81	225.0	—	—	—	2.81	-61.3	2.5
Stabilization Criteria:		±3%	±3%	±10				±10%	±10	

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: 33 - 24.8 = 8.2 x 0.0918 = 7.53 x 3 = 2.25 x

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution Ø NTUs

Sample Name: ATR-MW71-110921 | Time: 0905

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3	HCl	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD: _____ | Blind Dup: ATRMW71-110921R | Blind Dup Name: _____ | TB: _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUNDWATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 84(44)
Project Number: 3031-21-0011 | (Use: Well name)
Sampling Personnel: GCS | Date: 11/18/21 | Start Time: 0815 | Weather: Sunny 33°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 41.12 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 43.81 | Well Diameter: 2 | Approx. Pump Depth: 43 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 0825 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
0827	7.24	0.769	10.59	12.10	350	41.12	0	3.89	212.0
0832	7.15	0.725	11.70	8.60	350	41.14	0.02	1.67	209.2
0837	7.24	0.725	11.69	4.29	350	41.14	0.02	1.95	204.1
0842	7.27	0.722	11.89	8.70	350	41.14	0.02	1.98	199.6
0847	7.29	0.721	11.85	7.16	350	41.14	0.02	1.91	196.7
0852	7.29	0.720	11.90	5.54	350	41.14	0.02	1.85	187.3
0857	7.30	0.720	11.86	3.18	350	41.15	0.03	1.84	172.1
0902	7.31	0.718	11.72	2.51	350	41.15	0.03	1.84	167.8
0907	7.31	0.718	11.84	0.44	350	41.15	0.03	1.81	165.3
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0907	7.31	0.718	11.84	0.44	350	41.15	0.03	1.81	165.3

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.490 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW 84(44)-111821 | Time: 0910

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/6	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO_3, 5 = BAC, 3 = H_2SO_4, 6 = Na_3PO_4

MS/MSD ____ | Blind Dup ____ | Blind Dup Name ____ | TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ATR-~~MW~~ EB-001
Project Number 3031-21-0011 (Use: Well name)
Sampling Personnel GAO Date 11/8/21 Start Time _____ Weather _____

MEASUREMENT SUMMARY:
Measuring Point _____ Depth to Water _____ Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Well Diameter _____ Approx. Pump Depth _____ Feet
Screen Interval top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Bailer ☐
Pump Started _____ Pump Stopped _____ Total Gallons _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: Equipment Blank ATR-EB-001-110821-1544

Time 1544

Calibration: pH Calibration Buffers: 4 ☐ 7 ☐ 10 ☐ ORP Calibration _____ mV
SC Reference Solution _____ mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name ATR-MW Time _____

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☐			Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: _____ ☐			Other: _____ ☐		

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO_3 5 = BAC
3 = H_2SO_4 6 = Na_3PO_4

MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester Surface Water ☐ Groundwater ☒ Sample ID: ATR-MW-EB001-110921
Project Number: 3031-21-0011 (Use: Well name)
Sampling Personnel: RED Date: 11/09/2021 Start Time: 1152 Weather: _____

MEASUREMENT SUMMARY:

Measuring Point _____ Depth to Water _____ Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Well Diameter _____ Approx. Pump Depth _____ Feet
Screen Interval top _____ bottom _____ Feet

SAMPLING SUMMARY:

Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Bailer ☐

Pump Started _____ Pump Stopped _____ Total Gallons _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: _____

Calibration: pH Calibration Buffers: 4 ☐ 7 ☐ 10 ☐ ORP Calibration _____ mV
SC Reference Solution _____ mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name: ATR-MW-EB001-110921 Time: 1156

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☐			Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: _____ ☐			Other: _____ ☐		

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO_3 5 = BAC
3 = H_2SO_4 6 = Na_3PO_4

MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ATR-MW- EB001
Project Number 3031-21-0011 (Use: Well name)
Sampling Personnel KM Date 11/17/21 Start Time 1655 Weather Drizzle, 58°F

MEASUREMENT SUMMARY:
Measuring Point _____ Depth to Water _____ Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Well Diameter _____ Approx. Pump Depth _____ Feet
Screen Interval top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Bailer ☐
Pump Started _____ Pump Stopped _____ Total Gallons _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: _____

Calibration: pH Calibration Buffers: 4 ☐ 7 ☐ 10 ☐ ORP Calibration _____ mV
SC Reference Solution _____ mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name ATR-MW EB001-111721 Time 1655

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3 G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO_3 5 = BAC
3 = H_2SO_4 6 = Na_3PO_4

MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ATR-~~MW~~ EB-001-111821
(Use: Well name)
Project Number 3031-21-0011
Sampling Personnel GCD Date 11/18/21 Start Time _____ Weather _____

MEASUREMENT SUMMARY:
Measuring Point _____ Depth to Water _____ Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Well Diameter _____ Approx. Pump Depth _____ Feet
Screen Interval top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Bailer ☐
Pump Started _____ Pump Stopped _____ Total Gallons _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: _____

Calibration: pH Calibration Buffers: 4 ☐ 7 ☐ 10 ☐ ORP Calibration _____ mV
SC Reference Solution _____ mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name ATR-~~MW~~ EB001-111821 Time 1240

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3/G	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO_3 5 = BAC
3 = H_2SO_4 6 = Na_3PO_4

MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ATR-MW -FB-001
Project Number 3031-21-0011 (Use: Well name)
Sampling Personnel GES Date 11/17/21 Start Time 1100 Weather Rain

MEASUREMENT SUMMARY:
Measuring Point _____ Depth to Water _____ Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Well Diameter _____ Approx. Pump Depth _____ Feet
Screen Interval top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Bailer ☐
Pump Started _____ Pump Stopped _____ Total Gallons _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP

Comments: _____

Calibration: pH Calibration Buffers: 4 ☐ 7 ☐ 10 ☐ ORP Calibration _____ mV
SC Reference Solution _____ mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name ATR-MW-FB-001-111721 Time 1100

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☐	6/3	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO_3 5 = BAC
3 = H_2SO_4 6 = Na_3PO_4

MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

APPENDIX B

LABORATORY REPORTS AND DATA VALIDATION REPORT

22-Nov-2021

Paul Stork
Wood Environment & Infrastructure Solutions, Inc.
521 Byers Road, Suite 204
Miamisburg, OH 45342

Re: **TFS Rochester (3359-15-1040)** Work Order: **21111249**

Dear Paul,

ALS Environmental received 27 samples on 11-Nov-2021 09:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 80.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Jodi Blouw

Electronically approved by: Jodi Blouw

Jodi Blouw

Report of Laboratory Analysis

ALS Group, USA

Date: 22-Nov-21

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Work Order: **21111249**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21111249-01	ATR-MW-31 (55.5)-110821-1309	Groundwater		11/8/2021 13:09	11/11/2021 09:00	☐
21111249-02	ATR-MW-31 (30.9)-110821-1432	Groundwater		11/8/2021 14:32	11/11/2021 09:00	☐
21111249-03	ATR-MW-31 (98.5)-110821-1532	Groundwater		11/8/2021 15:32	11/11/2021 09:00	☐
21111249-04	ATR-EB-001-110821-1544	Groundwater		11/8/2021 15:44	11/11/2021 09:00	☐
21111249-05	ATR-MW-51 (70)-110921	Groundwater		11/9/2021 08:15	11/11/2021 09:00	☐
21111249-06	ATR-MW-51 (25)-110921	Groundwater		11/9/2021 09:00	11/11/2021 09:00	☐
21111249-07	ATR-MW-50 (80)-110921	Groundwater		11/9/2021 09:58	11/11/2021 09:00	☐
21111249-08	ATR-MW-50 (45)-110921	Groundwater		11/9/2021 10:37	11/11/2021 09:00	☐
21111249-09	ATR-MW-32 (89)-110921	Groundwater		11/9/2021 11:32	11/11/2021 09:00	☐
21111249-10	ATR-MW-32 (24.1)-110921	Groundwater		11/9/2021 12:10	11/11/2021 09:00	☐
21111249-11	ATR-MW-71 (33)-110921	Groundwater		11/9/2021 09:05	11/11/2021 09:00	☐
21111249-12	ATR-MW-71 (33)-110921R	Groundwater		11/9/2021 09:05	11/11/2021 09:00	☐
21111249-13	ATR-MW-67 (30)-110921	Groundwater		11/9/2021 09:39	11/11/2021 09:00	☐
21111249-14	ATR-MW-34 (85)-110921	Groundwater		11/9/2021 10:57	11/11/2021 09:00	☐
21111249-15	ATR-MW-34 (37)-110921	Groundwater		11/9/2021 11:38	11/11/2021 09:00	☐
21111249-16	ATR-MW-34 (37)-110921R	Groundwater		11/9/2021 11:38	11/11/2021 09:00	☐
21111249-17	ATR-EB001-110921	Groundwater		11/9/2021 11:56	11/11/2021 09:00	☐
21111249-18	ATR-MW-39 (29.3)-110921	Groundwater		11/9/2021 13:35	11/11/2021 09:00	☐
21111249-19	ATR-MW-39 (13)-110921	Groundwater		11/9/2021 14:20	11/11/2021 09:00	☐
21111249-20	ATR-MW-37 (98)-110921	Groundwater		11/9/2021 12:57	11/11/2021 09:00	☐
21111249-21	ATR-MW-37 (70)-110921	Groundwater		11/9/2021 13:51	11/11/2021 09:00	☐
21111249-22	ATR-MW-37 (23.3)-110921	Groundwater		11/9/2021 15:11	11/11/2021 09:00	☐
21111249-23	ATR-MW-38 (69.9)-110921	Groundwater		11/9/2021 15:10	11/11/2021 09:00	☐
21111249-24	ATR-MW-38 (29.1)-110921	Groundwater		11/9/2021 16:07	11/11/2021 09:00	☐
21111249-25	ATR-MW-38 (20.8)-110921	Groundwater		11/9/2021 16:47	11/11/2021 09:00	☐
21111249-26	ATR-MW-30 (41.1)-110921	Groundwater		11/9/2021 16:22	11/11/2021 09:00	☐
21111249-27	Trip Blank	Water		11/9/2021	11/11/2021 09:00	☐

ALS Group, USA

Date: 22-Nov-21

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
WorkOrder: **21111249**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
µg/L	Micrograms per Liter

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Work Order: 21111249

Case Narrative

Samples for the above noted Work Order were received on 11/11/2021. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics:
Batch R332653a, Method SW8260C, Sample ATR-MW-39 (29.3)-110921 (21111249-18A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R332653a, Method SW8260C, Sample ATR-MW-39 (13)-110921 (21111249-19A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R332653a, Method SW8260C, Sample ATR-MW-37 (98)-110921 (21111249-20A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R332653a, Method SW8260C, Sample ATR-MW-37 (70)-110921 (21111249-21A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R332758a, Method SW8260C, Sample Trip Blank (21111249-27A): The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample

results were non-detect for the following analytes: Styrene

Batch R332758a, Method SW8260C, Sample ATR-MW-37 (23.3)-110921 (21111249-22A): The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: Styrene

Batch R332758a, Method SW8260C, Sample ATR-MW-38 (69.9)-110921 (21111249-23A): The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: Styrene

Batch R332758a, Method SW8260C, Sample ATR-MW-38 (29.1)-110921 (21111249-24A): The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: Styrene

Batch R332758a, Method SW8260C, Sample ATR-MW-38 (20.8)-110921 (21111249-25A): The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: Styrene

Batch R332758a, Method SW8260C, Sample ATR-MW-30 (41.1)-110921 (21111249-26A): The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: Styrene

Batch R332758a, Method SW8260C, Sample 8V-LCSW2-211118: The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: 4-Methyl-2-pentanone, Styrene

Batch R332645a, Method SW8260C, Sample 21111249-05A MS: The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: See QC report

Batch R332645a, Method SW8260C, Sample 21111249-05A MS: The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: Bromomethane

Batch R332653a, Method SW8260C, Sample 21111249-20A MS: The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: Styrene

Batch R332758a, Method SW8260C, Sample 21111249-26A MS: The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: Chloromethane

Batch R332645a, Method SW8260C, Sample 21111249-05A MSD: The MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: See QC report

Batch R332645a, Method SW8260C, Sample 21111249-05A MSD: The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary. Bromomethane

Batch R332653a, Method SW8260C, Sample 21111249-20A MSD: The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary. Styrene

Batch R332758a, Method SW8260C, Sample 21111249-26A MSD: The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary. Chloromethane

No other deviations or anomalies were noted.

