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23 December 2019

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

**RE: Report of 2019 Annual Groundwater Monitoring at the TORX Facility
4366 North Old US Highway 31, Rochester, Indiana
Facility Cleanup ID 7100149
Wood Project Number 3359-15-1040**


Dear Mr. Keller:


Enclosed is the *Report of 2019 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 August 2019. The report presents the results of the groundwater monitoring performed in accordance with our *Remediation Work Plan* dated 24 June 2014.

The full-scale remedial actions described in the Remediation Work Plan has reduced the contaminant mass in the source area and down gradient of the source area. The performance groundwater monitoring events have demonstrated this reduction in contaminant mass. In 2019 we transitioned into the Stability Assessment Groundwater monitoring phase of the project. Based on the groundwater stability monitoring data collected through August 2019, the contaminant mass has not shown rebound. The Third Stability Groundwater Monitoring Report will be submitted to your office in the near future.

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
2019 ANNUAL GROUNDWATER
MONITORING**

**TORX FACILITY
ROCHESTER, INDIANA**

Prepared for:

Textron, Inc.

Prepared by:

**Wood Environment & Infrastructure Solutions, Inc.
Miamisburg, Ohio**

December 2019

Project No.: 3359-15-1040

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

CVOCs	chlorinated volatile organic compounds
DCE	Dichloroethene
ERD	Enhanced Reductive Dechlorination
IDEM	Indiana Department of Environmental Management
MCLs	Maximum Contaminant Levels
RCG	Remediation Closure Guide
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 August 2019 at and in the vicinity of the former TORX Facility (now operated 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 has 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 will continue through the end of 2020.

A larger subset of approximately 92 monitoring wells are sampled annually for VOCs in order to evaluate remediation progress. Details of the monitoring well selection are provided in Section 2.1. A summary of the remediation activities and groundwater monitoring conducted at the Site are provided in previously submitted reports on file with the Indiana Department of Environmental Management (IDEM).

1.2 Annual Groundwater Monitoring Objectives

The objectives of the annual groundwater monitoring include; an evaluation of flow direction in the groundwater units, an assessment of the concentrations of CVOCs in groundwater from a subset of monitoring wells, and, identification any significant changes since the 2018 annual groundwater monitoring event. In addition to fulfilling these objectives, the groundwater monitoring results provide data for use in evaluating remediation progress following implementation of the RWP. The RWP was approved by IDEM with comments for implementation on 31 October 2014.

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 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 450N southward to near the Tippecanoe River. A subset of wells in the network was selected for routine monitoring. 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 a list of monitoring wells gauged for depth to water to determine groundwater elevations. **Table 3** presents 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 12 August 2019, prior to commencing groundwater monitoring, the depth to groundwater was measured in the monitoring well network listed in **Table 3**. Groundwater elevations were calculated using the monitoring well casing elevations previously determined by a registered surveyor.

Groundwater and surface water elevations for the 2010 through 2019 monitoring events are summarized in **Table 2**. Using the calculated water elevations for 12 August 2019, groundwater contour maps were prepared for the shallow overburden wells (**Figure 2**), intermediate depth overburden wells (**Figure 3**), deep overburden wells (**Figure 4**), and bedrock wells (**Figure 5**). Groundwater contour maps of remediation areas were prepared for the shallow overburden zone (**Figure 6**) and intermediate overburden zone (**Figure 7**). The list of monitoring wells used for groundwater contour mapping is consistent with **Table 3**, with the following exceptions:

- Depth to water measurements at wells OW-3(35) and OW-3(55) were not collected on 12 August 2019. Water levels were collected several days later prior to the purging and sampling activities as a part of the stability monitoring event.

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, and by the time 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-southeastward in the area east of North Old US Highway 31 and southward in the area west of North Old US Highway 31.
- Deep overburden - In the deep overburden zone, groundwater flow is predominantly southward.
- Bedrock - Groundwater flow in the Site bedrock aquifer appears to be generally to the east-southeast in the vicinity of Western pond and appears to flow south to southwest in the area south of Western Pond.