ALS Group, USA

Date: *22-Nov-2021*

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-31 (55.5)-110821-1309 **Lab ID:** 21111249-01
Collection Date: 11/8/2021 01:09 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 02:53 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 02:53 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Acetone	ND		10	µg/L	1	11/18/2021 02:53 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 02:53 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 02:53 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 02:53 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 02:53 AM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	1	11/18/2021 02:53 AM
Surr: 4-Bromofluorobenzene	*86.0*		*80-110*	*%REC*	1	11/18/2021 02:53 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-31 (55.5)-110821-1309 **Lab ID:** 21111249-01
Collection Date: 11/8/2021 01:09 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	1	11/18/2021 02:53 AM
Surr: Toluene-d8	*105*		*85-110*	*%REC*	1	11/18/2021 02:53 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-31 (30.9)-110821-1432 **Lab ID:** 21111249-02
Collection Date: 11/8/2021 02:32 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 03:10 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 03:10 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Acetone	ND		10	µg/L	1	11/18/2021 03:10 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 03:10 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 03:10 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 03:10 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 03:10 AM
Surr: 1,2-Dichloroethane-d4	*103*		*75-120*	*%REC*	1	11/18/2021 03:10 AM
Surr: 4-Bromofluorobenzene	*86.8*		*80-110*	*%REC*	1	11/18/2021 03:10 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-31 (30.9)-110821-1432 **Lab ID:** 21111249-02
Collection Date: 11/8/2021 02:32 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	1	11/18/2021 03:10 AM
Surr: Toluene-d8	*102*		*85-110*	*%REC*	1	11/18/2021 03:10 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-31 (98.5)-110821-1532 **Lab ID:** 21111249-03
Collection Date: 11/8/2021 03:32 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 03:27 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 03:27 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Acetone	ND		10	µg/L	1	11/18/2021 03:27 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 03:27 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 03:27 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 03:27 AM
Vinyl chloride	**2.5**		**1.0**	**µg/L**	1	11/18/2021 03:27 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 03:27 AM
Surr: 1,2-Dichloroethane-d4	*106*		*75-120*	*%REC*	1	11/18/2021 03:27 AM
Surr: 4-Bromofluorobenzene	*88.0*		*80-110*	*%REC*	1	11/18/2021 03:27 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-31 (98.5)-110821-1532 **Lab ID:** 21111249-03
Collection Date: 11/8/2021 03:32 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*105*		*85-115*	*%REC*	1	11/18/2021 03:27 AM
Surr: Toluene-d8	*105*		*85-110*	*%REC*	1	11/18/2021 03:27 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-EB-001-110821-1544 **Lab ID:** 21111249-04
Collection Date: 11/8/2021 03:44 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 03:44 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 03:44 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Acetone	ND		10	µg/L	1	11/18/2021 03:44 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 03:44 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 03:44 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 03:44 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 03:44 AM
Surr: 1,2-Dichloroethane-d4	*97.8*		*75-120*	*%REC*	1	11/18/2021 03:44 AM
Surr: 4-Bromofluorobenzene	*86.4*		*80-110*	*%REC*	1	11/18/2021 03:44 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-EB-001-110821-1544 **Lab ID:** 21111249-04
Collection Date: 11/8/2021 03:44 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.2*		*85-115*	*%REC*	1	11/18/2021 03:44 AM
Surr: Toluene-d8	*103*		*85-110*	*%REC*	1	11/18/2021 03:44 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-51 (70)-110921 **Lab ID:** 21111249-05
Collection Date: 11/9/2021 08:15 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 04:01 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 04:01 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Acetone	ND		10	µg/L	1	11/18/2021 04:01 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 04:01 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 04:01 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 04:01 AM
Vinyl chloride	**1.7**		**1.0**	**µg/L**	1	11/18/2021 04:01 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 04:01 AM
Surr: 1,2-Dichloroethane-d4	*98.3*		*75-120*	*%REC*	1	11/18/2021 04:01 AM
Surr: 4-Bromofluorobenzene	*85.9*		*80-110*	*%REC*	1	11/18/2021 04:01 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-51 (70)-110921 **Lab ID:** 21111249-05
Collection Date: 11/9/2021 08:15 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*85-115*	*%REC*	1	11/18/2021 04:01 AM
Surr: Toluene-d8	*104*		*85-110*	*%REC*	1	11/18/2021 04:01 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-51 (25)-110921 **Lab ID:** 21111249-06
Collection Date: 11/9/2021 09:00 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 04:18 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 04:18 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Acetone	ND		10	µg/L	1	11/18/2021 04:18 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 04:18 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 04:18 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 04:18 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 04:18 AM
Surr: 1,2-Dichloroethane-d4	*98.0*		*75-120*	*%REC*	1	11/18/2021 04:18 AM
Surr: 4-Bromofluorobenzene	*87.5*		*80-110*	*%REC*	1	11/18/2021 04:18 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-51 (25)-110921 **Lab ID:** 21111249-06
Collection Date: 11/9/2021 09:00 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.0*		*85-115*	*%REC*	1	11/18/2021 04:18 AM
Surr: Toluene-d8	*104*		*85-110*	*%REC*	1	11/18/2021 04:18 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-50 (80)-110921 **Lab ID:** 21111249-07
Collection Date: 11/9/2021 09:58 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 04:35 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 04:35 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Acetone	ND		10	µg/L	1	11/18/2021 04:35 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 04:35 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 04:35 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 04:35 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 04:35 AM
Surr: 1,2-Dichloroethane-d4	*99.6*		*75-120*	*%REC*	1	11/18/2021 04:35 AM
Surr: 4-Bromofluorobenzene	*87.3*		*80-110*	*%REC*	1	11/18/2021 04:35 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-50 (80)-110921 **Lab ID:** 21111249-07
Collection Date: 11/9/2021 09:58 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/18/2021 04:35 AM
Surr: Toluene-d8	*106*		*85-110*	*%REC*	1	11/18/2021 04:35 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-50 (45)-110921 **Lab ID:** 21111249-08
Collection Date: 11/9/2021 10:37 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 04:52 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 04:52 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Acetone	ND		10	µg/L	1	11/18/2021 04:52 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 04:52 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 04:52 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 04:52 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 04:52 AM
Surr: 1,2-Dichloroethane-d4	*98.7*		*75-120*	*%REC*	1	11/18/2021 04:52 AM
Surr: 4-Bromofluorobenzene	*87.8*		*80-110*	*%REC*	1	11/18/2021 04:52 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-50 (45)-110921 **Lab ID:** 21111249-08
Collection Date: 11/9/2021 10:37 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.0*		*85-115*	*%REC*	1	11/18/2021 04:52 AM
Surr: Toluene-d8	*106*		*85-110*	*%REC*	1	11/18/2021 04:52 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-32 (89)-110921 **Lab ID:** 21111249-09
Collection Date: 11/9/2021 11:32 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 05:09 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 05:09 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Acetone	ND		10	µg/L	1	11/18/2021 05:09 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 05:09 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 05:09 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 05:09 AM
Vinyl chloride	**13**		**1.0**	**µg/L**	1	11/18/2021 05:09 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 05:09 AM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	1	11/18/2021 05:09 AM
Surr: 4-Bromofluorobenzene	*85.2*		*80-110*	*%REC*	1	11/18/2021 05:09 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-32 (89)-110921 **Lab ID:** 21111249-09
Collection Date: 11/9/2021 11:32 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*107*		*85-115*	*%REC*	1	11/18/2021 05:09 AM
Surr: Toluene-d8	*102*		*85-110*	*%REC*	1	11/18/2021 05:09 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-32 (24.1)-110921 **Lab ID:** 21111249-10
Collection Date: 11/9/2021 12:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 05:25 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 05:25 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Acetone	ND		10	µg/L	1	11/18/2021 05:25 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
cis-1,2-Dichloroethene	**1.3**		**1.0**	**µg/L**	1	11/18/2021 05:25 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 05:25 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 05:25 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 05:25 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 05:25 AM
Surr: 1,2-Dichloroethane-d4	*101*		*75-120*	*%REC*	1	11/18/2021 05:25 AM
Surr: 4-Bromofluorobenzene	*84.3*		*80-110*	*%REC*	1	11/18/2021 05:25 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-32 (24.1)-110921 **Lab ID:** 21111249-10
Collection Date: 11/9/2021 12:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	1	11/18/2021 05:25 AM
Surr: Toluene-d8	*107*		*85-110*	*%REC*	1	11/18/2021 05:25 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-71 (33)-110921 **Lab ID:** 21111249-11
Collection Date: 11/9/2021 09:05 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 05:42 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 05:42 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Acetone	**12**		**10**	**µg/L**	1	11/18/2021 05:42 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
cis-1,2-Dichloroethene	**1.1**		**1.0**	**µg/L**	1	11/18/2021 05:42 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 05:42 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 05:42 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 05:42 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 05:42 AM
Surr: 1,2-Dichloroethane-d4	*103*		*75-120*	*%REC*	1	11/18/2021 05:42 AM
Surr: 4-Bromofluorobenzene	*90.8*		*80-110*	*%REC*	1	11/18/2021 05:42 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-71 (33)-110921 **Lab ID:** 21111249-11
Collection Date: 11/9/2021 09:05 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/18/2021 05:42 AM
Surr: Toluene-d8	*105*		*85-110*	*%REC*	1	11/18/2021 05:42 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-71 (33)-110921R **Lab ID:** 21111249-12
Collection Date: 11/9/2021 09:05 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 05:59 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 05:59 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Acetone	ND		10	µg/L	1	11/18/2021 05:59 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
cis-1,2-Dichloroethene	**1.0**		**1.0**	**µg/L**	1	11/18/2021 05:59 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 05:59 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 05:59 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 05:59 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 05:59 AM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	1	11/18/2021 05:59 AM
Surr: 4-Bromofluorobenzene	*91.2*		*80-110*	*%REC*	1	11/18/2021 05:59 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-71 (33)-110921R **Lab ID:** 21111249-12
Collection Date: 11/9/2021 09:05 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*85-115*	*%REC*	1	11/18/2021 05:59 AM
Surr: Toluene-d8	*107*		*85-110*	*%REC*	1	11/18/2021 05:59 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-67 (30)-110921 **Lab ID:** 21111249-13
Collection Date: 11/9/2021 09:39 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 06:16 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 06:16 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Acetone	ND		10	µg/L	1	11/18/2021 06:16 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
cis-1,2-Dichloroethene	**1.2**		**1.0**	**µg/L**	1	11/18/2021 06:16 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 06:16 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 06:16 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 06:16 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 06:16 AM
Surr: 1,2-Dichloroethane-d4	*97.6*		*75-120*	*%REC*	1	11/18/2021 06:16 AM
Surr: 4-Bromofluorobenzene	*94.4*		*80-110*	*%REC*	1	11/18/2021 06:16 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-67 (30)-110921 **Lab ID:** 21111249-13
Collection Date: 11/9/2021 09:39 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*98.4*		*85-115*	*%REC*	1	11/18/2021 06:16 AM
Surr: Toluene-d8	*101*		*85-110*	*%REC*	1	11/18/2021 06:16 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-34 (85)-110921 **Lab ID:** 21111249-14
Collection Date: 11/9/2021 10:57 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 06:33 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 06:33 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Acetone	ND		10	µg/L	1	11/18/2021 06:33 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 06:33 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 06:33 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Trichloroethene	**16**		**1.0**	**µg/L**	1	11/18/2021 06:33 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 06:33 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 06:33 AM
Surr: 1,2-Dichloroethane-d4	*100*		*75-120*	*%REC*	1	11/18/2021 06:33 AM
Surr: 4-Bromofluorobenzene	*90.8*		*80-110*	*%REC*	1	11/18/2021 06:33 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-34 (85)-110921 **Lab ID:** 21111249-14
Collection Date: 11/9/2021 10:57 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/18/2021 06:33 AM
Surr: Toluene-d8	*104*		*85-110*	*%REC*	1	11/18/2021 06:33 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-34 (37)-110921 **Lab ID:** 21111249-15
Collection Date: 11/9/2021 11:38 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 06:50 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 06:50 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Acetone	ND		10	µg/L	1	11/18/2021 06:50 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 06:50 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 06:50 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 06:50 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 06:50 AM
Surr: 1,2-Dichloroethane-d4	*99.8*		*75-120*	*%REC*	1	11/18/2021 06:50 AM
Surr: 4-Bromofluorobenzene	*87.9*		*80-110*	*%REC*	1	11/18/2021 06:50 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-34 (37)-110921 **Lab ID:** 21111249-15
Collection Date: 11/9/2021 11:38 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/18/2021 06:50 AM
Surr: Toluene-d8	*106*		*85-110*	*%REC*	1	11/18/2021 06:50 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-34 (37)-110921R **Lab ID:** 21111249-16
Collection Date: 11/9/2021 11:38 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 07:07 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 07:07 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Acetone	ND		10	µg/L	1	11/18/2021 07:07 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 07:07 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 07:07 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 07:07 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 07:07 AM
Surr: 1,2-Dichloroethane-d4	*98.8*		*75-120*	*%REC*	1	11/18/2021 07:07 AM
Surr: 4-Bromofluorobenzene	*87.6*		*80-110*	*%REC*	1	11/18/2021 07:07 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-34 (37)-110921R **Lab ID:** 21111249-16
Collection Date: 11/9/2021 11:38 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*98.4*		*85-115*	*%REC*	1	11/18/2021 07:07 AM
Surr: Toluene-d8	*102*		*85-110*	*%REC*	1	11/18/2021 07:07 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-EB001-110921 **Lab ID:** 21111249-17
Collection Date: 11/9/2021 11:56 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 07:24 AM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 07:24 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Acetone	ND		10	µg/L	1	11/18/2021 07:24 AM
Benzene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Bromoform	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Chloroform	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 07:24 AM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 07:24 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Styrene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Toluene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 07:24 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 07:24 AM
Surr: 1,2-Dichloroethane-d4	*96.4*		*75-120*	*%REC*	1	11/18/2021 07:24 AM
Surr: 4-Bromofluorobenzene	*84.8*		*80-110*	*%REC*	1	11/18/2021 07:24 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-EB001-110921 **Lab ID:** 21111249-17
Collection Date: 11/9/2021 11:56 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	11/18/2021 07:24 AM
Surr: Toluene-d8	*101*		*85-110*	*%REC*	1	11/18/2021 07:24 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-39 (29.3)-110921 **Lab ID:** 21111249-18
Collection Date: 11/9/2021 01:35 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 05:23 PM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 05:23 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Acetone	ND		10	µg/L	1	11/18/2021 05:23 PM
Benzene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Bromoform	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Chloroform	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 05:23 PM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 05:23 PM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Styrene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Toluene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 05:23 PM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 05:23 PM
Surr: 1,2-Dichloroethane-d4	*93.9*		*75-120*	*%REC*	1	11/18/2021 05:23 PM
Surr: 4-Bromofluorobenzene	*97.6*		*80-110*	*%REC*	1	11/18/2021 05:23 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-39 (29.3)-110921 **Lab ID:** 21111249-18
Collection Date: 11/9/2021 01:35 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*96.4*		*85-115*	*%REC*	1	11/18/2021 05:23 PM
Surr: Toluene-d8	*96.8*		*85-110*	*%REC*	1	11/18/2021 05:23 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-39 (13)-110921 **Lab ID:** 21111249-19
Collection Date: 11/9/2021 02:20 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 05:41 PM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 05:41 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Acetone	ND		10	µg/L	1	11/18/2021 05:41 PM
Benzene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Bromoform	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Chloroform	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 05:41 PM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 05:41 PM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Styrene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Toluene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 05:41 PM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 05:41 PM
Surr: 1,2-Dichloroethane-d4	*95.8*		*75-120*	*%REC*	1	11/18/2021 05:41 PM
Surr: 4-Bromofluorobenzene	*99.4*		*80-110*	*%REC*	1	11/18/2021 05:41 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-39 (13)-110921 **Lab ID:** 21111249-19
Collection Date: 11/9/2021 02:20 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*98.4*		*85-115*	*%REC*	1	11/18/2021 05:41 PM
Surr: Toluene-d8	*98.6*		*85-110*	*%REC*	1	11/18/2021 05:41 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-37 (98)-110921 **Lab ID:** 21111249-20
Collection Date: 11/9/2021 12:57 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 05:59 PM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 05:59 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Acetone	ND		10	µg/L	1	11/18/2021 05:59 PM
Benzene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Bromoform	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Chloroform	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 05:59 PM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 05:59 PM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Styrene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Toluene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 05:59 PM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 05:59 PM
Surr: 1,2-Dichloroethane-d4	*94.8*		*75-120*	*%REC*	1	11/18/2021 05:59 PM
Surr: 4-Bromofluorobenzene	*97.2*		*80-110*	*%REC*	1	11/18/2021 05:59 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-37 (98)-110921 **Lab ID:** 21111249-20
Collection Date: 11/9/2021 12:57 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	11/18/2021 05:59 PM
Surr: Toluene-d8	*96.0*		*85-110*	*%REC*	1	11/18/2021 05:59 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-37 (70)-110921 **Lab ID:** 21111249-21
Collection Date: 11/9/2021 01:51 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 06:17 PM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 06:17 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Acetone	ND		10	µg/L	1	11/18/2021 06:17 PM
Benzene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Bromoform	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Chloroform	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 06:17 PM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 06:17 PM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Styrene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Toluene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 06:17 PM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 06:17 PM
Surr: 1,2-Dichloroethane-d4	*93.6*		*75-120*	*%REC*	1	11/18/2021 06:17 PM
Surr: 4-Bromofluorobenzene	*99.0*		*80-110*	*%REC*	1	11/18/2021 06:17 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-37 (70)-110921 **Lab ID:** 21111249-21
Collection Date: 11/9/2021 01:51 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*97.2*		*85-115*	*%REC*	1	11/18/2021 06:17 PM
Surr: Toluene-d8	*97.4*		*85-110*	*%REC*	1	11/18/2021 06:17 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-37 (23.3)-110921 **Lab ID:** 21111249-22
Collection Date: 11/9/2021 03:11 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 10:31 PM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 10:31 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Acetone	ND		10	µg/L	1	11/18/2021 10:31 PM
Benzene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Bromoform	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Chloroform	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 10:31 PM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 10:31 PM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Styrene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Toluene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 10:31 PM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 10:31 PM
Surr: 1,2-Dichloroethane-d4	*91.8*		*75-120*	*%REC*	1	11/18/2021 10:31 PM
Surr: 4-Bromofluorobenzene	*98.6*		*80-110*	*%REC*	1	11/18/2021 10:31 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-37 (23.3)-110921 **Lab ID:** 21111249-22
Collection Date: 11/9/2021 03:11 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*97.1*		*85-115*	*%REC*	1	11/18/2021 10:31 PM
Surr: Toluene-d8	*97.9*		*85-110*	*%REC*	1	11/18/2021 10:31 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-38 (69.9)-110921 **Lab ID:** 21111249-23
Collection Date: 11/9/2021 03:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 10:49 PM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 10:49 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Acetone	ND		10	µg/L	1	11/18/2021 10:49 PM
Benzene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Bromoform	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Chloroform	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 10:49 PM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 10:49 PM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Styrene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Toluene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 10:49 PM
Vinyl chloride	**3.9**		**1.0**	**µg/L**	1	11/18/2021 10:49 PM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 10:49 PM
Surr: 1,2-Dichloroethane-d4	*93.8*		*75-120*	*%REC*	1	11/18/2021 10:49 PM
Surr: 4-Bromofluorobenzene	*98.3*		*80-110*	*%REC*	1	11/18/2021 10:49 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-38 (69.9)-110921 **Lab ID:** 21111249-23
Collection Date: 11/9/2021 03:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*96.2*		*85-115*	*%REC*	1	11/18/2021 10:49 PM
Surr: Toluene-d8	*98.6*		*85-110*	*%REC*	1	11/18/2021 10:49 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-38 (29.1)-110921 **Lab ID:** 21111249-24
Collection Date: 11/9/2021 04:07 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 11:07 PM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 11:07 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Acetone	ND		10	µg/L	1	11/18/2021 11:07 PM
Benzene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Bromoform	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Chloroform	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Chloromethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 11:07 PM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 11:07 PM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Styrene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Toluene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 11:07 PM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 11:07 PM
Surr: 1,2-Dichloroethane-d4	*93.7*		*75-120*	*%REC*	1	11/18/2021 11:07 PM
Surr: 4-Bromofluorobenzene	*100*		*80-110*	*%REC*	1	11/18/2021 11:07 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-38 (29.1)-110921 **Lab ID:** 21111249-24
Collection Date: 11/9/2021 04:07 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*95.5*		*85-115*	*%REC*	1	11/18/2021 11:07 PM
Surr: Toluene-d8	*98.4*		*85-110*	*%REC*	1	11/18/2021 11:07 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-38 (20.8)-110921 **Lab ID:** 21111249-25
Collection Date: 11/9/2021 04:47 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 11:25 PM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 11:25 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Acetone	ND		10	µg/L	1	11/18/2021 11:25 PM
Benzene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Bromoform	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Chloroform	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Chloromethane	**1.1**		**1.0**	**µg/L**	1	11/18/2021 11:25 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 11:25 PM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 11:25 PM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Styrene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Toluene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 11:25 PM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 11:25 PM
Surr: 1,2-Dichloroethane-d4	*95.2*		*75-120*	*%REC*	1	11/18/2021 11:25 PM
Surr: 4-Bromofluorobenzene	*97.8*		*80-110*	*%REC*	1	11/18/2021 11:25 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-38 (20.8)-110921 **Lab ID:** 21111249-25
Collection Date: 11/9/2021 04:47 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*96.2*		*85-115*	*%REC*	1	11/18/2021 11:25 PM
Surr: Toluene-d8	*96.8*		*85-110*	*%REC*	1	11/18/2021 11:25 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-30 (41.1)-110921 **Lab ID:** 21111249-26
Collection Date: 11/9/2021 04:22 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **JNS**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
2-Butanone	ND		5.0	µg/L	1	11/20/2021 03:31 AM
2-Hexanone	ND		5.0	µg/L	1	11/20/2021 03:31 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Acetone	ND		10	µg/L	1	11/20/2021 03:31 AM
Benzene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Bromoform	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Bromomethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Carbon disulfide	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Chlorobenzene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Chloroethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Chloroform	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Chloromethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
cis-1,2-Dichloroethene	**160**		**5.0**	**µg/L**	5	11/18/2021 11:44 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Ethylbenzene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
m,p-Xylene	ND		2.0	µg/L	1	11/20/2021 03:31 AM
Methylene chloride	ND		5.0	µg/L	1	11/20/2021 03:31 AM
o-Xylene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Styrene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Toluene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
trans-1,2-Dichloroethene	**2.2**		**1.0**	**µg/L**	1	11/20/2021 03:31 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/20/2021 03:31 AM
Trichloroethene	**17**		**1.0**	**µg/L**	1	11/20/2021 03:31 AM
Vinyl chloride	**20**		**1.0**	**µg/L**	1	11/20/2021 03:31 AM
Xylenes, Total	ND		3.0	µg/L	1	11/20/2021 03:31 AM
Surr: 1,2-Dichloroethane-d4	*105*		*75-120*	*%REC*	1	11/20/2021 03:31 AM
Surr: 1,2-Dichloroethane-d4	*97.6*		*75-120*	*%REC*	5	11/18/2021 11:44 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: ATR-MW-30 (41.1)-110921 **Lab ID:** 21111249-26
Collection Date: 11/9/2021 04:22 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	*98.0*		*80-110*	*%REC*	1	11/20/2021 03:31 AM
Surr: 4-Bromofluorobenzene	*97.7*		*80-110*	*%REC*	5	11/18/2021 11:44 PM
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/20/2021 03:31 AM
Surr: Dibromofluoromethane	*97.0*		*85-115*	*%REC*	5	11/18/2021 11:44 PM
Surr: Toluene-d8	*99.6*		*85-110*	*%REC*	5	11/18/2021 11:44 PM
Surr: Toluene-d8	*97.8*		*85-110*	*%REC*	1	11/20/2021 03:31 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: Trip Blank **Lab ID:** 21111249-27
Collection Date: 11/9/2021 **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
2-Butanone	ND		5.0	µg/L	1	11/18/2021 10:13 PM
2-Hexanone	ND		5.0	µg/L	1	11/18/2021 10:13 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Acetone	**38**		**10**	**µg/L**	1	11/18/2021 10:13 PM
Benzene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Bromoform	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Bromomethane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Carbon disulfide	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Chlorobenzene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Chloroethane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Chloroform	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Chloromethane	**1.4**		**1.0**	**µg/L**	1	11/18/2021 10:13 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2021 10:13 PM
Methylene chloride	ND		5.0	µg/L	1	11/18/2021 10:13 PM
o-Xylene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Styrene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Toluene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Trichloroethene	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Vinyl chloride	ND		1.0	µg/L	1	11/18/2021 10:13 PM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2021 10:13 PM
Surr: 1,2-Dichloroethane-d4	*93.6*		*75-120*	*%REC*	1	11/18/2021 10:13 PM
Surr: 4-Bromofluorobenzene	*96.8*		*80-110*	*%REC*	1	11/18/2021 10:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040) **Work Order:** 21111249
Sample ID: Trip Blank **Lab ID:** 21111249-27
Collection Date: 11/9/2021 **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*94.4*		*85-115*	*%REC*	1	11/18/2021 10:13 PM
Surr: Toluene-d8	*98.6*		*85-110*	*%REC*	1	11/18/2021 10:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Batch ID: **R332645a** Instrument ID **VMS7** Method: **SW8260C**

MBLK Sample ID: **7V-BLKW2-211117-R332645a** Units: **µg/L** Analysis Date: **11/18/2021 02:19 AM**

Client ID: Run ID: **VMS7_211117B** SeqNo: **7952673** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*20.17*	0	*20*	0	*101*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*17.68*	0	*20*	0	*88.4*	*80-110*	0			
Surr: Dibromofluoromethane	*20.19*	0	*20*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*20.85*	0	*20*	0	*104*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R332645a** Instrument ID **VMS7** Method: **SW8260C**

LCS Sample ID: **7V-LCSW2-211117-R332645a** Units: **µg/L** Analysis Date: **11/18/2021 01:29 AM**

Client ID: Run ID: **VMS7_211117B** SeqNo: **7952671** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.62	1.0	20	0	103	75-130	0			
1,1,2,2-Tetrachloroethane	19.55	1.0	20	0	97.8	75-130	0			
1,1,2-Trichloroethane	20.02	1.0	20	0	100	75-125	0			
1,1-Dichloroethane	20.39	1.0	20	0	102	68-142	0			
1,1-Dichloroethene	20.47	1.0	20	0	102	70-145	0			
1,2-Dichloroethane	20.34	1.0	20	0	102	78-125	0			
1,2-Dichloropropane	20.5	1.0	20	0	102	75-125	0			
2-Butanone	21.2	5.0	20	0	106	55-150	0			
2-Hexanone	20.75	5.0	20	0	104	60-135	0			
4-Methyl-2-pentanone	26.99	1.0	20	0	135	77-178	0			
Acetone	20.88	10	20	0	104	60-160	0			
Benzene	20.74	1.0	20	0	104	70-130	0			
Bromodichloromethane	19.64	1.0	20	0	98.2	75-125	0			
Bromoform	17.19	1.0	20	0	86	60-125	0			
Bromomethane	18.6	1.0	20	0	93	30-185	0			
Carbon disulfide	22.72	1.0	20	0	114	60-165	0			
Carbon tetrachloride	19.01	1.0	20	0	95	65-140	0			
Chlorobenzene	20.34	1.0	20	0	102	80-120	0			
Chloroethane	20.32	1.0	20	0	102	31-172	0			
Chloroform	20.56	1.0	20	0	103	66-135	0			
Chloromethane	17.85	1.0	20	0	89.2	46-148	0			
cis-1,2-Dichloroethene	20.23	1.0	20	0	101	75-134	0			
cis-1,3-Dichloropropene	18.47	1.0	20	0	92.4	70-130	0			
Dibromochloromethane	16	1.0	20	0	80	60-115	0			
Ethylbenzene	20.48	1.0	20	0	102	76-123	0			
m,p-Xylene	40.99	2.0	40	0	102	75-130	0			
Methylene chloride	20.47	5.0	20	0	102	72-125	0			
o-Xylene	20.27	1.0	20	0	101	76-127	0			
Styrene	19.77	1.0	20	0	98.8	79-117	0			
Tetrachloroethene	22.32	1.0	20	0	112	68-166	0			
Toluene	21.15	1.0	20	0	106	76-125	0			
trans-1,2-Dichloroethene	20.53	1.0	20	0	103	80-140	0			
trans-1,3-Dichloropropene	18.08	1.0	20	0	90.4	56-132	0			
Trichloroethene	21.33	1.0	20	0	107	77-125	0			
Vinyl chloride	19.45	1.0	20	0	97.2	50-136	0			
Xylenes, Total	61.26	3.0	60	0	102	76-127	0			
Surr: 1,2-Dichloroethane-d4	*19.9*	0	*20*	0	*99.5*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.89*	0	*20*	0	*99.4*	*80-110*	0			
Surr: Dibromofluoromethane	*20.02*	0	*20*	0	*100*	*85-115*	0			
Surr: Toluene-d8	*20.29*	0	*20*	0	*101*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21111249
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R332645a** Instrument ID **VMS7** Method: **SW8260C**

MS Sample ID: **21111249-05A MS** Units: **µg/L** Analysis Date: **11/18/2021 08:31 AM**
Client ID: **ATR-MW-51 (70)-110921** Run ID: **VMS7_211117B** SeqNo: **7952695** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.39	1.0	20	0	92	75-130	0			
1,1,2,2-Tetrachloroethane	17.59	1.0	20	0	88	75-130	0			
1,1,2-Trichloroethane	19.62	1.0	20	0	98.1	75-125	0			
1,1-Dichloroethane	18.05	1.0	20	0	90.2	68-142	0			
1,1-Dichloroethene	17.98	1.0	20	0	89.9	70-145	0			
1,2-Dichloroethane	17.97	1.0	20	0	89.8	78-125	0			
1,2-Dichloropropane	17.73	1.0	20	0	88.6	75-125	0			
2-Butanone	16.44	5.0	20	0	82.2	55-150	0			
2-Hexanone	17.34	5.0	20	0	86.7	60-135	0			
4-Methyl-2-pentanone	24.3	1.0	20	0	122	77-178	0			
Acetone	19.16	10	20	1.99	85.8	60-160	0			
Benzene	18.39	1.0	20	0	92	70-130	0			
Bromodichloromethane	16.9	1.0	20	0	84.5	75-125	0			
Bromoform	15.81	1.0	20	0	79	60-125	0			
Bromomethane	104.1	1.0	20	0	521	30-185	0			SE
Carbon disulfide	17.84	1.0	20	0.11	88.6	60-165	0			
Carbon tetrachloride	16.26	1.0	20	0	81.3	65-140	0			
Chlorobenzene	19.42	1.0	20	0	97.1	80-120	0			
Chloroethane	14.19	1.0	20	0	71	31-172	0			
Chloroform	17.98	1.0	20	0	89.9	66-135	0			
Chloromethane	10.87	1.0	20	0	54.4	46-148	0			
cis-1,2-Dichloroethene	17.33	1.0	20	0.28	85.2	75-134	0			
cis-1,3-Dichloropropene	15.54	1.0	20	0	77.7	70-130	0			
Dibromochloromethane	14.95	1.0	20	0	74.8	60-115	0			
Ethylbenzene	18.65	1.0	20	0	93.2	76-123	0			
m,p-Xylene	36.58	2.0	40	0	91.4	75-130	0			
Methylene chloride	17.4	5.0	20	0	87	72-125	0			
o-Xylene	18.25	1.0	20	0	91.2	76-127	0			
Styrene	17.8	1.0	20	0	89	79-117	0			
Tetrachloroethene	21.02	1.0	20	0	105	68-166	0			
Toluene	19.72	1.0	20	0	98.6	76-125	0			
trans-1,2-Dichloroethene	17.67	1.0	20	0	88.4	80-140	0			
trans-1,3-Dichloropropene	15.07	1.0	20	0	75.4	56-132	0			
Trichloroethene	19.71	1.0	20	0	98.6	77-125	0			
Vinyl chloride	15.78	1.0	20	1.68	70.5	50-136	0			
Xylenes, Total	54.83	3.0	60	0	91.4	76-127	0			
Surr: 1,2-Dichloroethane-d4	*18.92*	0	*20*	0	*94.6*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*18.95*	0	*20*	0	*94.8*	*80-110*	0			
Surr: Dibromofluoromethane	*19.41*	0	*20*	0	*97*	*85-115*	0			
Surr: Toluene-d8	*20.4*	0	*20*	0	*102*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21111249
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R332645a** Instrument ID **VMS7** Method: **SW8260C**

MSD Sample ID: **21111249-05A MSD** Units: **µg/L** Analysis Date: **11/18/2021 08:48 AM**
Client ID: **ATR-MW-51 (70)-110921** Run ID: **VMS7_211117B** SeqNo: **7952696** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.49	1.0	20	0	92.4	75-130	18.39	0.542	30	
1,1,2,2-Tetrachloroethane	17.38	1.0	20	0	86.9	75-130	17.59	1.2	30	
1,1,2-Trichloroethane	19.27	1.0	20	0	96.4	75-125	19.62	1.8	30	
1,1-Dichloroethane	17.23	1.0	20	0	86.2	68-142	18.05	4.65	30	
1,1-Dichloroethene	17.37	1.0	20	0	86.8	70-145	17.98	3.45	30	
1,2-Dichloroethane	17.83	1.0	20	0	89.2	78-125	17.97	0.782	30	
1,2-Dichloropropane	18	1.0	20	0	90	75-125	17.73	1.51	30	
2-Butanone	16	5.0	20	0	80	55-150	16.44	2.71	30	
2-Hexanone	17.41	5.0	20	0	87	60-135	17.34	0.403	30	
4-Methyl-2-pentanone	23.66	1.0	20	0	118	77-178	24.3	2.67	30	
Acetone	19.9	10	20	1.99	89.6	60-160	19.16	3.79	30	
Benzene	18.8	1.0	20	0	94	70-130	18.39	2.2	30	
Bromodichloromethane	16.9	1.0	20	0	84.5	75-125	16.9	0	30	
Bromoform	16.15	1.0	20	0	80.8	60-125	15.81	2.13	30	
Bromomethane	99.5	1.0	20	0	498	30-185	104.1	4.54	30	S
Carbon disulfide	18.08	1.0	20	0.11	89.8	60-165	17.84	1.34	30	
Carbon tetrachloride	16.9	1.0	20	0	84.5	65-140	16.26	3.86	30	
Chlorobenzene	19.12	1.0	20	0	95.6	80-120	19.42	1.56	30	
Chloroethane	13.34	1.0	20	0	66.7	31-172	14.19	6.18	30	
Chloroform	18.06	1.0	20	0	90.3	66-135	17.98	0.444	30	
Chloromethane	10.69	1.0	20	0	53.4	46-148	10.87	1.67	30	
cis-1,2-Dichloroethene	17.05	1.0	20	0.28	83.8	75-134	17.33	1.63	30	
cis-1,3-Dichloropropene	15.96	1.0	20	0	79.8	70-130	15.54	2.67	30	
Dibromochloromethane	15.04	1.0	20	0	75.2	60-115	14.95	0.6	30	
Ethylbenzene	18.72	1.0	20	0	93.6	76-123	18.65	0.375	30	
m,p-Xylene	36.9	2.0	40	0	92.2	75-130	36.58	0.871	30	
Methylene chloride	17.05	5.0	20	0	85.2	72-125	17.4	2.03	30	
o-Xylene	18.24	1.0	20	0	91.2	76-127	18.25	0.0548	30	
Styrene	17.53	1.0	20	0	87.6	79-117	17.8	1.53	30	
Tetrachloroethene	21.13	1.0	20	0	106	68-166	21.02	0.522	30	
Toluene	19.26	1.0	20	0	96.3	76-125	19.72	2.36	30	
trans-1,2-Dichloroethene	17.28	1.0	20	0	86.4	80-140	17.67	2.23	30	
trans-1,3-Dichloropropene	15.31	1.0	20	0	76.6	56-132	15.07	1.58	30	
Trichloroethene	20.26	1.0	20	0	101	77-125	19.71	2.75	30	
Vinyl chloride	16.18	1.0	20	1.68	72.5	50-136	15.78	2.5	30	
Xylenes, Total	55.14	3.0	60	0	91.9	76-127	54.83	0.564	30	
Surr: 1,2-Dichloroethane-d4	*17.97*	0	*20*	0	*89.8*	*75-120*	18.92	*5.15*	*30*	
Surr: 4-Bromofluorobenzene	*17.94*	0	*20*	0	*89.7*	*80-110*	18.95	*5.48*	*30*	
Surr: Dibromofluoromethane	*19.5*	0	*20*	0	*97.5*	*85-115*	19.41	*0.463*	*30*	
Surr: Toluene-d8	*19.2*	0	*20*	0	*96*	*85-110*	20.4	*6.06*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21111249
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R332645a** Instrument ID **VMS7** Method: **SW8260C**

The following samples were analyzed in this batch:

21111249-01A	21111249-02A	21111249-03A
21111249-04A	21111249-05A	21111249-06A
21111249-07A	21111249-08A	21111249-09A
21111249-10A	21111249-11A	21111249-12A
21111249-13A	21111249-14A	21111249-15A
21111249-16A	21111249-17A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R332653a** Instrument ID **VMS8** Method: **SW8260C**

MBLK Sample ID: **8V-BLKW1-211118-R332653a** Units: **µg/L** Analysis Date: **11/18/2021 11:40 AM**

Client ID: Run ID: **VMS8_211118A** SeqNo: **7956540** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*18.7*	0	*20*	0	*93.5*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.75*	0	*20*	0	*98.8*	*80-110*	0			
Surr: Dibromofluoromethane	*19.59*	0	*20*	0	*98*	*85-115*	0			
Surr: Toluene-d8	*19.58*	0	*20*	0	*97.9*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21111249
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R332653a** Instrument ID **VMS8** Method: **SW8260C**

LCS	Sample ID: **8V-LCSW1-211118-R332653a**				Units: **µg/L**			Analysis Date: **11/18/2021 10:45 AM**		
Client ID:	Run ID: **VMS8_211118A**				SeqNo: **7956538**		Prep Date:		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.74	1.0	20	0	83.7	75-130	0			
1,1,2,2-Tetrachloroethane	19.06	1.0	20	0	95.3	75-130	0			
1,1,2-Trichloroethane	17.82	1.0	20	0	89.1	75-125	0			
1,1-Dichloroethane	18.25	1.0	20	0	91.2	68-142	0			
1,1-Dichloroethene	16.99	1.0	20	0	85	70-145	0			
1,2-Dichloroethane	17.22	1.0	20	0	86.1	78-125	0			
1,2-Dichloropropane	18.77	1.0	20	0	93.8	75-125	0			
2-Butanone	20.52	5.0	20	0	103	55-150	0			
2-Hexanone	20.53	5.0	20	0	103	60-135	0			
4-Methyl-2-pentanone	28.18	1.0	20	0	141	77-178	0			
Acetone	15.75	10	20	0	78.8	60-160	0			
Benzene	18.5	1.0	20	0	92.5	70-130	0			
Bromodichloromethane	17.71	1.0	20	0	88.6	75-125	0			
Bromoform	14.92	1.0	20	0	74.6	60-125	0			
Bromomethane	14.38	1.0	20	0	71.9	30-185	0			
Carbon disulfide	18.3	1.0	20	0	91.5	60-165	0			
Carbon tetrachloride	16.31	1.0	20	0	81.6	65-140	0			
Chlorobenzene	18.38	1.0	20	0	91.9	80-120	0			
Chloroethane	15.07	1.0	20	0	75.4	31-172	0			
Chloroform	17.84	1.0	20	0	89.2	66-135	0			
Chloromethane	9.41	1.0	20	0	47	46-148	0			
cis-1,2-Dichloroethene	19	1.0	20	0	95	75-134	0			
cis-1,3-Dichloropropene	17.04	1.0	20	0	85.2	70-130	0			
Dibromochloromethane	15.76	1.0	20	0	78.8	60-115	0			
Ethylbenzene	19.15	1.0	20	0	95.8	76-123	0			
m,p-Xylene	37.98	2.0	40	0	95	75-130	0			
Methylene chloride	16.98	5.0	20	0	84.9	72-125	0			
o-Xylene	18.87	1.0	20	0	94.4	76-127	0			
Styrene	21.05	1.0	20	0	105	79-117	0			
Tetrachloroethene	19.2	1.0	20	0	96	68-166	0			
Toluene	17.72	1.0	20	0	88.6	76-125	0			
trans-1,2-Dichloroethene	18.16	1.0	20	0	90.8	80-140	0			
trans-1,3-Dichloropropene	17.52	1.0	20	0	87.6	56-132	0			
Trichloroethene	16.89	1.0	20	0	84.4	77-125	0			
Vinyl chloride	12.49	1.0	20	0	62.4	50-136	0			
Xylenes, Total	56.85	3.0	60	0	94.8	76-127	0			
Surr: 1,2-Dichloroethane-d4	*18.45*	0	*20*	0	*92.2*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.05*	0	*20*	0	*100*	*80-110*	0			
Surr: Dibromofluoromethane	*19.47*	0	*20*	0	*97.4*	*85-115*	0			
Surr: Toluene-d8	*19.83*	0	*20*	0	*99.2*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R332653a** Instrument ID **VMS8** Method: **SW8260C**

MS Sample ID: **21111249-20A MS** Units: **µg/L** Analysis Date: **11/18/2021 06:35 PM**

Client ID: **ATR-MW-37 (98)-110921** Run ID: **VMS8_211118A** SeqNo: **7956562** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.61	1.0	20	0	98	75-130	0			
1,1,2,2-Tetrachloroethane	21.22	1.0	20	0	106	75-130	0			
1,1,2-Trichloroethane	20.49	1.0	20	0	102	75-125	0			
1,1-Dichloroethane	22.63	1.0	20	0	113	68-142	0			
1,1-Dichloroethene	21.09	1.0	20	0	105	70-145	0			
1,2-Dichloroethane	20.01	1.0	20	0	100	78-125	0			
1,2-Dichloropropane	22.2	1.0	20	0	111	75-125	0			
2-Butanone	26.39	5.0	20	0	132	55-150	0			
2-Hexanone	21.62	5.0	20	0	108	60-135	0			
4-Methyl-2-pentanone	31.04	1.0	20	0	155	77-178	0			
Acetone	22.62	10	20	4.04	92.9	60-160	0			
Benzene	21.16	1.0	20	0	106	70-130	0			
Bromodichloromethane	19.86	1.0	20	0	99.3	75-125	0			
Bromoform	16.39	1.0	20	0	82	60-125	0			
Bromomethane	22.02	1.0	20	0	110	30-185	0			
Carbon disulfide	22.6	1.0	20	0	113	60-165	0			
Carbon tetrachloride	18.69	1.0	20	0	93.4	65-140	0			
Chlorobenzene	20.99	1.0	20	0	105	80-120	0			
Chloroethane	26.87	1.0	20	0	134	31-172	0			
Chloroform	21.74	1.0	20	0	109	66-135	0			
Chloromethane	10.89	1.0	20	0.72	50.8	46-148	0			
cis-1,2-Dichloroethene	22.9	1.0	20	0	114	75-134	0			
cis-1,3-Dichloropropene	19.5	1.0	20	0	97.5	70-130	0			
Dibromochloromethane	18.24	1.0	20	0	91.2	60-115	0			
Ethylbenzene	22.02	1.0	20	0	110	76-123	0			
m,p-Xylene	44.05	2.0	40	0	110	75-130	0			
Methylene chloride	21.08	5.0	20	0	105	72-125	0			
o-Xylene	21.81	1.0	20	0	109	76-127	0			
Styrene	24.73	1.0	20	0	124	79-117	0			S
Tetrachloroethene	21.31	1.0	20	0	107	68-166	0			
Toluene	20.17	1.0	20	0	101	76-125	0			
trans-1,2-Dichloroethene	21.71	1.0	20	0	109	80-140	0			
trans-1,3-Dichloropropene	19.07	1.0	20	0	95.4	56-132	0			
Trichloroethene	19.98	1.0	20	0	99.9	77-125	0			
Vinyl chloride	15.95	1.0	20	0	79.8	50-136	0			
Xylenes, Total	65.86	3.0	60	0	110	76-127	0			
Surr: 1,2-Dichloroethane-d4	*18.88*	0	*20*	0	*94.4*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.11*	0	*20*	0	*101*	*80-110*	0			
Surr: Dibromofluoromethane	*19.35*	0	*20*	0	*96.8*	*85-115*	0			
Surr: Toluene-d8	*19.57*	0	*20*	0	*97.8*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21111249
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R332653a** Instrument ID **VMS8** Method: **SW8260C**

MSD Sample ID: **21111249-20A MSD** Units: **µg/L** Analysis Date: **11/18/2021 06:55 PM**
Client ID: **ATR-MW-37 (98)-110921** Run ID: **VMS8_211118A** SeqNo: **7956563** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.61	1.0	20	0	98	75-130	19.61	0	30	
1,1,2,2-Tetrachloroethane	20.85	1.0	20	0	104	75-130	21.22	1.76	30	
1,1,2-Trichloroethane	20.69	1.0	20	0	103	75-125	20.49	0.971	30	
1,1-Dichloroethane	22.18	1.0	20	0	111	68-142	22.63	2.01	30	
1,1-Dichloroethene	21.11	1.0	20	0	106	70-145	21.09	0.0948	30	
1,2-Dichloroethane	19.63	1.0	20	0	98.2	78-125	20.01	1.92	30	
1,2-Dichloropropane	21.63	1.0	20	0	108	75-125	22.2	2.6	30	
2-Butanone	25.88	5.0	20	0	129	55-150	26.39	1.95	30	
2-Hexanone	21.35	5.0	20	0	107	60-135	21.62	1.26	30	
4-Methyl-2-pentanone	31.76	1.0	20	0	159	77-178	31.04	2.29	30	
Acetone	22.43	10	20	4.04	92	60-160	22.62	0.844	30	
Benzene	21.33	1.0	20	0	107	70-130	21.16	0.8	30	
Bromodichloromethane	20.38	1.0	20	0	102	75-125	19.86	2.58	30	
Bromoform	16.64	1.0	20	0	83.2	60-125	16.39	1.51	30	
Bromomethane	22.58	1.0	20	0	113	30-185	22.02	2.51	30	
Carbon disulfide	22.39	1.0	20	0	112	60-165	22.6	0.934	30	
Carbon tetrachloride	19.12	1.0	20	0	95.6	65-140	18.69	2.27	30	
Chlorobenzene	21.37	1.0	20	0	107	80-120	20.99	1.79	30	
Chloroethane	26.64	1.0	20	0	133	31-172	26.87	0.86	30	
Chloroform	21.06	1.0	20	0	105	66-135	21.74	3.18	30	
Chloromethane	10.36	1.0	20	0.72	48.2	46-148	10.89	4.99	30	
cis-1,2-Dichloroethene	22.87	1.0	20	0	114	75-134	22.9	0.131	30	
cis-1,3-Dichloropropene	19.46	1.0	20	0	97.3	70-130	19.5	0.205	30	
Dibromochloromethane	18.85	1.0	20	0	94.2	60-115	18.24	3.29	30	
Ethylbenzene	22.19	1.0	20	0	111	76-123	22.02	0.769	30	
m,p-Xylene	44.64	2.0	40	0	112	75-130	44.05	1.33	30	
Methylene chloride	20.57	5.0	20	0	103	72-125	21.08	2.45	30	
o-Xylene	22.24	1.0	20	0	111	76-127	21.81	1.95	30	
Styrene	24.49	1.0	20	0	122	79-117	24.73	0.975	30	S
Tetrachloroethene	21.88	1.0	20	0	109	68-166	21.31	2.64	30	
Toluene	20.37	1.0	20	0	102	76-125	20.17	0.987	30	
trans-1,2-Dichloroethene	21.58	1.0	20	0	108	80-140	21.71	0.601	30	
trans-1,3-Dichloropropene	19.55	1.0	20	0	97.8	56-132	19.07	2.49	30	
Trichloroethene	19.74	1.0	20	0	98.7	77-125	19.98	1.21	30	
Vinyl chloride	15.68	1.0	20	0	78.4	50-136	15.95	1.71	30	
Xylenes, Total	66.88	3.0	60	0	111	76-127	65.86	1.54	30	
Surr: 1,2-Dichloroethane-d4	*18.95*	0	*20*	0	*94.8*	*75-120*	18.88	*0.37*	*30*	
Surr: 4-Bromofluorobenzene	*20.19*	0	*20*	0	*101*	*80-110*	20.11	*0.397*	*30*	
Surr: Dibromofluoromethane	*19.55*	0	*20*	0	*97.8*	*85-115*	19.35	*1.03*	*30*	
Surr: Toluene-d8	*19.69*	0	*20*	0	*98.4*	*85-110*	19.57	*0.611*	*30*	

The following samples were analyzed in this batch: 21111249-18A 21111249-19A 21111249-20A 21111249-21A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R332758a** Instrument ID **VMS8** Method: **SW8260C**

MBLK Sample ID: **8V-BLKW2-211118-R332758a** Units: **µg/L** Analysis Date: **11/18/2021 09:36 PM**
Client ID: Run ID: **VMS8_211118B** SeqNo: **7957222** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	0.9	1.0								J
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*19.26*	0	*20*	0	*96.3*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.12*	0	*20*	0	*95.6*	*80-110*	0			
Surr: Dibromofluoromethane	*19.37*	0	*20*	0	*96.8*	*85-115*	0			
Surr: Toluene-d8	*19.42*	0	*20*	0	*97.1*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21111249
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R332758a** Instrument ID **VMS8** Method: **SW8260C**

LCS	Sample ID: **8V-LCSW2-211118-R332758a**				Units: **µg/L**			Analysis Date: **11/18/2021 08:42 PM**			
Client ID:		Run ID: **VMS8_211118B**			SeqNo: **7957220**		Prep Date:		DF: **1**		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.56	1.0	20	0	92.8	75-130	0			
1,1,2,2-Tetrachloroethane	22.45	1.0	20	0	112	75-130	0			
1,1,2-Trichloroethane	20.98	1.0	20	0	105	75-125	0			
1,1-Dichloroethane	21.21	1.0	20	0	106	68-142	0			
1,1-Dichloroethene	18.8	1.0	20	0	94	70-145	0			
1,2-Dichloroethane	19.64	1.0	20	0	98.2	78-125	0			
1,2-Dichloropropane	21.46	1.0	20	0	107	75-125	0			
2-Butanone	25.55	5.0	20	0	128	55-150	0			
2-Hexanone	22.74	5.0	20	0	114	60-135	0			
4-Methyl-2-pentanone	35.89	1.0	20	0	179	77-178	0			S
Acetone	19.42	10	20	0	97.1	60-160	0			
Benzene	21.22	1.0	20	0	106	70-130	0			
Bromodichloromethane	20.33	1.0	20	0	102	75-125	0			
Bromoform	16.45	1.0	20	0	82.2	60-125	0			
Bromomethane	16.88	1.0	20	0	84.4	30-185	0			
Carbon disulfide	20.41	1.0	20	0	102	60-165	0			
Carbon tetrachloride	16.85	1.0	20	0	84.2	65-140	0			
Chlorobenzene	21.06	1.0	20	0	105	80-120	0			
Chloroethane	13.31	1.0	20	0	66.6	31-172	0			
Chloroform	20.78	1.0	20	0	104	66-135	0			
Chloromethane	11.76	1.0	20	0	58.8	46-148	0			
cis-1,2-Dichloroethene	21.93	1.0	20	0	110	75-134	0			
cis-1,3-Dichloropropene	19.64	1.0	20	0	98.2	70-130	0			
Dibromochloromethane	18.15	1.0	20	0	90.8	60-115	0			
Ethylbenzene	21.45	1.0	20	0	107	76-123	0			
m,p-Xylene	43.21	2.0	40	0	108	75-130	0			
Methylene chloride	20.43	5.0	20	0	102	72-125	0			
o-Xylene	21.75	1.0	20	0	109	76-127	0			
Styrene	23.92	1.0	20	0	120	79-117	0			S
Tetrachloroethene	20.34	1.0	20	0	102	68-166	0			
Toluene	19.82	1.0	20	0	99.1	76-125	0			
trans-1,2-Dichloroethene	20.61	1.0	20	0	103	80-140	0			
trans-1,3-Dichloropropene	19.56	1.0	20	0	97.8	56-132	0			
Trichloroethene	18.85	1.0	20	0	94.2	77-125	0			
Vinyl chloride	14.18	1.0	20	0	70.9	50-136	0			
Xylenes, Total	64.96	3.0	60	0	108	76-127	0			
Surr: 1,2-Dichloroethane-d4	*18.11*	0	*20*	0	*90.6*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.89*	0	*20*	0	*99.4*	*80-110*	0			
Surr: Dibromofluoromethane	*19.08*	0	*20*	0	*95.4*	*85-115*	0			
Surr: Toluene-d8	*19.64*	0	*20*	0	*98.2*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21111249
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R332758a** Instrument ID **VMS8** Method: **SW8260C**

MS Sample ID: **21111249-26A MS** Units: **µg/L** Analysis Date: **11/19/2021 04:53 AM**

Client ID: **ATR-MW-30 (41.1)-110921** Run ID: **VMS8_211118B** SeqNo: **7957246** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	89.95	5.0	100	0	90	75-130	0			
1,1,2,2-Tetrachloroethane	96.7	5.0	100	0	96.7	75-130	0			
1,1,2-Trichloroethane	93.85	5.0	100	0	93.8	75-125	0			
1,1-Dichloroethane	101.8	5.0	100	0	102	68-142	0			
1,1-Dichloroethene	98.1	5.0	100	0	98.1	70-145	0			
1,2-Dichloroethane	92.55	5.0	100	0	92.6	78-125	0			
1,2-Dichloropropane	102.9	5.0	100	0	103	75-125	0			
2-Butanone	123	25	100	0	123	55-150	0			
2-Hexanone	98	25	100	0	98	60-135	0			
4-Methyl-2-pentanone	143.3	5.0	100	0	143	77-178	0			
Acetone	99.8	50	100	0	99.8	60-160	0			
Benzene	99.8	5.0	100	0	99.8	70-130	0			
Bromodichloromethane	90.25	5.0	100	0	90.2	75-125	0			
Bromoform	75.6	5.0	100	0	75.6	60-125	0			
Bromomethane	119.2	5.0	100	0	119	30-185	0			
Carbon disulfide	102.6	5.0	100	0	103	60-165	0			
Carbon tetrachloride	86.05	5.0	100	0	86	65-140	0			
Chlorobenzene	97.65	5.0	100	0	97.6	80-120	0			
Chloroethane	122.8	5.0	100	0	123	31-172	0			
Chloroform	98	5.0	100	0	98	66-135	0			
Chloromethane	45.35	5.0	100	4.35	41	46-148	0			S
cis-1,2-Dichloroethene	259.2	5.0	100	159.4	99.8	75-134	0			
cis-1,3-Dichloropropene	88.15	5.0	100	0	88.2	70-130	0			
Dibromochloromethane	82.7	5.0	100	0	82.7	60-115	0			
Ethylbenzene	101.6	5.0	100	0	102	76-123	0			
m,p-Xylene	203.6	10	200	0	102	75-130	0			
Methylene chloride	95.55	25	100	0	95.6	72-125	0			
o-Xylene	102.5	5.0	100	0	102	76-127	0			
Styrene	113.2	5.0	100	0	113	79-117	0			
Tetrachloroethene	100.4	5.0	100	0	100	68-166	0			
Toluene	93.3	5.0	100	0	93.3	76-125	0			
trans-1,2-Dichloroethene	102.2	5.0	100	0	102	80-140	0			
trans-1,3-Dichloropropene	86.9	5.0	100	0	86.9	56-132	0			
Trichloroethene	106.4	5.0	100	15.35	91	77-125	0			
Vinyl chloride	91.3	5.0	100	18.45	72.8	50-136	0			
Xylenes, Total	306.1	15	300	0	102	76-127	0			
Surr: 1,2-Dichloroethane-d4	*91.35*	0	*100*	0	*91.4*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*99.05*	0	*100*	0	*99*	*80-110*	0			
Surr: Dibromofluoromethane	*96.95*	0	*100*	0	*97*	*85-115*	0			
Surr: Toluene-d8	*99.15*	0	*100*	0	*99.2*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21111249
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R332758a** Instrument ID **VMS8** Method: **SW8260C**

MSD Sample ID: **21111249-26A MSD** Units: **µg/L** Analysis Date: **11/19/2021 05:11 AM**