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

2.3 Groundwater Monitoring Procedures

Between 12 August 2019 and 22 August 2019, groundwater samples were collected from 91 monitoring wells screened in the overburden aquifer and from one monitoring well screened in the bedrock aquifer. The wells that were sampled include the annual groundwater monitoring well network identified in **Table 1**. Copies of all sample collection forms are presented in **Appendix A**.

Most of the monitoring wells in the network are 2-inch diameter and were purged and sampled using a low-flow bladder pump. Prior to collection of these samples, groundwater was purged from the wells using standard low-flow procedures. Groundwater field parameters including pH, temperature, conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity were measured approximately every 5 minutes until at least three sequential readings showed stabilization of groundwater field parameters. Upon achieving stabilization, groundwater samples were collected directly from the pump discharge tubing.

The 1.5-inch diameter monitoring wells located inside the Acument Facility and the 1-inch monitoring wells located east of North Old US Highway 31 were purged and sampled using disposable 0.75-inch diameter polyvinyl chloride bailers. Prior to sample collection, at least three well 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 wash, potable water rinse, and distilled water rinse. Disposable tubing and bailers were used for certain wells. 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 2018 monitoring event while a few wells have increased VOC concentrations relative to the 2018 monitoring event. The results of the VOC analyses are summarized in **Table 4**, and the laboratory reports along with the data validation report are included in **Appendix B**. **Figure 8** shows VOC concentrations detected in the groundwater samples collected during the 2019 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 2019 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 MCLs include trans-1-2-DCE, chlorobenzene, acetone, chloroethane, ethylbenzene, toluene, carbon disulfide, 2-butanone, chloromethane, and xylenes.

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 following lists the maximum CVOC concentrations detected for each chemical of concern associated with the Site.

- TCE: 42 micrograms per liter ($\mu\text{g/L}$) in sample MW-30(41.1), down from the 2018 maximum of 70 $\mu\text{g/L}$ detected at MW-17 and now at a historical low concentration.
- 1,1-DCE: 41 micrograms per liter ($\mu\text{g/L}$) in sample MW-59(46), up from 2018 where all samples were below the laboratory reporting limit.
- Cis-1,2-DCE: 1,200 $\mu\text{g/L}$ in sample MW-59(46), down from the 2018 maximum of 2,700 $\mu\text{g/L}$ at PM-3.

- Trans-1,2-DCE: 16 µg/L in sample MW-59(46), up from the 2018 maximum of 3.9 µg/L µg/L at MW-81(27).
- Vinyl chloride: 1,600 µg/L in sample MW-59(46), down from the 2018 maximum of 22,000 µg/L at PM-3.

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 August 2019 samples from five wells: MW-17, MW-27(75.4), MW-30(41.1), MW-34(85), and MW-57(38). Trans-1,2-DCE was not detected above the USEPA MCL and IDEM RSL in the August 2019 samples. 1,1-DCE was only detected above the USEPA MCL and IDEM RSL in the August 2019 samples from well MW-59(46). The maximum vinyl chloride concentrations were detected in the source area, west of the Acument site building and east of the Western Pond.

In general, contaminant concentrations have significantly decreased when compared to previous sampling events. The following observations are noted in the analytical results for groundwater samples collected in August 2019 relative to the prior annual sampling event:

- TCE is at historical lows in MW-17 at the downgradient treatment boundary and in MW-30(41.1) further downgradient. The historical low TCE in MW-30(41.1) suggests effects from the CVOC reduction within the treatment area over the last three 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 stable for several years. It is also notable that TCE did not rebound in 2019 in any well in which it had previously significantly declined. The TCE results demonstrate that the parent compound has been significantly reduced and is stable.
- Cis-1,2-DCE decreased to below the MCL of 70 µg/L in source area wells MW-56(50), MW-6C, MW-67(30) and MW-68(32). Cis-1,2-DCE decreased to below the laboratory reporting limits in downgradient well MW-24(55.4) and decreased to below the MCL in downgradient well MW-27(75.4). Cis-1,2-DCE concentrations remained relatively stable and below the MCL in upgradient and downgradient wells MW-55(49), MW-57(38), MW-25(82), and MW-32(24.1).
- Trans-1,2-DCE was detected in three monitoring wells, MW-59(46), MW-60(38) and MW-30(41.1). This is historically the first detection of Trans-1,2- DCE in MW-60(38) and the first detection since 2015 in MW-59(46). Trans-1,2-DCE detections were below the USEPA MCL in all wells sampled in 2019.