Client ID: **ATR-MW-30 (41.1)-110921** Run ID: **VMS8_211118B** SeqNo: **7957247** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	88.9	5.0	100	0	88.9	75-130	89.95	1.17	30	
1,1,2,2-Tetrachloroethane	97.7	5.0	100	0	97.7	75-130	96.7	1.03	30	
1,1,2-Trichloroethane	95.5	5.0	100	0	95.5	75-125	93.85	1.74	30	
1,1-Dichloroethane	100.4	5.0	100	0	100	68-142	101.8	1.34	30	
1,1-Dichloroethene	93.75	5.0	100	0	93.8	70-145	98.1	4.53	30	
1,2-Dichloroethane	92.05	5.0	100	0	92	78-125	92.55	0.542	30	
1,2-Dichloropropane	102.1	5.0	100	0	102	75-125	102.9	0.78	30	
2-Butanone	126.5	25	100	0	126	55-150	123	2.81	30	
2-Hexanone	99.55	25	100	0	99.6	60-135	98	1.57	30	
4-Methyl-2-pentanone	140.8	5.0	100	0	141	77-178	143.3	1.72	30	
Acetone	97.5	50	100	0	97.5	60-160	99.8	2.33	30	
Benzene	99.2	5.0	100	0	99.2	70-130	99.8	0.603	30	
Bromodichloromethane	92.8	5.0	100	0	92.8	75-125	90.25	2.79	30	
Bromoform	76.55	5.0	100	0	76.6	60-125	75.6	1.25	30	
Bromomethane	110	5.0	100	0	110	30-185	119.2	7.94	30	
Carbon disulfide	98.1	5.0	100	0	98.1	60-165	102.6	4.53	30	
Carbon tetrachloride	84.2	5.0	100	0	84.2	65-140	86.05	2.17	30	
Chlorobenzene	96.6	5.0	100	0	96.6	80-120	97.65	1.08	30	
Chloroethane	119.8	5.0	100	0	120	31-172	122.8	2.47	30	
Chloroform	96.3	5.0	100	0	96.3	66-135	98	1.75	30	
Chloromethane	43.65	5.0	100	4.35	39.3	46-148	45.35	3.82	30	S
cis-1,2-Dichloroethene	252.1	5.0	100	159.4	92.7	75-134	259.2	2.76	30	
cis-1,3-Dichloropropene	88.95	5.0	100	0	89	70-130	88.15	0.903	30	
Dibromochloromethane	82.9	5.0	100	0	82.9	60-115	82.7	0.242	30	
Ethylbenzene	101	5.0	100	0	101	76-123	101.6	0.592	30	
m,p-Xylene	201.6	10	200	0	101	75-130	203.6	0.987	30	
Methylene chloride	95.9	25	100	0	95.9	72-125	95.55	0.366	30	
o-Xylene	100.4	5.0	100	0	100	76-127	102.5	2.12	30	
Styrene	110.6	5.0	100	0	111	79-117	113.2	2.37	30	
Tetrachloroethene	98.45	5.0	100	0	98.4	68-166	100.4	2.01	30	
Toluene	92.15	5.0	100	0	92.2	76-125	93.3	1.24	30	
trans-1,2-Dichloroethene	99.45	5.0	100	0	99.4	80-140	102.2	2.78	30	
trans-1,3-Dichloropropene	87.6	5.0	100	0	87.6	56-132	86.9	0.802	30	
Trichloroethene	107.2	5.0	100	15.35	91.8	77-125	106.4	0.749	30	
Vinyl chloride	85.55	5.0	100	18.45	67.1	50-136	91.3	6.5	30	
Xylenes, Total	302	15	300	0	101	76-127	306.1	1.37	30	
Surr: 1,2-Dichloroethane-d4	*92.95*	0	*100*	0	*93*	*75-120*	91.35	*1.74*	*30*	
Surr: 4-Bromofluorobenzene	*99.6*	0	*100*	0	*99.6*	*80-110*	99.05	*0.554*	*30*	
Surr: Dibromofluoromethane	*96.65*	0	*100*	0	*96.6*	*85-115*	96.95	*0.31*	*30*	
Surr: Toluene-d8	*97.35*	0	*100*	0	*97.4*	*85-110*	99.15	*1.83*	*30*	

The following samples were analyzed in this batch:

21111249-22A	21111249-23A	21111249-24A
21111249-25A	21111249-26A	21111249-27A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R332897A** Instrument ID **VMS10** Method: **SW8260C**

MBLK Sample ID: **10V-BLKW2-211119-R332897A** Units: **µg/L** Analysis Date: **11/19/2021 09:42 PM**
Client ID: Run ID: **VMS10_211119A** SeqNo: **7964574** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*20.22*	0	*20*	0	*101*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.7*	0	*20*	0	*98.5*	*80-110*	0			
Surr: Dibromofluoromethane	*19.99*	0	*20*	0	*100*	*85-115*	0			
Surr: Toluene-d8	*19.8*	0	*20*	0	*99*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R332897A** Instrument ID **VMS10** Method: **SW8260C**

LCS Sample ID: **10V-LCSW2-211119-R332897A** Units: **µg/L** Analysis Date: **11/19/2021 08:53 PM**

Client ID: Run ID: **VMS10_211119A** SeqNo: **7964572** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.23	1.0	20	0	91.2	75-130	0			
1,1,2,2-Tetrachloroethane	20.79	1.0	20	0	104	75-130	0			
1,1,2-Trichloroethane	19.49	1.0	20	0	97.4	75-125	0			
1,1-Dichloroethane	18.99	1.0	20	0	95	68-142	0			
1,1-Dichloroethene	17.13	1.0	20	0	85.6	70-145	0			
1,2-Dichloroethane	19.09	1.0	20	0	95.4	78-125	0			
1,2-Dichloropropane	19.76	1.0	20	0	98.8	75-125	0			
2-Butanone	21.67	5.0	20	0	108	55-150	0			
2-Hexanone	21.5	5.0	20	0	108	60-135	0			
4-Methyl-2-pentanone	32.84	1.0	20	0	164	77-178	0			
Acetone	21.4	10	20	0	107	60-160	0			
Benzene	19.13	1.0	20	0	95.6	70-130	0			
Bromodichloromethane	18.53	1.0	20	0	92.6	75-125	0			
Bromoform	19.1	1.0	20	0	95.5	60-125	0			
Bromomethane	21.59	1.0	20	0	108	30-185	0			
Carbon disulfide	20.77	1.0	20	0	104	60-165	0			
Carbon tetrachloride	18.88	1.0	20	0	94.4	65-140	0			
Chlorobenzene	18.94	1.0	20	0	94.7	80-120	0			
Chloroethane	18.36	1.0	20	0	91.8	31-172	0			
Chloroform	19.13	1.0	20	0	95.6	66-135	0			
Chloromethane	12.01	1.0	20	0	60	46-148	0			
cis-1,3-Dichloropropene	18.42	1.0	20	0	92.1	70-130	0			
Dibromochloromethane	19.7	1.0	20	0	98.5	60-115	0			
Ethylbenzene	18.79	1.0	20	0	94	76-123	0			
m,p-Xylene	38.03	2.0	40	0	95.1	75-130	0			
Methylene chloride	18.5	5.0	20	0	92.5	72-125	0			
o-Xylene	19.11	1.0	20	0	95.6	76-127	0			
Styrene	18.7	1.0	20	0	93.5	79-117	0			
Tetrachloroethene	18.36	1.0	20	0	91.8	68-166	0			
Toluene	18.55	1.0	20	0	92.8	76-125	0			
trans-1,2-Dichloroethene	18.33	1.0	20	0	91.6	80-140	0			
trans-1,3-Dichloropropene	16.99	1.0	20	0	85	56-132	0			
Trichloroethene	18.72	1.0	20	0	93.6	77-125	0			
Vinyl chloride	16.4	1.0	20	0	82	50-136	0			
Xylenes, Total	57.14	3.0	60	0	95.2	76-127	0			
Surr: 1,2-Dichloroethane-d4	*19.55*	0	*20*	0	*97.8*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.4*	0	*20*	0	*102*	*80-110*	0			
Surr: Dibromofluoromethane	*20.48*	0	*20*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*19.81*	0	*20*	0	*99*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21111249
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R332897A** Instrument ID **VMS10** Method: **SW8260C**

DUP Sample ID: **21111119-03A DUP** Units: **µg/L** Analysis Date: **11/20/2021 04:21 AM**
Client ID: Run ID: **VMS10_211119A** SeqNo: **7964598** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0	0	0	0		0	0	30	
1,1,2,2-Tetrachloroethane	ND	1.0	0	0	0		0	0	30	
1,1,2-Trichloroethane	ND	1.0	0	0	0		0	0	30	
1,1-Dichloroethane	ND	1.0	0	0	0		0	0	30	
1,1-Dichloroethene	ND	1.0	0	0	0		0	0	30	
1,2-Dichloroethane	ND	1.0	0	0	0		0	0	30	
1,2-Dichloropropane	ND	1.0	0	0	0		0	0	30	
2-Butanone	ND	5.0	0	0	0		0	0	30	
2-Hexanone	ND	5.0	0	0	0		0	0	30	
4-Methyl-2-pentanone	ND	1.0	0	0	0		0	0	30	
Acetone	ND	10	0	0	0		2.78	0	30	
Benzene	ND	1.0	0	0	0		0	0	30	
Bromodichloromethane	ND	1.0	0	0	0		0	0	30	
Bromoform	ND	1.0	0	0	0		0	0	30	
Bromomethane	ND	1.0	0	0	0		0	0	30	
Carbon disulfide	ND	1.0	0	0	0		0	0	30	
Carbon tetrachloride	ND	1.0	0	0	0		0	0	30	
Chlorobenzene	ND	1.0	0	0	0		0	0	30	
Chloroethane	ND	1.0	0	0	0		0	0	30	
Chloroform	ND	1.0	0	0	0		0	0	30	
Chloromethane	ND	1.0	0	0	0		0	0	30	
cis-1,3-Dichloropropene	ND	1.0	0	0	0		0	0	30	
Dibromochloromethane	ND	1.0	0	0	0		0	0	30	
Ethylbenzene	ND	1.0	0	0	0		0	0	30	
m,p-Xylene	ND	2.0	0	0	0		0.55	0	30	
Methylene chloride	ND	5.0	0	0	0		0	0	30	
o-Xylene	ND	1.0	0	0	0		0	0	30	
Styrene	ND	1.0	0	0	0		0	0	30	
Tetrachloroethene	ND	1.0	0	0	0		0	0	30	
Toluene	ND	1.0	0	0	0		0.69	0	30	
trans-1,2-Dichloroethene	ND	1.0	0	0	0		0	0	30	
trans-1,3-Dichloropropene	ND	1.0	0	0	0		0	0	30	
Trichloroethene	ND	1.0	0	0	0		1.27	0	30	
Vinyl chloride	ND	1.0	0	0	0		0	0	30	
Xylenes, Total	ND	3.0	0	0	0		0	0	30	
Surr: 1,2-Dichloroethane-d4	*20.89*	0	*20*	0	*104*	*75-120*	20.41	*2.32*	*30*	
Surr: 4-Bromofluorobenzene	*19.59*	0	*20*	0	*98*	*80-110*	19.6	*0.051*	*30*	
Surr: Dibromofluoromethane	*20.27*	0	*20*	0	*101*	*85-115*	20.15	*0.594*	*30*	
Surr: Toluene-d8	*19.65*	0	*20*	0	*98.2*	*85-110*	19.69	*0.203*	*30*	

The following samples were analyzed in this batch: 21111249-26A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Chain of Custody Form

ALS

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Page 1 of 3

COC ID: 189334

ALS Project Manager: JD | ALS Work Order #: 2111249

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name		A	VOC 8260
Work Order		Project Number		B	
Company Name	Wood Environment & Infrastructure Soluti...	Bill To Company	Wood Environment & Infrastructure Sol...	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	ATR-MW-31(55)-110821-1309	11/8/21	1309	GW	1	3	X										
2	ATR-MW-31(30)-110821-1432	11/8/21	1432	GW	1	3	X										
3	ATR-MW-31(98.5)-110821-1532	11/8/21	1532	GW	1	3	X										
4	ATR-EB-001-110821-1544	11/8/21	1544	Lab	1	3	X										
5	ATR-MW-51(70)-110921	11/9/21	0815	GW	1	3	X										
6	ATR-MW-51(70)-110921-MS/MSD	11/9/21	0815	GW	1	6	X										
7	ATR-MW51(25)-110921	11/9/21	0900	GW	1	3	X										
8	ATR-MW50(80)-110921	11/9/21	0958	GW	1	3	X										
9	ATR-MW50(45)-110921	11/9/21	1037	GW	1	3	X										
10	ATR-MW32(89)-110921	11/9/21	1152	GW	1	3	X										

JD

Sampler(s) Please Print & Sign: Gerald L. Dornbusch [signature]

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☐ 5 WK Days ☐ Other ____ ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
[signature]	11/9/21	1808	C. McAtee
C. McAtee	11-10-21	0449 (cm 11-10-21)	Received by (Laboratory): FedEx [signature] 11/11/21 0900
Logged by (Laboratory): [signature]	11/12/21	1405	Checked by (Laboratory):

Notes:

Cooler ID	Cooler Temp.
IR3	2.3°C

QC Package: (Check One Box Below)
☐ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other
☐ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Chain of Custody Form

COC ID: 186516

ALS Project Manager: | ALS Work Order #: 21111249

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name		A	VOC
Work Order		Project Number		B	
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	ATR-MW32(24.1)-110921	11/9/21	1210	GW	1	3	X										
2	ATR-MW71-110921	11/9/21	0905	GW	1	3	X										
3	ATR-MW71-110921R	11/9/21	0905	GW	1	3	X										
4	ATR-MW67-110921	11/9/21	0989	GW	1	3	X										
5	ATR-MW34(85)-110921	11/9/21	1057	GW	1	3	X										
6	ATR-MW34(37)-110921	11/9/21	1138	GW	1	3	X										
7	ATR-MW34(37)-110921R	11/9/21	1138	GW	1	3	X										
8	ATR-EB001-110921	11/9/21	1156	GW	1	3	X										
9	ATR-MW39(29.3)-110921	11/9/21	1335	GW	1	3	X										
10	ATR-MW39(13)-110921	11/9/21	1420	GW	1	3	X										

Sampler(s) Please Print & Sign: Everett L or Russell E Dornbusch

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by: | Date: 11/9/21 | Time: 1805 | Received by: C. McAfee

Relinquished by: C. McAfee | Date: 11-10-21 | Time: 0444 CM 11/10/21 | Received by (Laboratory): Fedex | 11/11/21 0900

Logged by (Laboratory): | Date: 11/12/21 | Time: 1405 | Checked by (Laboratory):

Notes:

Cooler ID	Cooler Temp.
IR3	2.3°C

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Middletown, PA +1 717 944 5541
Spring City, PA +1 610 948 4903
Salt Lake City, UT +1 801 266 7700
South Charleston, WV +1 304 356 3168
York, PA +1 717 505 5280

Chain of Custody Form

COC ID: 189333

ALS Project Manager: | ALS Work Order #: 21111249

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name		A	VOC
Work Order		Project Number		B	
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	ATR-MW37(98)-110921	11/9/21	1257	GW	1	3	X										
2	ATR-MW37(98)-110921-MS/MSD	11/9/21	1257	GW	1	6	X										
3	ATR-MW37(70)-110921	11/9/21	1351	GW	1	3	X										
4	ATR-MW37(23)-110921	11/9/21	1511	GW	1	3	X										
5	ATR-MW38(69.9)-110921	11/9/21	1510	GW	1	3	X										
6	ATR-MW38(29.9)-110921	11/9/21	1607	GW	1	3	X										
7	ATR-MW38(20.8)-110921	11/9/21	1647	GW	1	3	X										
8	ATR-MW30(41.1)-110921	11/9/21	1622	GW	1	3	X										
9	Trip Blank	11/9/21		Lab	1	3	X										
10																	

Sampler(s) Please Print & Sign: Gerald L. McAfee, Russell E. Dornbusch

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/9/21 Time: 1808 Received by: C. McAfee

Relinquished by: C. McAfee Date: 11-10-21 Time: 0444 (11-10-21) Received by (Laboratory): Fedex 11/11/21 0900

Logged by (Laboratory): Date: 11/12/21 Time: 1405 Checked by (Laboratory):

Notes:

Cooler ID	Cooler Temp.
IR3	2.3°C

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ALS Group, USA

Sample Receipt Checklist

Client Name: **WOOD-DAYTON** Date/Time Received: **11-Nov-21 09:00**

Work Order: **21111249** Received by: **LYS**

Checklist completed by Lydia Sweet (eSignature) 12-Nov-21 (Date) Reviewed by: Jodi Blouw (eSignature) 15-Nov-21 (Date)

Matrices: Water

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.3/3.3c	IR3	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	11/12/2021 2:37:51 PM		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

01-Dec-2021

Paul Stork
Wood Environment & Infrastructure Solutions, Inc.
521 Byers Road, Suite 204
Miamisburg, OH 45342

Re: **TFS Rochester 3031210011** Work Order: **21112058**

Dear Paul,

ALS Environmental received 23 samples on 19-Nov-2021 01:30 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 67.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Jodi Blouw

Electronically approved by: Jodi Blouw

Jodi Blouw

Report of Laboratory Analysis

ALS Group, USA

Date: 01-Dec-21

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011
Work Order: **21112058**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21112058-01	Trip Blank	Water		11/17/2021	11/19/2021 13:30	☐
21112058-02	ATR-FB001-111721	Water		11/17/2021 11:00	11/19/2021 13:30	☐
21112058-03	ATR-OW6(38)-111721	Water		11/17/2021 13:35	11/19/2021 13:30	☐
21112058-04	ATR-OW6(38)-111721R	Water		11/17/2021 13:35	11/19/2021 13:30	☐
21112058-05	ATR-OW6(63)-111721	Water		11/17/2021 14:10	11/19/2021 13:30	☐
21112058-06	ATR-MW-17-111721	Water		11/17/2021 15:15	11/19/2021 13:30	☐
21112058-07	ATR-MW48(159)-111721	Water		11/17/2021 16:45	11/19/2021 13:30	☐
21112058-08	ATR-MW35(90)-111721	Water		11/17/2021 14:20	11/19/2021 13:30	☐
21112058-09	ATR-MW35(45)-111721	Water		11/17/2021 15:20	11/19/2021 13:30	☐
21112058-10	ATR-EB001-111721	Water		11/17/2021 16:55	11/19/2021 13:30	☐
21112058-11	ATR-MW36(35.2)-111721	Water		11/17/2021 16:40	11/19/2021 13:30	☐
21112058-12	ATR-MW84(44)-111821	Water		11/18/2021 09:10	11/19/2021 13:30	☐
21112058-13	ATR-MW29(82.5)-111821	Water		11/18/2021 10:18	11/19/2021 13:30	☐
21112058-14	ATR-MW29(103.3)-111821	Water		11/18/2021 11:08	11/19/2021 13:30	☐
21112058-15	ATR-MW25(82)-111821	Water		11/18/2021 12:28	11/19/2021 13:30	☐
21112058-16	ATR-EB001-111821	Water		11/18/2021 12:40	11/19/2021 13:30	☐
21112058-17	ATR-MW19(53)-111821	Water		11/18/2021 14:55	11/19/2021 13:30	☐
21112058-18	ATR-MW20(51)-111821	Water		11/18/2021 16:00	11/19/2021 13:30	☐
21112058-19	ATR-MW3-111821	Water		11/18/2021 15:30	11/19/2021 13:30	☐
21112058-20	ATR-MW60(38)-111821	Water		11/18/2021 14:00	11/19/2021 13:30	☐
21112058-21	ATR-MW52(55)-111821	Water		11/18/2021 12:30	11/19/2021 13:30	☐
21112058-22	ATR-MW59(46)-111821	Water		11/18/2021 10:25	11/19/2021 13:30	☐
21112058-23	ATR-MW36(92.4)-111821	Water		11/18/2021 09:05	11/19/2021 13:30	☐

ALS Group, USA

Date: 01-Dec-21

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011
WorkOrder: **21112058**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
µg/L	Micrograms per Liter

Client:	Wood Environment & Infrastructure Solutions, Inc.
Project:	TFS Rochester 3031210011
Work Order:	21112058

Case Narrative

Samples for the above noted Work Order were received on 11/19/2021. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics:
Batch R333230, Method SW8260C, Sample Trip Blank (21112058-01A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-FB001-111721 (21112058-02A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-OW6(38)-111721 (21112058-03A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-OW6(38)-111721R (21112058-04A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-OW6(63)-111721 (21112058-05A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument

sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW-17-111721 (21112058-06A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW48(159)-111721 (21112058-07A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW35(90)-111721 (21112058-08A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW35(45)-111721 (21112058-09A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-EB001-111721 (21112058-10A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW36(35.2)-111721 (21112058-11A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW84(44)-111821 (21112058-12A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW29(82.5)-111821 (21112058-13A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW29(103.3)-111821 (21112058-14A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW25(82)-111821 (21112058-15A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-EB001-111821 (21112058-16A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW19(53)-111821 (21112058-17A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW20(51)-111821 (21112058-18A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW3-111821 (21112058-19A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333230, Method SW8260C, Sample ATR-MW60(38)-111821 (21112058-20A): The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Bromomethane

Batch R333346a, Method SW8260C, Sample 12V-LCSW2-211129: The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: 1,1,1,2-Tetrachlorethane

No other deviations or anomalies were noted.

ALS Group, USA

Date: *01-Dec-2021*

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: Trip Blank **Lab ID:** 21112058-01
Collection Date: 11/17/2021 **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 03:35 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 03:35 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Acetone	**46**		**10**	**µg/L**	1	11/26/2021 03:35 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Chloromethane	**2.1**		**1.0**	**µg/L**	1	11/26/2021 03:35 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 03:35 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 03:35 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 03:35 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 03:35 PM
Surr: 1,2-Dichloroethane-d4	*101*		*75-120*	*%REC*	1	11/26/2021 03:35 PM
Surr: 4-Bromofluorobenzene	*100*		*80-110*	*%REC*	1	11/26/2021 03:35 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: Trip Blank **Lab ID:** 21112058-01
Collection Date: 11/17/2021 **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.1*		*85-115*	*%REC*	1	11/26/2021 03:35 PM
Surr: Toluene-d8	*96.8*		*85-110*	*%REC*	1	11/26/2021 03:35 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-FB001-111721 **Lab ID:** 21112058-02
Collection Date: 11/17/2021 11:00 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 03:57 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 03:57 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Acetone	ND		10	µg/L	1	11/26/2021 03:57 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 03:57 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 03:57 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 03:57 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 03:57 PM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	1	11/26/2021 03:57 PM
Surr: 4-Bromofluorobenzene	*96.6*		*80-110*	*%REC*	1	11/26/2021 03:57 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-FB001-111721 **Lab ID:** 21112058-02
Collection Date: 11/17/2021 11:00 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/26/2021 03:57 PM
Surr: Toluene-d8	*97.2*		*85-110*	*%REC*	1	11/26/2021 03:57 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-OW6(38)-111721 **Lab ID:** 21112058-03
Collection Date: 11/17/2021 01:35 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 04:19 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 04:19 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Acetone	ND		10	µg/L	1	11/26/2021 04:19 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 04:19 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 04:19 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 04:19 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 04:19 PM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	1	11/26/2021 04:19 PM
Surr: 4-Bromofluorobenzene	*95.6*		*80-110*	*%REC*	1	11/26/2021 04:19 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-OW6(38)-111721 **Lab ID:** 21112058-03
Collection Date: 11/17/2021 01:35 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	1	11/26/2021 04:19 PM
Surr: Toluene-d8	*98.6*		*85-110*	*%REC*	1	11/26/2021 04:19 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-OW6(38)-111721R **Lab ID:** 21112058-04
Collection Date: 11/17/2021 01:35 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 04:41 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 04:41 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Acetone	ND		10	µg/L	1	11/26/2021 04:41 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 04:41 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 04:41 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 04:41 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 04:41 PM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	1	11/26/2021 04:41 PM
Surr: 4-Bromofluorobenzene	*96.8*		*80-110*	*%REC*	1	11/26/2021 04:41 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-OW6(38)-111721R **Lab ID:** 21112058-04
Collection Date: 11/17/2021 01:35 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.8*		*85-115*	*%REC*	1	11/26/2021 04:41 PM
Surr: Toluene-d8	*98.5*		*85-110*	*%REC*	1	11/26/2021 04:41 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-OW6(63)-111721 **Lab ID:** 21112058-05
Collection Date: 11/17/2021 02:10 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 05:03 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 05:03 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Acetone	ND		10	µg/L	1	11/26/2021 05:03 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 05:03 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 05:03 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 05:03 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 05:03 PM
Surr: 1,2-Dichloroethane-d4	*103*		*75-120*	*%REC*	1	11/26/2021 05:03 PM
Surr: 4-Bromofluorobenzene	*97.3*		*80-110*	*%REC*	1	11/26/2021 05:03 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-OW6(63)-111721 **Lab ID:** 21112058-05
Collection Date: 11/17/2021 02:10 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/26/2021 05:03 PM
Surr: Toluene-d8	*97.2*		*85-110*	*%REC*	1	11/26/2021 05:03 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW-17-111721 **Lab ID:** 21112058-06
Collection Date: 11/17/2021 03:15 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 05:25 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 05:25 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Acetone	ND		10	µg/L	1	11/26/2021 05:25 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
cis-1,2-Dichloroethene	**11**		**1.0**	**µg/L**	1	11/26/2021 05:25 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 05:25 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 05:25 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 05:25 PM
Trichloroethene	**15**		**1.0**	**µg/L**	1	11/26/2021 05:25 PM
Vinyl chloride	**2.0**		**1.0**	**µg/L**	1	11/26/2021 05:25 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 05:25 PM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	1	11/26/2021 05:25 PM
Surr: 4-Bromofluorobenzene	*99.6*		*80-110*	*%REC*	1	11/26/2021 05:25 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW-17-111721 **Lab ID:** 21112058-06
Collection Date: 11/17/2021 03:15 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*98.9*		*85-115*	*%REC*	1	11/26/2021 05:25 PM
Surr: Toluene-d8	*99.2*		*85-110*	*%REC*	1	11/26/2021 05:25 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW48(159)-111721 **Lab ID:** 21112058-07
Collection Date: 11/17/2021 04:45 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 05:47 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 05:47 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Acetone	ND		10	µg/L	1	11/26/2021 05:47 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 05:47 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 05:47 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 05:47 PM
Vinyl chloride	**5.1**		**1.0**	**µg/L**	1	11/26/2021 05:47 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 05:47 PM
Surr: 1,2-Dichloroethane-d4	*101*		*75-120*	*%REC*	1	11/26/2021 05:47 PM
Surr: 4-Bromofluorobenzene	*97.1*		*80-110*	*%REC*	1	11/26/2021 05:47 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW48(159)-111721 **Lab ID:** 21112058-07
Collection Date: 11/17/2021 04:45 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	1	11/26/2021 05:47 PM
Surr: Toluene-d8	*98.7*		*85-110*	*%REC*	1	11/26/2021 05:47 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW35(90)-111721 **Lab ID:** 21112058-08
Collection Date: 11/17/2021 02:20 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 06:09 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 06:09 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Acetone	ND		10	µg/L	1	11/26/2021 06:09 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 06:09 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 06:09 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 06:09 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 06:09 PM
Surr: 1,2-Dichloroethane-d4	*107*		*75-120*	*%REC*	1	11/26/2021 06:09 PM
Surr: 4-Bromofluorobenzene	*98.3*		*80-110*	*%REC*	1	11/26/2021 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW35(90)-111721 **Lab ID:** 21112058-08
Collection Date: 11/17/2021 02:20 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*105*		*85-115*	*%REC*	1	11/26/2021 06:09 PM
Surr: Toluene-d8	*98.6*		*85-110*	*%REC*	1	11/26/2021 06:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW35(45)-111721 **Lab ID:** 21112058-09
Collection Date: 11/17/2021 03:20 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 06:31 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 06:31 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Acetone	ND		10	µg/L	1	11/26/2021 06:31 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 06:31 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 06:31 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 06:31 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 06:31 PM
Surr: 1,2-Dichloroethane-d4	*101*		*75-120*	*%REC*	1	11/26/2021 06:31 PM
Surr: 4-Bromofluorobenzene	*94.8*		*80-110*	*%REC*	1	11/26/2021 06:31 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW35(45)-111721 **Lab ID:** 21112058-09
Collection Date: 11/17/2021 03:20 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/26/2021 06:31 PM
Surr: Toluene-d8	*98.0*		*85-110*	*%REC*	1	11/26/2021 06:31 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-EB001-111721 **Lab ID:** 21112058-10
Collection Date: 11/17/2021 04:55 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 06:54 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 06:54 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Acetone	ND		10	µg/L	1	11/26/2021 06:54 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 06:54 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 06:54 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 06:54 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 06:54 PM
Surr: 1,2-Dichloroethane-d4	*103*		*75-120*	*%REC*	1	11/26/2021 06:54 PM
Surr: 4-Bromofluorobenzene	*97.2*		*80-110*	*%REC*	1	11/26/2021 06:54 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-EB001-111721 **Lab ID:** 21112058-10
Collection Date: 11/17/2021 04:55 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/26/2021 06:54 PM
Surr: Toluene-d8	*97.1*		*85-110*	*%REC*	1	11/26/2021 06:54 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW36(35.2)-111721 **Lab ID:** 21112058-11
Collection Date: 11/17/2021 04:40 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 07:16 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 07:16 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Acetone	ND		10	µg/L	1	11/26/2021 07:16 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 07:16 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 07:16 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 07:16 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 07:16 PM
Surr: 1,2-Dichloroethane-d4	*105*		*75-120*	*%REC*	1	11/26/2021 07:16 PM
Surr: 4-Bromofluorobenzene	*95.6*		*80-110*	*%REC*	1	11/26/2021 07:16 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW36(35.2)-111721 **Lab ID:** 21112058-11
Collection Date: 11/17/2021 04:40 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	1	11/26/2021 07:16 PM
Surr: Toluene-d8	*97.0*		*85-110*	*%REC*	1	11/26/2021 07:16 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW84(44)-111821 **Lab ID:** 21112058-12
Collection Date: 11/18/2021 09:10 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 07:38 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 07:38 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Acetone	ND		10	µg/L	1	11/26/2021 07:38 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 07:38 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 07:38 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Trichloroethene	**2.1**		**1.0**	**µg/L**	1	11/26/2021 07:38 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 07:38 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 07:38 PM
Surr: 1,2-Dichloroethane-d4	*105*		*75-120*	*%REC*	1	11/26/2021 07:38 PM
Surr: 4-Bromofluorobenzene	*96.5*		*80-110*	*%REC*	1	11/26/2021 07:38 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW84(44)-111821 **Lab ID:** 21112058-12
Collection Date: 11/18/2021 09:10 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	1	11/26/2021 07:38 PM
Surr: Toluene-d8	*96.8*		*85-110*	*%REC*	1	11/26/2021 07:38 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW29(82.5)-111821 **Lab ID:** 21112058-13
Collection Date: 11/18/2021 10:18 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 08:00 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 08:00 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Acetone	ND		10	µg/L	1	11/26/2021 08:00 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 08:00 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 08:00 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 08:00 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 08:00 PM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	1	11/26/2021 08:00 PM
Surr: 4-Bromofluorobenzene	*95.4*		*80-110*	*%REC*	1	11/26/2021 08:00 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW29(82.5)-111821 **Lab ID:** 21112058-13
Collection Date: 11/18/2021 10:18 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*85-115*	*%REC*	1	11/26/2021 08:00 PM
Surr: Toluene-d8	*96.4*		*85-110*	*%REC*	1	11/26/2021 08:00 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW29(103.3)-111821 **Lab ID:** 21112058-14
Collection Date: 11/18/2021 11:08 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 08:22 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 08:22 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Acetone	ND		10	µg/L	1	11/26/2021 08:22 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 08:22 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 08:22 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 08:22 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 08:22 PM
Surr: 1,2-Dichloroethane-d4	*106*		*75-120*	*%REC*	1	11/26/2021 08:22 PM
Surr: 4-Bromofluorobenzene	*97.2*		*80-110*	*%REC*	1	11/26/2021 08:22 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW29(103.3)-111821 **Lab ID:** 21112058-14
Collection Date: 11/18/2021 11:08 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/26/2021 08:22 PM
Surr: Toluene-d8	*99.4*		*85-110*	*%REC*	1	11/26/2021 08:22 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW25(82)-111821 **Lab ID:** 21112058-15
Collection Date: 11/18/2021 12:28 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 08:44 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 08:44 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Acetone	ND		10	µg/L	1	11/26/2021 08:44 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
cis-1,2-Dichloroethene	**1.3**		**1.0**	**µg/L**	1	11/26/2021 08:44 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 08:44 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 08:44 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 08:44 PM
Vinyl chloride	**3.0**		**1.0**	**µg/L**	1	11/26/2021 08:44 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 08:44 PM
Surr: 1,2-Dichloroethane-d4	*105*		*75-120*	*%REC*	1	11/26/2021 08:44 PM
Surr: 4-Bromofluorobenzene	*95.9*		*80-110*	*%REC*	1	11/26/2021 08:44 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW25(82)-111821 **Lab ID:** 21112058-15
Collection Date: 11/18/2021 12:28 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/26/2021 08:44 PM
Surr: Toluene-d8	*97.0*		*85-110*	*%REC*	1	11/26/2021 08:44 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-EB001-111821 **Lab ID:** 21112058-16
Collection Date: 11/18/2021 12:40 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 09:06 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 09:06 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Acetone	ND		10	µg/L	1	11/26/2021 09:06 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 09:06 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 09:06 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 09:06 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 09:06 PM
Surr: 1,2-Dichloroethane-d4	*101*		*75-120*	*%REC*	1	11/26/2021 09:06 PM
Surr: 4-Bromofluorobenzene	*98.7*		*80-110*	*%REC*	1	11/26/2021 09:06 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-EB001-111821 **Lab ID:** 21112058-16
Collection Date: 11/18/2021 12:40 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/26/2021 09:06 PM
Surr: Toluene-d8	*97.4*		*85-110*	*%REC*	1	11/26/2021 09:06 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW19(53)-111821 **Lab ID:** 21112058-17
Collection Date: 11/18/2021 02:55 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 09:28 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 09:28 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Acetone	ND		10	µg/L	1	11/26/2021 09:28 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
cis-1,2-Dichloroethene	**19**		**1.0**	**µg/L**	1	11/26/2021 09:28 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 09:28 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 09:28 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 09:28 PM
Vinyl chloride	**16**		**1.0**	**µg/L**	1	11/26/2021 09:28 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 09:28 PM
Surr: 1,2-Dichloroethane-d4	*104*		*75-120*	*%REC*	1	11/26/2021 09:28 PM
Surr: 4-Bromofluorobenzene	*97.9*		*80-110*	*%REC*	1	11/26/2021 09:28 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW19(53)-111821 **Lab ID:** 21112058-17
Collection Date: 11/18/2021 02:55 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	1	11/26/2021 09:28 PM
Surr: Toluene-d8	*97.7*		*85-110*	*%REC*	1	11/26/2021 09:28 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW20(51)-111821 **Lab ID:** 21112058-18
Collection Date: 11/18/2021 04:00 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 09:50 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 09:50 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Acetone	ND		10	µg/L	1	11/26/2021 09:50 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 09:50 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 09:50 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 09:50 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 09:50 PM
Surr: 1,2-Dichloroethane-d4	*105*		*75-120*	*%REC*	1	11/26/2021 09:50 PM
Surr: 4-Bromofluorobenzene	*94.8*		*80-110*	*%REC*	1	11/26/2021 09:50 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW20(51)-111821 **Lab ID:** 21112058-18
Collection Date: 11/18/2021 04:00 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*85-115*	*%REC*	1	11/26/2021 09:50 PM
Surr: Toluene-d8	*97.6*		*85-110*	*%REC*	1	11/26/2021 09:50 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW3-111821 **Lab ID:** 21112058-19
Collection Date: 11/18/2021 03:30 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
2-Butanone	ND		5.0	µg/L	1	11/26/2021 10:12 PM
2-Hexanone	ND		5.0	µg/L	1	11/26/2021 10:12 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Acetone	ND		10	µg/L	1	11/26/2021 10:12 PM
Benzene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Bromodichloromethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Bromoform	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Bromomethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Carbon disulfide	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Carbon tetrachloride	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Chlorobenzene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Chloroethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Chloroform	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Chloromethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Dibromochloromethane	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Ethylbenzene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
m,p-Xylene	ND		2.0	µg/L	1	11/26/2021 10:12 PM
Methylene chloride	ND		5.0	µg/L	1	11/26/2021 10:12 PM
o-Xylene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Styrene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Tetrachloroethene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Toluene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Trichloroethene	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Vinyl chloride	ND		1.0	µg/L	1	11/26/2021 10:12 PM
Xylenes, Total	ND		3.0	µg/L	1	11/26/2021 10:12 PM
Surr: 1,2-Dichloroethane-d4	*106*		*75-120*	*%REC*	1	11/26/2021 10:12 PM
Surr: 4-Bromofluorobenzene	*97.6*		*80-110*	*%REC*	1	11/26/2021 10:12 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW3-111821 **Lab ID:** 21112058-19
Collection Date: 11/18/2021 03:30 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	11/26/2021 10:12 PM
Surr: Toluene-d8	*96.9*		*85-110*	*%REC*	1	11/26/2021 10:12 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW60(38)-111821 **Lab ID:** 21112058-20
Collection Date: 11/18/2021 02:00 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
1,1,2,2-Tetrachloroethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
1,1,2-Trichloroethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
1,1-Dichloroethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
1,1-Dichloroethene	**2.5**		**2.0**	**µg/L**	2	11/26/2021 10:34 PM
1,2-Dichloroethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
1,2-Dichloropropane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
2-Butanone	ND		10	µg/L	2	11/26/2021 10:34 PM
2-Hexanone	ND		10	µg/L	2	11/26/2021 10:34 PM
4-Methyl-2-pentanone	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Acetone	ND		20	µg/L	2	11/26/2021 10:34 PM
Benzene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Bromodichloromethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Bromoform	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Bromomethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Carbon disulfide	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Carbon tetrachloride	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Chlorobenzene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Chloroethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Chloroform	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Chloromethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
cis-1,2-Dichloroethene	**440**		**10**	**µg/L**	10	11/27/2021 04:35 AM
cis-1,3-Dichloropropene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Dibromochloromethane	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Ethylbenzene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
m,p-Xylene	ND		4.0	µg/L	2	11/26/2021 10:34 PM
Methylene chloride	ND		10	µg/L	2	11/26/2021 10:34 PM
o-Xylene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Styrene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Tetrachloroethene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Toluene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
trans-1,2-Dichloroethene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
trans-1,3-Dichloropropene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Trichloroethene	ND		2.0	µg/L	2	11/26/2021 10:34 PM
Vinyl chloride	**280**		**10**	**µg/L**	10	11/27/2021 04:35 AM
Xylenes, Total	ND		6.0	µg/L	2	11/26/2021 10:34 PM
Surr: 1,2-Dichloroethane-d4	*104*		*75-120*	*%REC*	2	11/26/2021 10:34 PM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	10	11/27/2021 04:35 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW60(38)-111821 **Lab ID:** 21112058-20
Collection Date: 11/18/2021 02:00 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	*95.9*		*80-110*	*%REC*	2	11/26/2021 10:34 PM
Surr: 4-Bromofluorobenzene	*100*		*80-110*	*%REC*	10	11/27/2021 04:35 AM
Surr: Dibromofluoromethane	*106*		*85-115*	*%REC*	2	11/26/2021 10:34 PM
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	10	11/27/2021 04:35 AM
Surr: Toluene-d8	*98.0*		*85-110*	*%REC*	10	11/27/2021 04:35 AM
Surr: Toluene-d8	*97.5*		*85-110*	*%REC*	2	11/26/2021 10:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW52(55)-111821 **Lab ID:** 21112058-21
Collection Date: 11/18/2021 12:30 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
2-Butanone	ND		5.0	µg/L	1	11/30/2021 02:58 AM
2-Hexanone	ND		5.0	µg/L	1	11/30/2021 02:58 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Acetone	ND		10	µg/L	1	11/30/2021 02:58 AM
Benzene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Bromoform	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Bromomethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Carbon disulfide	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Chlorobenzene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Chloroethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Chloroform	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Chloromethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Ethylbenzene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
m,p-Xylene	ND		2.0	µg/L	1	11/30/2021 02:58 AM
Methylene chloride	ND		5.0	µg/L	1	11/30/2021 02:58 AM
o-Xylene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Styrene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Toluene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Trichloroethene	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Vinyl chloride	ND		1.0	µg/L	1	11/30/2021 02:58 AM
Xylenes, Total	ND		3.0	µg/L	1	11/30/2021 02:58 AM
Surr: 1,2-Dichloroethane-d4	*103*		*75-120*	*%REC*	1	11/30/2021 02:58 AM
Surr: 4-Bromofluorobenzene	*94.4*		*80-110*	*%REC*	1	11/30/2021 02:58 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW52(55)-111821 **Lab ID:** 21112058-21
Collection Date: 11/18/2021 12:30 PM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*97.0*		*85-115*	*%REC*	1	11/30/2021 02:58 AM
Surr: Toluene-d8	*96.6*		*85-110*	*%REC*	1	11/30/2021 02:58 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW59(46)-111821 **Lab ID:** 21112058-22
Collection Date: 11/18/2021 10:25 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		50	µg/L	50	11/30/2021 05:46 AM
1,1,2,2-Tetrachloroethane	ND		50	µg/L	50	11/30/2021 05:46 AM
1,1,2-Trichloroethane	ND		50	µg/L	50	11/30/2021 05:46 AM
1,1-Dichloroethane	ND		50	µg/L	50	11/30/2021 05:46 AM
1,1-Dichloroethene	**130**		**50**	**µg/L**	50	11/30/2021 05:46 AM
1,2-Dichloroethane	ND		50	µg/L	50	11/30/2021 05:46 AM
1,2-Dichloropropane	ND		50	µg/L	50	11/30/2021 05:46 AM
2-Butanone	ND		250	µg/L	50	11/30/2021 05:46 AM
2-Hexanone	ND		250	µg/L	50	11/30/2021 05:46 AM
4-Methyl-2-pentanone	ND		50	µg/L	50	11/30/2021 05:46 AM
Acetone	ND		500	µg/L	50	11/30/2021 05:46 AM
Benzene	ND		50	µg/L	50	11/30/2021 05:46 AM
Bromodichloromethane	ND		50	µg/L	50	11/30/2021 05:46 AM
Bromoform	ND		50	µg/L	50	11/30/2021 05:46 AM
Bromomethane	ND		50	µg/L	50	11/30/2021 05:46 AM
Carbon disulfide	ND		50	µg/L	50	11/30/2021 02:17 PM
Carbon tetrachloride	ND		50	µg/L	50	11/30/2021 05:46 AM
Chlorobenzene	ND		50	µg/L	50	11/30/2021 05:46 AM
Chloroethane	ND		50	µg/L	50	11/30/2021 05:46 AM
Chloroform	ND		50	µg/L	50	11/30/2021 05:46 AM
Chloromethane	ND		50	µg/L	50	11/30/2021 05:46 AM
cis-1,2-Dichloroethene	**5,900**		**200**	**µg/L**	200	11/27/2021 03:05 AM
cis-1,3-Dichloropropene	ND		50	µg/L	50	11/30/2021 05:46 AM
Dibromochloromethane	ND		50	µg/L	50	11/30/2021 05:46 AM
Ethylbenzene	ND		50	µg/L	50	11/30/2021 05:46 AM
m,p-Xylene	ND		100	µg/L	50	11/30/2021 05:46 AM
Methylene chloride	ND		250	µg/L	50	11/30/2021 05:46 AM
o-Xylene	ND		50	µg/L	50	11/30/2021 05:46 AM
Styrene	ND		50	µg/L	50	11/30/2021 05:46 AM
Tetrachloroethene	ND		50	µg/L	50	11/30/2021 05:46 AM
Toluene	ND		50	µg/L	50	11/30/2021 05:46 AM
trans-1,2-Dichloroethene	ND		50	µg/L	50	11/30/2021 05:46 AM
trans-1,3-Dichloropropene	ND		50	µg/L	50	11/30/2021 05:46 AM
Trichloroethene	**4,100**		**50**	**µg/L**	50	11/30/2021 05:46 AM
Vinyl chloride	**620**		**50**	**µg/L**	50	11/30/2021 05:46 AM
Xylenes, Total	ND		150	µg/L	50	11/30/2021 05:46 AM
Surr: 1,2-Dichloroethane-d4	*103*		*75-120*	*%REC*	200	11/27/2021 03:05 AM
Surr: 1,2-Dichloroethane-d4	*105*		*75-120*	*%REC*	50	11/30/2021 02:17 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW59(46)-111821 **Lab ID:** 21112058-22
Collection Date: 11/18/2021 10:25 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*95.8*		*75-120*	*%REC*	50	11/30/2021 05:46 AM
Surr: 4-Bromofluorobenzene	*99.3*		*80-110*	*%REC*	50	11/30/2021 02:17 PM
Surr: 4-Bromofluorobenzene	*97.8*		*80-110*	*%REC*	50	11/30/2021 05:46 AM
Surr: 4-Bromofluorobenzene	*100*		*80-110*	*%REC*	200	11/27/2021 03:05 AM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	50	11/30/2021 02:17 PM
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	50	11/30/2021 05:46 AM
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	200	11/27/2021 03:05 AM
Surr: Toluene-d8	*98.2*		*85-110*	*%REC*	200	11/27/2021 03:05 AM
Surr: Toluene-d8	*99.0*		*85-110*	*%REC*	50	11/30/2021 02:17 PM
Surr: Toluene-d8	*98.0*		*85-110*	*%REC*	50	11/30/2021 05:46 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW36(92.4)-111821 **Lab ID:** 21112058-23
Collection Date: 11/18/2021 09:05 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **HJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
2-Butanone	ND		5.0	µg/L	1	11/30/2021 02:34 AM
2-Hexanone	ND		5.0	µg/L	1	11/30/2021 02:34 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Acetone	ND		10	µg/L	1	11/30/2021 02:34 AM
Benzene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Bromodichloromethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Bromoform	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Bromomethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Carbon disulfide	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Carbon tetrachloride	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Chlorobenzene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Chloroethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Chloroform	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Chloromethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Dibromochloromethane	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Ethylbenzene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
m,p-Xylene	ND		2.0	µg/L	1	11/30/2021 02:34 AM
Methylene chloride	ND		5.0	µg/L	1	11/30/2021 02:34 AM
o-Xylene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Styrene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Tetrachloroethene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Toluene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Trichloroethene	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Vinyl chloride	ND		1.0	µg/L	1	11/30/2021 02:34 AM
Xylenes, Total	ND		3.0	µg/L	1	11/30/2021 02:34 AM
Surr: 1,2-Dichloroethane-d4	*99.4*		*75-120*	*%REC*	1	11/30/2021 02:34 AM
Surr: 4-Bromofluorobenzene	*99.8*		*80-110*	*%REC*	1	11/30/2021 02:34 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 3031210011 **Work Order:** 21112058
Sample ID: ATR-MW36(92.4)-111821 **Lab ID:** 21112058-23
Collection Date: 11/18/2021 09:05 AM **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*97.0*		*85-115*	*%REC*	1	11/30/2021 02:34 AM
Surr: Toluene-d8	*101*		*85-110*	*%REC*	1	11/30/2021 02:34 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Batch ID: **R333230** Instrument ID **VMS11** Method: **SW8260C**

MBLK Sample ID: **11V-BLKW1-211126-R333230** Units: **µg/L** Analysis Date: **11/26/2021 02:51 PM**

Client ID: Run ID: **VMS11_211126A** SeqNo: **7980346** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*20.48*	0	*20*	0	*102*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.13*	0	*20*	0	*95.6*	*80-110*	0			
Surr: Dibromofluoromethane	*20.2*	0	*20*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*19.73*	0	*20*	0	*98.6*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R333230** Instrument ID **VMS11** Method: **SW8260C**

LCS Sample ID: **11V-LCSW1-211126-R333230** Units: **µg/L** Analysis Date: **11/26/2021 01:45 PM**
Client ID: Run ID: **VMS11_211126A** SeqNo: **7980344** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	23.76	1.0	20	0	119	75-130	0			
1,1,2,2-Tetrachloroethane	24.54	1.0	20	0	123	75-130	0			
1,1,2-Trichloroethane	20.39	1.0	20	0	102	75-125	0			
1,1-Dichloroethane	19.21	1.0	20	0	96	68-142	0			
1,1-Dichloroethene	18.73	1.0	20	0	93.6	70-145	0			
1,2-Dichloroethane	20.25	1.0	20	0	101	78-125	0			
1,2-Dichloropropane	22.21	1.0	20	0	111	75-125	0			
2-Butanone	22.77	5.0	20	0	114	55-150	0			
2-Hexanone	24.74	5.0	20	0	124	60-135	0			
4-Methyl-2-pentanone	31.87	1.0	20	0	159	77-178	0			
Acetone	25.58	10	20	0	128	60-160	0			
Benzene	20.22	1.0	20	0	101	70-130	0			
Bromodichloromethane	24.03	1.0	20	0	120	75-125	0			
Bromoform	23.22	1.0	20	0	116	60-125	0			
Bromomethane	13.36	1.0	20	0	66.8	30-185	0			
Carbon disulfide	23.05	1.0	20	0	115	60-165	0			
Carbon tetrachloride	25.45	1.0	20	0	127	65-140	0			
Chlorobenzene	20.55	1.0	20	0	103	80-120	0			
Chloroethane	17.45	1.0	20	0	87.2	31-172	0			
Chloroform	19.38	1.0	20	0	96.9	66-135	0			
Chloromethane	12.96	1.0	20	0	64.8	46-148	0			
cis-1,2-Dichloroethene	19.99	1.0	20	0	100	75-134	0			
cis-1,3-Dichloropropene	22.59	1.0	20	0	113	70-130	0			
Dibromochloromethane	22.81	1.0	20	0	114	60-115	0			
Ethylbenzene	20.8	1.0	20	0	104	76-123	0			
m,p-Xylene	42.36	2.0	40	0	106	75-130	0			
Methylene chloride	19.72	5.0	20	0	98.6	72-125	0			
o-Xylene	20.9	1.0	20	0	104	76-127	0			
Styrene	20.85	1.0	20	0	104	79-117	0			
Tetrachloroethene	23.19	1.0	20	0	116	68-166	0			
Toluene	20.21	1.0	20	0	101	76-125	0			
trans-1,2-Dichloroethene	19.34	1.0	20	0	96.7	80-140	0			
trans-1,3-Dichloropropene	22.02	1.0	20	0	110	56-132	0			
Trichloroethene	23.6	1.0	20	0	118	77-125	0			
Vinyl chloride	14.57	1.0	20	0	72.8	50-136	0			
Xylenes, Total	63.26	3.0	60	0	105	76-127	0			
Surr: 1,2-Dichloroethane-d4	*19.66*	0	*20*	0	*98.3*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.03*	0	*20*	0	*100*	*80-110*	0			
Surr: Dibromofluoromethane	*20.58*	0	*20*	0	*103*	*85-115*	0			
Surr: Toluene-d8	*20.15*	0	*20*	0	*101*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21112058
Project: TFS Rochester 3031210011

QC BATCH REPORT

Batch ID: **R333230** Instrument ID **VMS11** Method: **SW8260C**

MS Sample ID: **21112058-05A MS** Units: **µg/L** Analysis Date: **11/26/2021 10:56 PM**

Client ID: **ATR-OW6(63)-111721** Run ID: **VMS11_211126A** SeqNo: **7980368** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	24.17	1.0	20	0	121	75-130	0			
1,1,2,2-Tetrachloroethane	23.91	1.0	20	0	120	75-130	0			
1,1,2-Trichloroethane	21.16	1.0	20	0	106	75-125	0			
1,1-Dichloroethane	21.03	1.0	20	0	105	68-142	0			
1,1-Dichloroethene	21.42	1.0	20	0	107	70-145	0			
1,2-Dichloroethane	21.09	1.0	20	0	105	78-125	0			
1,2-Dichloropropane	23.01	1.0	20	0	115	75-125	0			
2-Butanone	24.76	5.0	20	0	124	55-150	0			
2-Hexanone	25.35	5.0	20	0	127	60-135	0			
4-Methyl-2-pentanone	30.98	1.0	20	0	155	77-178	0			
Acetone	29.38	10	20	1.16	141	60-160	0			
Benzene	20.75	1.0	20	0	104	70-130	0			
Bromodichloromethane	23.7	1.0	20	0	118	75-125	0			
Bromoform	21.37	1.0	20	0	107	60-125	0			
Bromomethane	10.71	1.0	20	0	53.6	30-185	0			
Carbon disulfide	25.5	1.0	20	0	128	60-165	0			
Carbon tetrachloride	25.94	1.0	20	0	130	65-140	0			
Chlorobenzene	20.96	1.0	20	0	105	80-120	0			
Chloroethane	19.42	1.0	20	0	97.1	31-172	0			
Chloroform	20.59	1.0	20	0	103	66-135	0			
Chloromethane	16.52	1.0	20	0	82.6	46-148	0			
cis-1,2-Dichloroethene	21.38	1.0	20	0	107	75-134	0			
cis-1,3-Dichloropropene	21.46	1.0	20	0	107	70-130	0			
Dibromochloromethane	21.47	1.0	20	0	107	60-115	0			
Ethylbenzene	21.18	1.0	20	0	106	76-123	0			
m,p-Xylene	43.26	2.0	40	0	108	75-130	0			
Methylene chloride	20.84	5.0	20	0	104	72-125	0			
o-Xylene	21.11	1.0	20	0	106	76-127	0			
Styrene	21.19	1.0	20	0	106	79-117	0			
Tetrachloroethene	22.9	1.0	20	0	114	68-166	0			
Toluene	20.99	1.0	20	0	105	76-125	0			
trans-1,2-Dichloroethene	21.28	1.0	20	0	106	80-140	0			
trans-1,3-Dichloropropene	20.4	1.0	20	0	102	56-132	0			
Trichloroethene	23.81	1.0	20	0	119	77-125	0			
Vinyl chloride	18.48	1.0	20	0	92.4	50-136	0			
Xylenes, Total	64.37	3.0	60	0	107	76-127	0			
Surr: 1,2-Dichloroethane-d4	*20.24*	0	*20*	0	*101*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.12*	0	*20*	0	*101*	*80-110*	0			
Surr: Dibromofluoromethane	*20.46*	0	*20*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*19.7*	0	*20*	0	*98.5*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21112058
Project: TFS Rochester 3031210011

QC BATCH REPORT

Batch ID: **R333230** Instrument ID **VMS11** Method: **SW8260C**

MSD Sample ID: **21112058-05A MSD** Units: **µg/L** Analysis Date: **11/26/2021 11:19 PM**

Client ID: **ATR-OW6(63)-111721** Run ID: **VMS11_211126A** SeqNo: **7980369** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	24.01	1.0	20	0	120	75-130	24.17	0	30	
1,1,2,2-Tetrachloroethane	23.89	1.0	20	0	119	75-130	23.91	0	30	
1,1,2-Trichloroethane	21.04	1.0	20	0	105	75-125	21.16	0	30	
1,1-Dichloroethane	19.54	1.0	20	0	97.7	68-142	21.03	0	30	
1,1-Dichloroethene	20.08	1.0	20	0	100	70-145	21.42	0	30	
1,2-Dichloroethane	20.47	1.0	20	0	102	78-125	21.09	0	30	
1,2-Dichloropropane	22.02	1.0	20	0	110	75-125	23.01	0	30	
2-Butanone	26.09	5.0	20	0	130	55-150	24.76	0	30	
2-Hexanone	25.76	5.0	20	0	129	60-135	25.35	0	30	
4-Methyl-2-pentanone	30.25	1.0	20	0	151	77-178	30.98	0	30	
Acetone	26.49	10	20	1.16	127	60-160	29.38	0	30	
Benzene	20.61	1.0	20	0	103	70-130	20.75	0	30	
Bromodichloromethane	23.62	1.0	20	0	118	75-125	23.7	0	30	
Bromoform	21.78	1.0	20	0	109	60-125	21.37	0	30	
Bromomethane	11.35	1.0	20	0	56.8	30-185	10.71	0	30	
Carbon disulfide	25.03	1.0	20	0	125	60-165	25.5	0	30	
Carbon tetrachloride	25.39	1.0	20	0	127	65-140	25.94	0	30	
Chlorobenzene	20.84	1.0	20	0	104	80-120	20.96	0	30	
Chloroethane	18.42	1.0	20	0	92.1	31-172	19.42	0	30	
Chloroform	20.06	1.0	20	0	100	66-135	20.59	0	30	
Chloromethane	14.73	1.0	20	0	73.6	46-148	16.52	0	30	
cis-1,2-Dichloroethene	20.54	1.0	20	0	103	75-134	21.38	0	30	
cis-1,3-Dichloropropene	21.57	1.0	20	0	108	70-130	21.46	0	30	
Dibromochloromethane	21.56	1.0	20	0	108	60-115	21.47	0	30	
Ethylbenzene	21.09	1.0	20	0	105	76-123	21.18	0	30	
m,p-Xylene	42.77	2.0	40	0	107	75-130	43.26	0	30	
Methylene chloride	20.27	5.0	20	0	101	72-125	20.84	0	30	
o-Xylene	21.1	1.0	20	0	106	76-127	21.11	0	30	
Styrene	21.23	1.0	20	0	106	79-117	21.19	0	30	
Tetrachloroethene	22.82	1.0	20	0	114	68-166	22.9	0	30	
Toluene	20.6	1.0	20	0	103	76-125	20.99	0	30	
trans-1,2-Dichloroethene	20.26	1.0	20	0	101	80-140	21.28	0	30	
trans-1,3-Dichloropropene	20.87	1.0	20	0	104	56-132	20.4	0	30	
Trichloroethene	23.72	1.0	20	0	119	77-125	23.81	0	30	
Vinyl chloride	17.99	1.0	20	0	90	50-136	18.48	0	30	
Xylenes, Total	63.87	3.0	60	0	106	76-127	64.37	0	30	
Surr: 1,2-Dichloroethane-d4	*20.03*	0	*20*	0	*100*	*75-120*	20.24	*0*	*30*	
Surr: 4-Bromofluorobenzene	*20.28*	0	*20*	0	*101*	*80-110*	20.12	*0*	*30*	
Surr: Dibromofluoromethane	*20.66*	0	*20*	0	*103*	*85-115*	20.46	*0*	*30*	
Surr: Toluene-d8	*20.16*	0	*20*	0	*101*	*85-110*	19.7	*0*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21112058
Project: TFS Rochester 3031210011

QC BATCH REPORT

Batch ID: **R333230** Instrument ID **VMS11** Method: **SW8260C**

The following samples were analyzed in this batch:

21112058-01A	21112058-02A	21112058-03A
21112058-04A	21112058-05A	21112058-06A
21112058-07A	21112058-08A	21112058-09A
21112058-10A	21112058-11A	21112058-12A
21112058-13A	21112058-14A	21112058-15A
21112058-16A	21112058-17A	21112058-18A
21112058-19A	21112058-20A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21112058
Project: TFS Rochester 3031210011

QC BATCH REPORT

Batch ID: **R333246a** Instrument ID **VMS8** Method: **SW8260C**

MBLK Sample ID: **8V-BLKW2-211126-R333246a** Units: **µg/L** Analysis Date: **11/26/2021 11:45 PM**
Client ID: Run ID: **VMS8_211126B** SeqNo: **7980994** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Surr: 1,2-Dichloroethane-d4	*20.86*	0	*20*	0	*104*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.27*	0	*20*	0	*101*	*80-110*	0			
Surr: Dibromofluoromethane	*20.09*	0	*20*	0	*100*	*85-115*	0			
Surr: Toluene-d8	*20.47*	0	*20*	0	*102*	*85-110*	0			

LCS Sample ID: **8V-LCSW2-211126-R333246a** Units: **µg/L** Analysis Date: **11/26/2021 10:50 PM**
Client ID: Run ID: **VMS8_211126B** SeqNo: **7980992** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	18.68	1.0	20	0	93.4	75-134	0			
Vinyl chloride	14.55	1.0	20	0	72.8	50-136	0			
Surr: 1,2-Dichloroethane-d4	*20.32*	0	*20*	0	*102*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.45*	0	*20*	0	*102*	*80-110*	0			
Surr: Dibromofluoromethane	*20.24*	0	*20*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*19.64*	0	*20*	0	*98.2*	*85-110*	0			

MS Sample ID: **21112058-22A MS** Units: **µg/L** Analysis Date: **11/27/2021 06:25 AM**
Client ID: **ATR-MW59(46)-111821** Run ID: **VMS8_211126B** SeqNo: **7981015** Prep Date: DF: **200**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	9248	200	4000	5948	82.5	75-134	0			
Vinyl chloride	4214	200	4000	692	88	50-136	0			
Surr: 1,2-Dichloroethane-d4	*4072*	0	*4000*	0	*102*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*3942*	0	*4000*	0	*98.6*	*80-110*	0			
Surr: Dibromofluoromethane	*4062*	0	*4000*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*3902*	0	*4000*	0	*97.6*	*85-110*	0			

MSD Sample ID: **21112058-22A MSD** Units: **µg/L** Analysis Date: **11/27/2021 06:43 AM**
Client ID: **ATR-MW59(46)-111821** Run ID: **VMS8_211126B** SeqNo: **7981016** Prep Date: DF: **200**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	9288	200	4000	5948	83.5	75-134	9248	0.432	30	
Vinyl chloride	4308	200	4000	692	90.4	50-136	4214	2.21	30	
Surr: 1,2-Dichloroethane-d4	*3992*	0	*4000*	0	*99.8*	*75-120*	4072	*1.98*	*30*	
Surr: 4-Bromofluorobenzene	*4002*	0	*4000*	0	*100*	*80-110*	3942	*1.51*	*30*	
Surr: Dibromofluoromethane	*4120*	0	*4000*	0	*103*	*85-115*	4062	*1.42*	*30*	
Surr: Toluene-d8	*3972*	0	*4000*	0	*99.3*	*85-110*	3902	*1.78*	*30*	

The following samples were analyzed in this batch: 21112058-20A 21112058-22A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R333346a** Instrument ID **VMS12** Method: **SW8260C**

MBLK	Sample ID: **12V-BLKW2-211129-R333346a**				Units: **µg/L**			Analysis Date: **11/30/2021 01:22 AM**		
Client ID:		Run ID: **VMS12_211129A**			SeqNo: **7984950**		Prep Date:		DF: **1**	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*19.92*	0	*20*	0	*99.6*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.52*	0	*20*	0	*97.6*	*80-110*	0			
Surr: Dibromofluoromethane	*19.2*	0	*20*	0	*96*	*85-115*	0			
Surr: Toluene-d8	*19.17*	0	*20*	0	*95.8*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21112058
Project: TFS Rochester 3031210011

QC BATCH REPORT

Batch ID: **R333346a** Instrument ID **VMS12** Method: **SW8260C**

LCS	Sample ID: **12V-LCSW2-211129-R333346a**				Units: **µg/L**			Analysis Date: **11/30/2021 12:09 AM**			
Client ID:		Run ID: **VMS12_211129A**			SeqNo: **7984947**		Prep Date:		DF: **1**		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.74	1.0	20	0	109	75-130	0			
1,1,2,2-Tetrachloroethane	21.75	1.0	20	0	109	75-130	0			
1,1,2-Trichloroethane	22.09	1.0	20	0	110	75-125	0			
1,1-Dichloroethane	22.36	1.0	20	0	112	68-142	0			
1,1-Dichloroethene	21.2	1.0	20	0	106	70-145	0			
1,2-Dichloroethane	22.7	1.0	20	0	114	78-125	0			
1,2-Dichloropropane	22	1.0	20	0	110	75-125	0			
2-Butanone	19.82	5.0	20	0	99.1	55-150	0			
2-Hexanone	23.6	5.0	20	0	118	60-135	0			
4-Methyl-2-pentanone	27.22	1.0	20	0	136	77-178	0			
Acetone	21.57	10	20	0	108	60-160	0			
Benzene	22.12	1.0	20	0	111	70-130	0			
Bromodichloromethane	25	1.0	20	0	125	75-125	0			
Bromoform	21.69	1.0	20	0	108	60-125	0			
Bromomethane	23.87	1.0	20	0	119	30-185	0			
Carbon disulfide	28.21	1.0	20	0	141	60-165	0			
Carbon tetrachloride	21.48	1.0	20	0	107	65-140	0			
Chlorobenzene	22.39	1.0	20	0	112	80-120	0			
Chloroethane	19.1	1.0	20	0	95.5	31-172	0			
Chloroform	21.86	1.0	20	0	109	66-135	0			
Chloromethane	17.85	1.0	20	0	89.2	46-148	0			
cis-1,2-Dichloroethene	22.25	1.0	20	0	111	75-134	0			
cis-1,3-Dichloropropene	23.14	1.0	20	0	116	70-130	0			
Dibromochloromethane	21.35	1.0	20	0	107	60-115	0			
Ethylbenzene	22.05	1.0	20	0	110	76-123	0			
m,p-Xylene	44.76	2.0	40	0	112	75-130	0			
Methylene chloride	22.29	5.0	20	0	111	72-125	0			
o-Xylene	22.48	1.0	20	0	112	76-127	0			
Styrene	21.56	1.0	20	0	108	79-117	0			
Tetrachloroethene	23.05	1.0	20	0	115	68-166	0			
Toluene	22.18	1.0	20	0	111	76-125	0			
trans-1,2-Dichloroethene	21.91	1.0	20	0	110	80-140	0			
trans-1,3-Dichloropropene	20.27	1.0	20	0	101	56-132	0			
Trichloroethene	22.48	1.0	20	0	112	77-125	0			
Vinyl chloride	20.68	1.0	20	0	103	50-136	0			
Xylenes, Total	67.24	3.0	60	0	112	76-127	0			
Surr: 1,2-Dichloroethane-d4	*19.74*	0	*20*	0	*98.7*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.26*	0	*20*	0	*101*	*80-110*	0			
Surr: Dibromofluoromethane	*20.19*	0	*20*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*20.2*	0	*20*	0	*101*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21112058
Project: TFS Rochester 3031210011

QC BATCH REPORT

Batch ID: **R333346a** Instrument ID **VMS12** Method: **SW8260C**

MS Sample ID: **21111883-04A MS** Units: **µg/L** Analysis Date: **11/30/2021 09:47 AM**
Client ID: Run ID: **VMS12_211129A** SeqNo: **7984973** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	18.71	1.0	20	0	93.6	75-130	0			
1,1,2,2-Tetrachloroethane	17.4	1.0	20	0	87	75-130	0			
1,1,2-Trichloroethane	18.25	1.0	20	0	91.2	75-125	0			
1,1-Dichloroethane	18.84	1.0	20	0	94.2	68-142	0			
1,1-Dichloroethene	18.22	1.0	20	0	91.1	70-145	0			
1,2-Dichloroethane	19.74	1.0	20	0	98.7	78-125	0			
1,2-Dichloropropane	19.61	1.0	20	0	98	75-125	0			
2-Butanone	14.49	5.0	20	0	72.4	55-150	0			
2-Hexanone	18.35	5.0	20	0	91.8	60-135	0			
4-Methyl-2-pentanone	21.19	1.0	20	0	106	77-178	0			
Acetone	17.39	10	20	0.83	82.8	60-160	0			
Benzene	19.6	1.0	20	0	98	70-130	0			
Bromodichloromethane	22.13	1.0	20	0	111	75-125	0			
Bromoform	19.05	1.0	20	0	95.2	60-125	0			
Bromomethane	12.27	1.0	20	0	61.4	30-185	0			
Carbon disulfide	98.73	1.0	20	136.9	-191	60-165	0			SO
Carbon tetrachloride	19.48	1.0	20	0	97.4	65-140	0			
Chlorobenzene	18.72	1.0	20	0	93.6	80-120	0			
Chloroethane	15.56	1.0	20	0	77.8	31-172	0			
Chloroform	18.2	1.0	20	0	91	66-135	0			
Chloromethane	12.62	1.0	20	0	63.1	46-148	0			
cis-1,2-Dichloroethene	19.21	1.0	20	0	96	75-134	0			
cis-1,3-Dichloropropene	19.07	1.0	20	0	95.4	70-130	0			
Dibromochloromethane	18.14	1.0	20	0	90.7	60-115	0			
Ethylbenzene	18.5	1.0	20	0	92.5	76-123	0			
m,p-Xylene	37.01	2.0	40	0	92.5	75-130	0			
Methylene chloride	17.67	5.0	20	0	88.4	72-125	0			
o-Xylene	18.44	1.0	20	0	92.2	76-127	0			
Styrene	17.98	1.0	20	0	89.9	79-117	0			
Tetrachloroethene	39	1.0	20	22.56	82.2	68-166	0			
Toluene	19.07	1.0	20	0	95.4	76-125	0			
trans-1,2-Dichloroethene	18.46	1.0	20	0	92.3	80-140	0			
trans-1,3-Dichloropropene	15.49	1.0	20	0	77.4	56-132	0			
Trichloroethene	19.97	1.0	20	0.64	96.6	77-125	0			
Vinyl chloride	14.92	1.0	20	0	74.6	50-136	0			
Xylenes, Total	55.45	3.0	60	0	92.4	76-127	0			
Surr: 1,2-Dichloroethane-d4	*19.71*	0	*20*	0	*98.6*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.67*	0	*20*	0	*103*	*80-110*	0			
Surr: Dibromofluoromethane	*20.66*	0	*20*	0	*103*	*85-115*	0			
Surr: Toluene-d8	*19.63*	0	*20*	0	*98.2*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21112058
Project: TFS Rochester 3031210011

QC BATCH REPORT

Batch ID: **R333346a** Instrument ID **VMS12** Method: **SW8260C**

MSD Sample ID: **21111883-04A MSD** Units: **µg/L** Analysis Date: **11/30/2021 10:12 AM**
Client ID: Run ID: **VMS12_211129A** SeqNo: **7984974** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.1	1.0	20	0	100	75-130	18.71	7.16	30	
1,1,2,2-Tetrachloroethane	19.08	1.0	20	0	95.4	75-130	17.4	9.21	30	
1,1,2-Trichloroethane	19.94	1.0	20	0	99.7	75-125	18.25	8.85	30	
1,1-Dichloroethane	19.4	1.0	20	0	97	68-142	18.84	2.93	30	
1,1-Dichloroethene	18.56	1.0	20	0	92.8	70-145	18.22	1.85	30	
1,2-Dichloroethane	20.46	1.0	20	0	102	78-125	19.74	3.58	30	
1,2-Dichloropropane	20.69	1.0	20	0	103	75-125	19.61	5.36	30	
2-Butanone	16.27	5.0	20	0	81.4	55-150	14.49	11.6	30	
2-Hexanone	21.1	5.0	20	0	106	60-135	18.35	13.9	30	
4-Methyl-2-pentanone	23.06	1.0	20	0	115	77-178	21.19	8.45	30	
Acetone	19.98	10	20	0.83	95.8	60-160	17.39	13.9	30	
Benzene	20.49	1.0	20	0	102	70-130	19.6	4.44	30	
Bromodichloromethane	23.35	1.0	20	0	117	75-125	22.13	5.36	30	
Bromoform	20.63	1.0	20	0	103	60-125	19.05	7.96	30	
Bromomethane	13.73	1.0	20	0	68.6	30-185	12.27	11.2	30	
Carbon disulfide	96.57	1.0	20	136.9	-202	60-165	98.73	2.21	30	SO
Carbon tetrachloride	20.58	1.0	20	0	103	65-140	19.48	5.49	30	
Chlorobenzene	19.54	1.0	20	0	97.7	80-120	18.72	4.29	30	
Chloroethane	17.18	1.0	20	0	85.9	31-172	15.56	9.9	30	
Chloroform	19.49	1.0	20	0	97.4	66-135	18.2	6.85	30	
Chloromethane	12.89	1.0	20	0	64.4	46-148	12.62	2.12	30	
cis-1,2-Dichloroethene	19.49	1.0	20	0	97.4	75-134	19.21	1.45	30	
cis-1,3-Dichloropropene	20.02	1.0	20	0	100	70-130	19.07	4.86	30	
Dibromochloromethane	19.41	1.0	20	0	97	60-115	18.14	6.76	30	
Ethylbenzene	19.11	1.0	20	0	95.6	76-123	18.5	3.24	30	
m,p-Xylene	38.74	2.0	40	0	96.8	75-130	37.01	4.57	30	
Methylene chloride	19.19	5.0	20	0	96	72-125	17.67	8.25	30	
o-Xylene	19.36	1.0	20	0	96.8	76-127	18.44	4.87	30	
Styrene	18.94	1.0	20	0	94.7	79-117	17.98	5.2	30	
Tetrachloroethene	42.65	1.0	20	22.56	100	68-166	39	8.94	30	
Toluene	19.24	1.0	20	0	96.2	76-125	19.07	0.887	30	
trans-1,2-Dichloroethene	18.78	1.0	20	0	93.9	80-140	18.46	1.72	30	
trans-1,3-Dichloropropene	17.17	1.0	20	0	85.8	56-132	15.49	10.3	30	
Trichloroethene	21.05	1.0	20	0.64	102	77-125	19.97	5.27	30	
Vinyl chloride	15.68	1.0	20	0	78.4	50-136	14.92	4.97	30	
Xylenes, Total	58.1	3.0	60	0	96.8	76-127	55.45	4.67	30	
Surr: 1,2-Dichloroethane-d4	*19.28*	0	*20*	0	*96.4*	*75-120*	19.71	*2.21*	*30*	
Surr: 4-Bromofluorobenzene	*20.85*	0	*20*	0	*104*	*80-110*	20.67	*0.867*	*30*	
Surr: Dibromofluoromethane	*20.08*	0	*20*	0	*100*	*85-115*	20.66	*2.85*	*30*	
Surr: Toluene-d8	*19.53*	0	*20*	0	*97.6*	*85-110*	19.63	*0.511*	*30*	

The following samples were analyzed in this batch: 21112058-21A 21112058-22A 21112058-23A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 21112058
Project: TFS Rochester 3031210011

QC BATCH REPORT

Batch ID: **R333349A** Instrument ID **VMS11** Method: **SW8260C**

MBLK Sample ID: **11V-BLKW1-211130-R333349A** Units: **µg/L** Analysis Date: **11/30/2021 12:06 PM**
Client ID: Run ID: **VMS11_211130A** SeqNo: **7986092** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbon disulfide	ND	1.0								
Surr: 1,2-Dichloroethane-d4	*20.26*	0	*20*	0	*101*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.5*	0	*20*	0	*97.5*	*80-110*	0			
Surr: Dibromofluoromethane	*19.62*	0	*20*	0	*98.1*	*85-115*	0			
Surr: Toluene-d8	*19.44*	0	*20*	0	*97.2*	*85-110*	0			

LCS Sample ID: **11V-LCSW1-211130-R333349A** Units: **µg/L** Analysis Date: **11/30/2021 11:00 AM**
Client ID: Run ID: **VMS11_211130A** SeqNo: **7986091** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbon disulfide	20.07	1.0	20	0	100	60-165	0			
Surr: 1,2-Dichloroethane-d4	*19.96*	0	*20*	0	*99.8*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.15*	0	*20*	0	*101*	*80-110*	0			
Surr: Dibromofluoromethane	*20.57*	0	*20*	0	*103*	*85-115*	0			
Surr: Toluene-d8	*19.7*	0	*20*	0	*98.5*	*85-110*	0			

MS Sample ID: **21112059-02A MS** Units: **µg/L** Analysis Date: **11/30/2021 08:07 PM**
Client ID: Run ID: **VMS11_211130A** SeqNo: **7987995** Prep Date: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbon disulfide	379.1	10	200	0	190	60-165	0			S
Surr: 1,2-Dichloroethane-d4	*203.5*	0	*200*	0	*102*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*205.3*	0	*200*	0	*103*	*80-110*	0			
Surr: Dibromofluoromethane	*198.6*	0	*200*	0	*99.3*	*85-115*	0			
Surr: Toluene-d8	*197.4*	0	*200*	0	*98.7*	*85-110*	0			

MSD Sample ID: **21112059-02A MSD** Units: **µg/L** Analysis Date: **11/30/2021 08:29 PM**
Client ID: Run ID: **VMS11_211130A** SeqNo: **7987996** Prep Date: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Carbon disulfide	264.3	10	200	0	132	60-165	379.1	35.7	30	R
Surr: 1,2-Dichloroethane-d4	*206.4*	0	*200*	0	*103*	*75-120*	203.5	*1.41*	*30*	
Surr: 4-Bromofluorobenzene	*195.8*	0	*200*	0	*97.9*	*80-110*	205.3	*4.74*	*30*	
Surr: Dibromofluoromethane	*197*	0	*200*	0	*98.5*	*85-115*	198.6	*0.809*	*30*	
Surr: Toluene-d8	*194.4*	0	*200*	0	*97.2*	*85-110*	197.4	*1.53*	*30*	

The following samples were analyzed in this batch: 21112058-22A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Cincinnati, OH +1 513 733 5336
Everett, WA +1 425 356 2600
Fort Collins, CO +1 970 490 1511
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Middletown, PA +1 717 944 5541
Spring City, PA +1 610 948 4903
Salt Lake City, UT +1 801 266 7700
South Charleston, WV +1 304 356 3168
York, PA +1 717 505 5280

Chain of Custody Form

COC ID: 187815

ALS Project Manager: | ALS Work Order #: 21112058

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	3031	Project Name	Texkem	A	VOCs
Work Order	303121C011.01.01.5730	Project Number	303121C011.01.01	B	
Company Name	Wood Environment & Infrastructure Solutions, Inc.	Bill To Company	Wood Environment & Infrastructure Solutions, Inc.	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	ATR-EB001-111721	11/17/21	1655	Lab	1	3	X										
2	ATR-MW36(35.2)-111721	11/17/21	1640	GW	1	3	X										
3	ATR-MW84(40)-111821	11/18/21	0910	GW	1	3	X										
4	ATR-MW29(52.5)-111821	11/18/21	1018	GW	1	3	X										
5	ATR-MW29(103.3)-111821	11/18/21	1108	GW	1	3	X										
6	ATR-MW25(82)-111821	11/18/21	1228	GW	1	3	X										
7	ATR-EB001-111821	11/18/21	1240	Lab	1	3	X										
8	ATR-MW19(58)-111821	11/18/21	1455	GW	1	3	X										
9	ATR-MW20(51)-111821	11/18/21	1600	GW	1	3	X										
10	ATR-MW3[illegible]-111821	11/18/21	1530	GW	1	3	X										

Sampler(s) Please Print & Sign: Gerald Duenbostel & Kevin Miller

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☑ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

	Date:	Time:	
Relinquished by:	11/18/21	1725	Received by:
Relinquished by:	11/19/21	1330	Received by (Laboratory):
Logged by (Laboratory): KR	11/22/21	1015	Checked by (Laboratory):

Notes:

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☑ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ALS

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Chain of Custody Form

Page 3 of 3

COC ID: 187814

ALS Project Manager: | ALS Work Order #: 21112058

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name		A	VOCs
Work Order	3031210011.01.01.3031.57308	Project Number	3031210011.01.01	B	
Company Name	Wood Environment & Infrastructure Solutions, Inc	Bill To Company	Wood Environment & Infrastructure Solutions, Inc	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	ATR-MW60(88)-111821	111821	1410	GW	1	3	X										
2	ATR-MW52(55)-111821	111821	1230	GW	1	3	X										
3	ATR-MW54(46)-111821	111821	1025	GW	1	3	X										
4	ATR-MW34(42.4)-111821	111821	0905	GW	1	3	X										
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Gerald L. Dombusch, Kevin Miller

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☑ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other ____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
[signature]	11/18/21	1725	C. [signature]
Relinquished by:	Date: 11/19/21	Time: 1330	Received by (Laboratory): [signature]
Logged by (Laboratory): [initials]	Date: 11/22/21	Time: 1015	Checked by (Laboratory):

Notes:

Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
- ☐ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☑ Level IV SW846/CLP
- ☐ Other ____
- ☐ TRRP CheckList
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Cincinnati, OH +1 513 733 5336 | Fort Collins, CO +1 970 490 1511 | Everett, WA +1 425 356 2600 | Holland, MI +1 616 399 6070 | Houston, TX +1 281 530 5656 | Spring City, PA +1 610 948 4903 | South Charleston, WV +1 304 356 3168 | Middletown, PA +1 717 944 5541 | Salt Lake City, UT +1 801 266 7700 | York, PA +1 717 505 5280

Chain of Custody Form

Page 1 of 3

COC ID: 189332

ALS Project Manager: | ALS Work Order #: Z1112058

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	305	Project Name		A	VOC-8260B method
Work Order	3031210011.01.01.303157300	Project Number	3031210011.01.01	B	
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Trip Blank	11/17/21				3	X										
2	ATR-FB001-111721	11/17/21	1100	Lab	1	3	X										
3	ATR-OW6(38)-111721	11/17/21	1335	GW	1	3	X										
4	ATR-OW6(38)-111721-R	11/17/21	1335	GW	1	3	X										
5	ATR-OW6(63)-111721	11/17/21	1410	GW	1	3	X										
6	ATR-OW6(63)-111721-MS/MSD	11/17/21	1410	GW	1	6	X										
7	ATR-MW-17-111721	11/17/21	1515	GW	1	3	X										
8	ATR-MW48(159)-111721	11/17/21	1645	GW	1	3	X										
9	ATR-MW35(90)-111721	11/17/21	1420	GW	1	3	X										
10	ATR-MW35(45)-111721	11/17/21	1520	GW	1	3	X										

Sampler(s) Please Print & Sign: Gerald Dornbusch & Kevin Miller

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other ____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
[signature]	11/18/21	1725	[signature]
Relinquished by:	Date: 11/19/21	Time: 1330	Received by (Laboratory): [signature]
Logged by (Laboratory): Kc	Date: 11/22/21	Time: 1015	Checked by (Laboratory):

Notes:

Cooler ID	Cooler Temp.
103	3.8°C

QC Package: (Check One Box Below)
☐ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other ____
☐ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ALS Group, USA

Sample Receipt Checklist

Client Name: **WOOD-DAYTON** Date/Time Received: **19-Nov-21 13:30**

Work Order: **21112058** Received by: **KRW**

Checklist completed by Keith Wierenga (eSignature) 22-Nov-21 (Date) Reviewed by: Jodi Blouw (eSignature) 23-Nov-21 (Date)

Matrices: Water
Carrier name: ALSHN

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.8/4.8 C	IR3	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	11/22/2021 10:18:01 AM		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

1.0 INTRODUCTION

Groundwater samples were collected during monitoring well sampling completed in November 2021 at the Former TORX Facility in Rochester, Indiana. Samples were analyzed by ALS Laboratory Group in Holland, Michigan. A summary of sample delivery groups (SDGs) and field samples included in this review is contained in Table 1. Samples reviewed in this report were analyzed for the following USEPA SW-846 (USEPA, 1996) method:

- Volatile Organic Compounds (VOCs) by USEPA Method 8260C

Sample results were validated using general procedures in the USEPA National Data Validation Guidelines (USEPA, 2017), Indiana Department of Environmental Management (IDEM) data review guidelines (IDEM, 2012), and data validation goals identified in the Work Plan Appendix N Quality Assurance Project Plan (QAPP) [AMEC, 2014]. Project data quality criteria for the VOC analyses are identified based on IDEM quality control (QC) goals (IDEM, 1998) and the professional judgment of the project chemist. A summary of project QC limits used during data validation is provided in Table 2.

Level II validation was completed on all samples in accordance with specifications in the Work Plan. During the Level II validation the major quality assurance (QA)/QC indicators of analytical data quality are reviewed, but review of calculations and raw laboratory data is not included. QC data checks are completed using QC summary forms provided in the laboratory packages. The following parameters are checked during the Level II review:

- laboratory report narrative
- sample chain of custody/sample receipt records
- sample preservation and holding times
- QC blanks
- laboratory control sample (LCS) results
- matrix spike and matrix spike duplicate (MS/MSD) sample results
- surrogate recovery
- internal standard recovery and retention times
- field duplicate sample results
- sample results summary
- verification of electronic database results

Full validation was completed on ten percent of the samples. Full validation includes:

- instrument tuning and calibration
- lab notebook records
- review of raw instrument data including quantitation reports, chromatograms, and spectra
- calculation checks and verification of sample results and QC summary forms

Full validation was completed on the following samples:

- ATR-MW-51 (70)-110921

- ATR-MW-37 (98)-110921
- ATR-MW-30 (41.1)-110921
- ATR-OW6(63)-111721
- ATR-MW59(46)-111821

A summary of qualification actions is presented in Table 3. Table 3 includes listings of validation reason codes to document the reason for the validation qualification. Final sample results are presented in Table 4. Target analytes were reported as detections if concentrations were greater than the reporting limit (RL). If target compounds were not detected, or concentrations were less than RLs, the compounds are reported as non-detect (U) at the reporting limits. Data validation qualifiers were added to results if associated quality control data did not meet goals in the validation guidelines or project work plan. The following data quality flags shown below were used to qualify data that did not meet project specific QC goals.

UJ = undetected and reporting limit is estimated
U = undetected
J = estimated value
J- = estimated value and potentially biased low

2.0 VALIDATION OBSERVATION AND ACTIONS

With the exception of the data qualification actions discussed in the sections below, results are interpreted to be usable as reported by the laboratory. A summary of qualification actions is presented on Table 3. Validation reason codes are applied to the results to document the reason for the validation qualification.

2.1 VOCs

During the Level II review the data quality indicators listed below were reviewed. Checks that included validation actions are marked with an asterisk (*) and discussed in the following sections.

- laboratory report narrative
- sample chain of custody/sample receipt records
- sample preservation and holding times
- QC blanks*
- laboratory control sample (LCS) results*
- matrix spike and matrix spike duplicate (MS/MSD) sample results*
- surrogate recovery*
- internal standard recovery and retention times
- field duplicate sample results
- sample results summary
- verification of electronic database results

During the full validation the data quality indicators listed below were also reviewed:

- instrument tuning
- initial calibration
- continuing calibration*
- calculation checks specified in USEPA guidelines

- analyte identification and quantitation

Continuing Calibration

The percent difference for vinyl chloride, cis-1,3-dichloropropene, trans-1,3-dichlropropene, 2-hexanone, and 4-methyl-2-pentanone in various analytical batches exceeded the project goal of 20. The reporting limits for these VOCs in associated samples were qualified estimated (J/UJ). Qualified results are summarized in Table 3 with reason code CCV%D.

QC Blanks

The trip blank associated with SDG 21111249 had acetone and chloromethane concentrations greater than the reporting limit. Sample ATR-MW-71 (33)-110921 had an acetone concentration greater than the reporting limit, but less than the reported concentration in the trip blank. Sample ATR-MW-38 (20.8)-110921 had a chloromethane concentration greater than the reporting limit, but less than the reported concentration in the trip blank. Both samples results are qualified not detected (U) at the reported sample result. Qualified results are summarized in Table 3 with reason code BL2. All other associated samples are non-detect for acetone.

*Due to concurring LCS qualifications, sample ATR-MW-38 (20.8)-110921 is qualified estimated (UJ)

LCS

21112058

In the LCS associated with batch VMS11_211126A, the percent recoveries of bromomethane (67) and chloromethane (65) were lower than the limit of 70. Bromomethane and chloromethane were not detected in the associated samples and the reporting limits were qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code LCSL.

21111249

In the LCS associated with batch VMS8_211126B, the percent recovery of chloromethane (49) was lower than the limit of 70. Chloromethane was not detected in the associated sample and the reporting limit was qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code LCSL. 3 with reason code LCSH.

In the LCS associated with batch VMS8_211118A, the percent recoveries of chloromethane (47) and vinyl chloride (62) were lower than the limit of 70. Chloroethane and vinyl chloride were not detected in the associated samples and the reporting limits were qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code LCSL.

In the LCS associated with batch VMS8_211118B, the percent recoveries of chloromethane (59) and chloroethane (66) were lower than the limit of 70. Chloroethane and chloroethane were not detected in the associated samples and the reporting limits were qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code LCSL.

MS/MSD

21111249

In the MS/MSD associated with sample ATR-MW-51 (70)-110921, the percent recoveries for chloroethane (71/67), and chloromethane (54/53) were less than the 70-130 control limits, indicating a potential low bias. The reporting limits were qualified estimated (UJ) and is included in Table 3 with reason code MSL.

In the MS/MSD associated with sample ATR-MW-37 (98)-110921, the percent recoveries for chloromethane (51/48) were less than the 70-130 control limits, indicating a potential low bias. The reporting limits were qualified estimated (UJ) and is included in Table 3 with reason code MSL.

In the MS/MSD associated with sample ATR-MW-30 (41.1)-110921, the percent recoveries for chloromethane (41/39) and vinyl chloride (73/67) were less than the 70-130 control limits, indicating a potential low bias. The reporting limits were qualified estimated (J-/UJ) and is included in Table 3 with reason code MSL.

21112058

In the MS/MSD associated with sample ATR-OW6(63)-111721, the percent recoveries for bromomethane (57/57) were less than the 70-130 control limits, indicating a potential low bias. The reporting limits were qualified estimated (UJ) and is included in Table 3 with reason code MSL.

In the MS/MSD associated with sample ATR-MW59(46)-111821, the percent recoveries for chloromethane (57/55) were less than the 70-130 control limits, indicating a potential low bias. The reporting limit was qualified estimated (UJ) and is included in Table 3 with reason code MSL.

Surrogates

21111249

Percent recovery of the surrogate 4-bromofluorobenzene (84) in sample ATR-MW-32 (24.1)-110921 was less than the 85-115 control limits, indicating potential low bias. Cis-1,2-dichloroethene was detected in the associated sample and the reported concentration was qualified as estimated (J-). The remaining analytes were not detected, and the reporting limits were qualified as estimated (UJ). Qualified results are included in Table 3 with reason code SSL.

Reference:

IDEM, 1998. “Guidance to the Performance and Presentation of Analytical Chemistry Data”; Indiana Department of Environmental Monitoring; Technical Waste Assessment, Rev. 1: July 16, 1998.

IDEM, 2012. “Remediation Closure Guide”; Office of Land Quality; Indiana Department of Environmental Management; March 22, 2012, with corrections through July 9, 2012.

AMEC, 2014. “Investigation Work Plan Former TORX Facility 4366 North Old US Rt. 31 Rochester, Indiana”; Appendix N QAPP – Groundwater Data Collection, Sampling, and Analyses; June 2014.

U.S. Environmental Protection Agency (USEPA), 1996. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 -December 1996.

U.S. Environmental Protection Agency (USEPA), 2017. "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Data Review"; Office of Emergency and Remedial Response; EPA-540-/R-2017-002; January 2017.

Data Validator: Casey Cormier

Date: 2/1/2022

Report Reviewed by: Chris Ricardi, NRCC-EAC

Date: 2/15/2022

TABLE 1 - SAMPLE AND ANALYSIS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

						Method	SW8260C
SDG	**Location**	**Field Sample ID**	**Field Sample Date**	**Media**	**Lab Sample ID**	**QC Code**	**Count**
21111249	MW-30(41.1)	ATR-MW-30 (41.1)-110921	11/9/2021	GW	21111249-26A	FS	36
21111249	MW-31(30.9)	ATR-MW-31 (30.9)-110821-1432	11/8/2021	GW	21111249-02A	FS	36
21111249	MW-31(55.5)	ATR-MW-31 (55.5)-110821-1309	11/8/2021	GW	21111249-01A	FS	36
21111249	MW-31(98.5)	ATR-MW-31 (98.5)-110821-1532	11/8/2021	GW	21111249-03A	FS	36
21111249	MW-32(24.1)	ATR-MW-32 (24.1)-110921	11/9/2021	GW	21111249-10A	FS	36
21111249	MW-32(89)	ATR-MW-32 (89)-110921	11/9/2021	GW	21111249-09A	FS	36
21111249	MW-34(37)	ATR-MW-34 (37)-110921	11/9/2021	GW	21111249-15A	FS	36
21111249	MW-34(37)	ATR-MW-34 (37)-110921R	11/9/2021	GW	21111249-16A	FD	36
21111249	MW-34(85)	ATR-MW-34 (85)-110921	11/9/2021	GW	21111249-14A	FS	36
21111249	MW-37(23.3)	ATR-MW-37 (23.3)-110921	11/9/2021	GW	21111249-22A	FS	36
21111249	MW-37(70)	ATR-MW-37 (70)-110921	11/9/2021	GW	21111249-21A	FS	36
21111249	MW-37(98)	ATR-MW-37 (98)-110921	11/9/2021	GW	21111249-20A	FS	36
21111249	MW-38(20.8)	ATR-MW-38 (20.8)-110921	11/9/2021	GW	21111249-25A	FS	36
21111249	MW-38(29.1)	ATR-MW-38 (29.1)-110921	11/9/2021	GW	21111249-24A	FS	36
21111249	MW-38(69.9)	ATR-MW-38 (69.9)-110921	11/9/2021	GW	21111249-23A	FS	36
21111249	MW-39(13)	ATR-MW-39 (13)-110921	11/9/2021	GW	21111249-19A	FS	36
21111249	MW-39(29.3)	ATR-MW-39 (29.3)-110921	11/9/2021	GW	21111249-18A	FS	36
21111249	MW-50(45)	ATR-MW-50 (45)-110921	11/9/2021	GW	21111249-08A	FS	36
21111249	MW-50(80)	ATR-MW-50 (80)-110921	11/9/2021	GW	21111249-07A	FS	36
21111249	MW-51(25)	ATR-MW-51 (25)-110921	11/9/2021	GW	21111249-06A	FS	36
21111249	MW-51(70)	ATR-MW-51 (70)-110921	11/9/2021	GW	21111249-05A	FS	36
21111249	MW-67(30)	ATR-MW-67 (30)-110921	11/9/2021	GW	21111249-13A	FS	36
21111249	MW-71(33)	ATR-MW-71 (33)-110921	11/9/2021	GW	21111249-11A	FS	36
21111249	MW-71(33)	ATR-MW-71 (33)-110921R	11/9/2021	GW	21111249-12A	FD	36
21111249	QC	ATR-EB-001-110821-1544	11/8/2021	BW	21111249-04A	EB	36
21111249	QC	ATR-EB001-110921	11/9/2021	BW	21111249-17A	EB	36
21111249	QC	Trip Blank	11/9/2021	BW	21111249-27A	TB	36
21112058	MW-17	ATR-MW-17-111721	11/17/2021	GW	21112058-06A	FS	36
21112058	MW-19(53)	ATR-MW19(53)-111821	11/18/2021	GW	21112058-17A	FS	36

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TABLE 1 - SAMPLE AND ANALYSIS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

						Method	SW8260C
SDG	**Location**	**Field Sample ID**	**Field Sample Date**	**Media**	**Lab Sample ID**	**QC Code**	**Count**
21112058	MW-20(51)	ATR-MW20(51)-111821	11/18/2021	GW	21112058-18A	FS	36
21112058	MW-25(82)	ATR-MW25(82)-111821	11/18/2021	GW	21112058-15A	FS	36
21112058	MW-29(103.3)	ATR-MW29(103.3)-111821	11/18/2021	GW	21112058-14A	FS	36
21112058	MW-29(82.5)	ATR-MW29(82.5)-111821	11/18/2021	GW	21112058-13A	FS	36
21112058	MW-3	ATR-MW3-111821	11/18/2021	GW	21112058-19A	FS	36
21112058	MW-35(45)	ATR-MW35(45)-111721	11/17/2021	GW	21112058-09A	FS	36
21112058	MW-35(90)	ATR-MW35(90)-111721	11/17/2021	GW	21112058-08A	FS	36
21112058	MW-36(35.2)	ATR-MW36(35.2)-111721	11/17/2021	GW	21112058-11A	FS	36
21112058	MW-36(92.4)	ATR-MW36(92.4)-111821	11/18/2021	GW	21112058-23A	FS	36
21112058	MW-48(159)	ATR-MW48(159)-111721	11/17/2021	GW	21112058-07A	FS	36
21112058	MW-52(55)	ATR-MW52(55)-111821	11/18/2021	GW	21112058-21A	FS	36
21112058	MW-59(46)	ATR-MW59(46)-111821	11/18/2021	GW	21112058-22A	FS	36
21112058	MW-60(38)	ATR-MW60(38)-111821	11/18/2021	GW	21112058-20A	FS	36
21112058	MW-84(44)	ATR-MW84(44)-111821	11/18/2021	GW	21112058-12A	FS	36
21112058	OW-06(38)	ATR-OW6(38)-111721	11/17/2021	GW	21112058-03A	FS	36
21112058	OW-06(38)	ATR-OW6(38)-111721R	11/17/2021	GW	21112058-04A	FD	36
21112058	OW-06(63)	ATR-OW6(63)-111721	11/17/2021	GW	21112058-05A	FS	36
21112058	QC	ATR-EB001-111721	11/17/2021	BW	21112058-10A	EB	36
21112058	QC	ATR-EB001-111821	11/18/2021	BW	21112058-16A	EB	36
21112058	QC	ATR-FB001-111721	11/17/2021	BW	21112058-02A	FB	36
21112058	QC	Trip Blank	11/17/2021	BW	21112058-01A	TB	36

Notes:
BW = blank water
EB = equipment blank
FD = field duplicate
FS = field sample
GW = groundwater
TB = trip blank

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TABLE 2 - QC LIMITS
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

PARAMETER	QC TEST	ANALYTE	WATER (%)	WATER RPD
Volatiles	**Surrogate**	All Surrogates(1)	85 - 115	
	LCS	All Target Compounds	70 - 130	
	MS/MSD	All Target Compounds	70 - 130	20(2)
	Field Duplicates	All Target Compounds		25(3)

Notes:
LCS - Laboratory Control Sample
MS/MSD - Matrix Spike/ Matrix Spike Duplicate
(1) Project-specific limits for surrogate recovery review/validation are established based on subcontract laboratory and Indiana Department of Environmental Management (IDEM) recommended control limits. The project limits are used for evaluation of recovery for all surrogates during data validation.
(2) Both results are > 5X the sample quantitation limit (SQL). For aqueous results < 5X the SQL use ± SQL value. For solid media (soil and sediment) use ± 2X SQL value.
(3) Both results are > 5X the SQL. For aqueous results < 5X the SQL use ± 1.5X SQL value. For solid media (soil and sediment) use ± 2.5X SQL value.

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Analysis Method	Lab Sample ID	Sample Date	Field Sample ID	Parameter Name	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
21111249	SW8260C	21111249-05A	11/9/2021	ATR-MW-51 (70)-110921	Chloroethane	1	U	1	UJ	MSL	UG/L
21111249	SW8260C	21111249-05A	11/9/2021	ATR-MW-51 (70)-110921	Chloromethane	1	U	1	UJ	MSL	UG/L
21111249	SW8260C	21111249-05A	11/9/2021	ATR-MW-51 (70)-110921	Vinyl chloride	1.7		1.7	J	CCV%D	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	1,1,1-Trichloroethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	1,1,2,2-Tetrachloroethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	1,1,2-Trichloroethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	1,1-Dichloroethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	1,1-Dichloroethene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	1,2-Dichloroethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	1,2-Dichloropropane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	2-Butanone	5	U	5	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	2-Hexanone	5	U	5	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	4-Methyl-2-pentanone	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Acetone	10	U	10	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Benzene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Bromodichloromethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Bromoform	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Bromomethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Carbon disulfide	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Carbon tetrachloride	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Chlorobenzene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Chloroethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Chloroform	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Chloromethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	cis-1,2-Dichloroethene	1.3		1.3	J-	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	cis-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Dibromochloromethane	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Ethylbenzene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Methylene chloride	5	U	5	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Styrene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Tetrachloroethene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Toluene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	trans-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	trans-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Trichloroethene	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Vinyl chloride	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Xylene, o	1	U	1	UJ	SSL	UG/L
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Xylenes (m&p)	2	U	2	UJ	SSL	UG/L

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TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Analysis Method	Lab Sample ID	Sample Date	Field Sample ID	Parameter Name	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
21111249	SW8260C	21111249-10A	11/9/2021	ATR-MW-32 (24.1)-110921	Xylenes, Total	3	U	3	UJ	SSL	UG/L
21111249	SW8260C	21111249-11A	11/9/2021	ATR-MW-71 (33)-110921	Acetone	12		12	U	BL2	UG/L
21111249	SW8260C	21111249-18A	11/9/2021	ATR-MW-39 (29.3)-110921	Chloromethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-18A	11/9/2021	ATR-MW-39 (29.3)-110921	Vinyl chloride	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-19A	11/9/2021	ATR-MW-39 (13)-110921	Chloromethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-19A	11/9/2021	ATR-MW-39 (13)-110921	Vinyl chloride	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-20A	11/9/2021	ATR-MW-37 (98)-110921	Chloromethane	1	U	1	UJ	LCSL, MSL	UG/L
21111249	SW8260C	21111249-20A	11/9/2021	ATR-MW-37 (98)-110921	cis-1,3-Dichloropropene	1	U	1	UJ	CCV%D	UG/L
21111249	SW8260C	21111249-20A	11/9/2021	ATR-MW-37 (98)-110921	trans-1,3-Dichloropropene	1	U	1	UJ	CCV%D	UG/L
21111249	SW8260C	21111249-20A	11/9/2021	ATR-MW-37 (98)-110921	Vinyl chloride	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-21A	11/9/2021	ATR-MW-37 (70)-110921	Chloromethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-21A	11/9/2021	ATR-MW-37 (70)-110921	Vinyl chloride	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-22A	11/9/2021	ATR-MW-37 (23.3)-110921	Chloroethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-22A	11/9/2021	ATR-MW-37 (23.3)-110921	Chloromethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-23A	11/9/2021	ATR-MW-38 (69.9)-110921	Chloroethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-23A	11/9/2021	ATR-MW-38 (69.9)-110921	Chloromethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-24A	11/9/2021	ATR-MW-38 (29.1)-110921	Chloroethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-24A	11/9/2021	ATR-MW-38 (29.1)-110921	Chloromethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-25A	11/9/2021	ATR-MW-38 (20.8)-110921	Chloroethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-25A	11/9/2021	ATR-MW-38 (20.8)-110921	Chloromethane	1.1		1	UJ	BL2, LCSL	UG/L
21111249	SW8260C	21111249-26A	11/9/2021	ATR-MW-30 (41.1)-110921	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
21111249	SW8260C	21111249-26A	11/9/2021	ATR-MW-30 (41.1)-110921	4-Methyl-2-pentanone	1	U	1	UJ	CCV%D	UG/L
21111249	SW8260C	21111249-26A	11/9/2021	ATR-MW-30 (41.1)-110921	Chloroethane	1	U	1	UJ	LCSL	UG/L
21111249	SW8260C	21111249-26A	11/9/2021	ATR-MW-30 (41.1)-110921	Chloromethane	1	U	1	UJ	LCSL, MSL	UG/L
21111249	SW8260C	21111249-26A	11/9/2021	ATR-MW-30 (41.1)-110921	cis-1,3-Dichloropropene	1	U	1	UJ	CCV%D	UG/L
21111249	SW8260C	21111249-26A	11/9/2021	ATR-MW-30 (41.1)-110921	trans-1,3-Dichloropropene	1	U	1	UJ	CCV%D	UG/L
21111249	SW8260C	21111249-26A	11/9/2021	ATR-MW-30 (41.1)-110921	Vinyl chloride	20		20	J-	MSL	UG/L
21112058	SW8260C	21112058-03A	11/17/2021	ATR-OW6(38)-111721	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-03A	11/17/2021	ATR-OW6(38)-111721	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-04A	11/17/2021	ATR-OW6(38)-111721R	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-04A	11/17/2021	ATR-OW6(38)-111721R	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-05A	11/17/2021	ATR-OW6(63)-111721	Bromomethane	1	U	1	UJ	LCSL, MSL	UG/L
21112058	SW8260C	21112058-05A	11/17/2021	ATR-OW6(63)-111721	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-06A	11/17/2021	ATR-MW-17-111721	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-06A	11/17/2021	ATR-MW-17-111721	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-07A	11/17/2021	ATR-MW48(159)-111721	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-07A	11/17/2021	ATR-MW48(159)-111721	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-08A	11/17/2021	ATR-MW35(90)-111721	Bromomethane	1	U	1	UJ	LCSL	UG/L

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Analysis Method	Lab Sample ID	Sample Date	Field Sample ID	Parameter Name	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
21112058	SW8260C	21112058-08A	11/17/2021	ATR-MW35(90)-111721	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-09A	11/17/2021	ATR-MW35(45)-111721	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-09A	11/17/2021	ATR-MW35(45)-111721	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-11A	11/17/2021	ATR-MW36(35.2)-111721	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-11A	11/17/2021	ATR-MW36(35.2)-111721	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-12A	11/18/2021	ATR-MW84(44)-111821	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-12A	11/18/2021	ATR-MW84(44)-111821	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-13A	11/18/2021	ATR-MW29(82.5)-111821	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-13A	11/18/2021	ATR-MW29(82.5)-111821	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-14A	11/18/2021	ATR-MW29(103.3)-111821	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-14A	11/18/2021	ATR-MW29(103.3)-111821	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-15A	11/18/2021	ATR-MW25(82)-111821	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-15A	11/18/2021	ATR-MW25(82)-111821	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-17A	11/18/2021	ATR-MW19(53)-111821	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-17A	11/18/2021	ATR-MW19(53)-111821	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-18A	11/18/2021	ATR-MW20(51)-111821	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-18A	11/18/2021	ATR-MW20(51)-111821	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-19A	11/18/2021	ATR-MW3-111821	Bromomethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-19A	11/18/2021	ATR-MW3-111821	Chloromethane	1	U	1	UJ	LCSL	UG/L
21112058	SW8260C	21112058-20A	11/18/2021	ATR-MW60(38)-111821	Bromomethane	2	U	2	UJ	LCSL	UG/L
21112058	SW8260C	21112058-20A	11/18/2021	ATR-MW60(38)-111821	Chloromethane	2	U	2	UJ	LCSL	UG/L
21112058	SW8260C	21112058-22A	11/18/2021	ATR-MW59(46)-111821	Chloromethane	50	U	50	UJ	LCSL, MSL	UG/L

Notes:

BL2 = Field blank qualifer

CCV%D = Continuing calibration verification percent difference exceeds goal

LCSL = Lab control sample recovery low

MSL = Matrix spike and/or matrix spike duplicate recovery low

SSL = Surrogate recovery low

J = Value is estimated

J- = value is estimated biased low

UJ = Not detected, estimated

UG/L = microgram per liter

Created by: WCG 2/1/2022
Checked by: CLC 2/1/2022

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21111249		21111249		21111249		21111249		21111249	
		Location:	MW-30(41.1)		MW-31(30.9)		MW-31(55.5)		MW-31(98.5)		MW-32(24.1)	
		Date Collected:	11/9/2021		11/8/2021		11/8/2021		11/8/2021		11/9/2021	
		Field Sample ID:	ATR-MW-30 (41.1)-110921		ATR-MW-31 (30.9)-110821-1432		ATR-MW-31 (55.5)-110821-1309		ATR-MW-31 (98.5)-110821-1532		ATR-MW-32 (24.1)-110921	
		Type:	FS		FS		FS		FS		FS	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	UJ
SW8260C	UG/L	2-Hexanone	5	UJ	5	U	5	U	5	U	5	UJ
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	UJ
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Chloroethane	1	UJ	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Chloromethane	1	UJ	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	cis-1,2-Dichloroethene	160		1	U	1	U	1	U	1.3	J-
SW8260C	UG/L	cis-1,3-Dichloropropene	1	UJ	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	UJ
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	trans-1,2-Dichloroethene	2.2		1	U	1	U	1	U	1	UJ
SW8260C	UG/L	trans-1,3-Dichloropropene	1	UJ	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Trichloroethene	17		1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Vinyl chloride	20	J-	1	U	1	U	2.5		1	UJ
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	UJ
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	UJ

Notes:

U = not detected, value is the detection limit
J = value is estimated
J- = estimated value biased low
R = result is rejected an unusable
UG/L = microgram per liter
FS = Field Sample
FD = Field Duplicate
TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21111249		21111249		21111249		21111249		21111249	
		Location:	MW-32(89)		MW-34(37)		MW-34(37)		MW-34(85)		MW-37(23.3)	
		Date Collected:	11/9/2021		11/9/2021		11/9/2021		11/9/2021		11/9/2021	
		Field Sample ID:	ATR-MW-32 (89)-110921		ATR-MW-34 (37)-110921		ATR-MW-34 (37)-110921R		ATR-MW-34 (85)-110921		ATR-MW-37 (23.3)-110921	
		Type:	FS		FS		FD		FS		FS	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	16		1	U
SW8260C	UG/L	Vinyl chloride	13		1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U

Notes:
U = not detected, value is the detection limit
J = value is estimated
J- = estimated value biased low
R = result is rejected an unusable

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21111249		21111249		21111249		21111249		21111249	
		Location:	MW-37(70)		MW-37(98)		MW-38(20.8)		MW-38(29.1)		MW-38(69.9)	
		Date Collected:	11/9/2021		11/9/2021		11/9/2021		11/9/2021		11/9/2021	
		Field Sample ID:	ATR-MW-37 (70)-110921		ATR-MW-37 (98)-110921		ATR-MW-38 (20.8)-110921		ATR-MW-38 (29.1)-110921		ATR-MW-38 (69.9)-110921	
		Type:	FS		FS		FS		FS		FS	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	UJ	1	UJ	1.1	UJ	1	UJ	1	UJ
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	UJ	1	UJ	1	U	1	U	3.9	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U

Notes:
U = not detected, value is the detection limit
J = value is estimated
J- = estimated value biased low
R = result is rejected an unusable

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21111249		21111249		21111249		21111249		21111249	
		Location:	MW-39(13)		MW-39(29.3)		MW-50(45)		MW-50(80)		MW-51(25)	
		Date Collected:	11/9/2021		11/9/2021		11/9/2021		11/9/2021		11/9/2021	
		Field Sample ID:	ATR-MW-39 (13)-110921		ATR-MW-39 (29.3)-110921		ATR-MW-50 (45)-110921		ATR-MW-50 (80)-110921		ATR-MW-51 (25)-110921	
		Type:	FS		FS		FS		FS		FS	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U

Notes:
U = not detected, value is the detection limit
J = value is estimated
J- = estimated value biased low
R = result is rejected an unusable

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21111249		21111249		21111249		21111249		21111249	
		Location:	MW-51(70)		MW-67(30)		MW-71(33)		MW-71(33)		QC	
		Date Collected:	11/9/2021		11/9/2021		11/9/2021		11/9/2021		11/8/2021	
		Field Sample ID:	ATR-MW-51 (70)-110921		ATR-MW-67 (30)-110921		ATR-MW-71 (33)-110921		ATR-MW-71 (33)-110921R		ATR-EB-001-110821-1544	
		Type:	FS		FS		FS		FD		EB	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	12	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	UJ	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	UJ	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1.2		1.1		1		1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1.7	J	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U

Notes:
U = not detected, value is the detection limit
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21111249		21111249		21112058		21112058		21112058	
		Location:	QC		QC		MW-17		MW-19(53)		MW-20(51)	
		Date Collected:	11/9/2021		11/9/2021		11/17/2021		11/18/2021		11/18/2021	
		Field Sample ID:	Trip Blank		ATR-EB001-110921		ATR-MW-17-111721		ATR-MW19(53)-111821		ATR-MW20(51)-111821	
		Type:	TB		EB		FS		FS		FS	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	38		10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1.4		1	U	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	11		19		1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	15		1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	2		16		1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U

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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21112058		21112058		21112058		21112058		21112058	
		Location:	MW-25(82)		MW-29(103.3)		MW-29(82.5)		MW-3		MW-35(45)	
		Date Collected:	11/18/2021		11/18/2021		11/18/2021		11/18/2021		11/17/2021	
		Field Sample ID:	ATR-MW25(82)-111821		ATR-MW29(103.3)-111821		ATR-MW29(82.5)-111821		ATR-MW3-111821		ATR-MW35(45)-111721	
		Type:	FS		FS		FS		FS		FS	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	cis-1,2-Dichloroethene	1.3		1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	3		1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U

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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21112058		21112058		21112058		21112058		21112058	
		Location:	MW-35(90)		MW-36(35.2)		MW-36(92.4)		MW-48(159)		MW-52(55)	
		Date Collected:	11/17/2021		11/17/2021		11/18/2021		11/17/2021		11/18/2021	
		Field Sample ID:	ATR-MW35(90)-111721		ATR-MW36(35.2)-111721		ATR-MW36(92.4)-111821		ATR-MW48(159)-111721		ATR-MW52(55)-111821	
		Type:	FS		FS		FS		FS		FS	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	U	1	UJ	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	UJ	1	UJ	1	U	1	UJ	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	5.1		1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U

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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21112058		21112058		21112058		21112058		21112058	
		Location:	MW-59(46)		MW-60(38)		MW-84(44)		OW-06(38)		OW-06(38)	
		Date Collected:	11/18/2021		11/18/2021		11/18/2021		11/17/2021		11/17/2021	
		Field Sample ID:	ATR-MW59(46)-111821		ATR-MW60(38)-111821		ATR-MW84(44)-111821		ATR-OW6(38)-111721		ATR-OW6(38)-111721R	
		Type:	FS		FS		FS		FS		FS	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	130		2.5		1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	250	U	10	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	250	U	10	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	500	U	20	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	50	U	2	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	50	UJ	2	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	cis-1,2-Dichloroethene	5900		440		1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	250	U	10	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	4100		2	U	2.1		1	U	1	U
SW8260C	UG/L	Vinyl chloride	620		280		1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	50	U	2	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	100	U	4	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	150	U	6	U	3	U	3	U	3	U

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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
NOVEMBER 2021 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	21112058		21112058		21112058		21112058		21112058	
		Location:	OW-06(63)		QC		QC		QC		QC	
		Date Collected:	11/17/2021		11/17/2021		11/17/2021		11/17/2021		11/18/2021	
		Field Sample ID:	ATR-OW6(63)-111721		Trip Blank		ATR-FB001-111721		ATR-EB001-111721		ATR-EB001-111821	
		Type:	FD		TB		FB		EB		EB	
Method	**Unit**	**Parameter**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	46		10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	UJ	2.1		1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U

Notes:
U = not detected, value is the detection limit
J = value is estimated
J- = estimated value biased low
R = result is rejected an unusable