- 1,1-DCE was detected above the USEPA MCL of 7.0 ug/L in source area monitoring well MW-59(46) for the first time since 2015 and at a historical high concentration of 41 µg/L. 1,1-DCE was detected in MW-60(38) for the first time at a concentration below the USEPA MCL. Both wells were below the laboratory reporting limits for 1,1-DCE in 2018.
- Vinyl chloride decreased to below the USEPA MCL of 2.0 ug/L in source area monitoring wells MW-3, MW-24(55.4), MW-27(75.4), MW-56(50), MW-59(29), MW-67(30), MW-71(33) and MW-81(27). Notably, vinyl chloride was below the laboratory reporting limits in MW-81(27) for the first time and decreased from a concentration of 3,000 µg/L to non detect in MW-71(33). Vinyl chloride decreased in source area monitoring wells MW6C, MW-68(32) and MW-76(30) but remained above the USEPA MCL. Vinyl chloride decreased in down gradient monitoring wells to below the USEPA MCL or below the laboratory reporting limits in MW-11 and MW-48(159). Vinyl chloride remained relatively stable and slightly above the USEPA MCL in downgradient monitoring wells MW-19(53), MW-25(82), MW-27(104.2), MW-30(41.1), MW-32(89), and MW-38(69.9).
- Vinyl chloride increased and was detected at concentrations above the USEPA MCL in monitoring wells MW-89(28), MW-59(46), MW-60(38) and MW-35(90). Vinyl chloride increased significantly in source area well MW-59(46) to a historical high of 1,600 µg/L. Vinyl chloride increased but remained below the USEPA MCL in monitoring wells MW-62(36), MW-72(32), MW-14, MW-17, MW-50(45), MW-51(70) and MW-34(110). Vinyl chloride was detected for the first time since 2017 slightly above the USEPA MCL in downgradient well MW-35(90) 2.3 µg/L.

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-51(70) at a concentration of 1.2 µg/L.
- Vinyl chloride was detected in the groundwater sample collected from sentinel well MW-50(45) at a concentration of 1.3 µg/L.
- Vinyl chloride was detected in the groundwater sample collected from sentinel well MW-38(69.9) at a concentration of 2.4 µg/L.

- Vinyl chloride was detected in the groundwater sample collected from sentinel well MW-35(90) at a concentration of 2.3 µg/L.
- Cis-1,2-DCE was detected from groundwater samples from wells MW-50(45) and MW-50(80) at concentrations of 1.4 and 1.2 µg/L, respectively.

The vinyl chloride detections in MW-51(70) and MW-50(45) are below the USEPA MCL of 2.0 µg/L whereas the vinyl chloride detection in MW-38(69.9) slightly exceeds the limit for the second year in a row after previously being below the laboratory reporting limits. After being reported below the laboratory reporting limits in 2018, vinyl chloride was detected in MW-35(90) slightly above the USEPA MCL at 2.3 µg/L. The cis-1,2-DCE detections in MW-50(45) and MW-50(80) are significantly lower than the MCL of 70 µg/L.

Groundwater samples collected from the deep overburden sentinel wells [MW-29(132.8), MW-35(148), MW-36(124.5), MW-37(98), MW-38(102.5) and MW-39(76.8)] did not contain chlorinated VOCs above the laboratory reporting limits.

3.2 VOCs in the Bedrock Aquifer

VOCs were not detected in the groundwater samples collected from the bedrock monitoring well MW-45(185), consistent with historical results for this well.

3.3 Quality Control Sample Results

The data validation report 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 4**. 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:

- As a result of acetone detection above the method detection limit but below the reporting limit in the trip blank, acetone detections in the same range were qualified non-detect (U). With the exception of samples, ATR-OW6(63)-G082119 and ATR-OW6(63)-G082119R, acetone was not detected in the associated samples and reporting limits were qualified non-detect in ATR-OW6(63)-G082119 and ATR-OW6(63)-G082119R.
- Exceedances of greater than 20% calibration differences were noted for carbon disulfide, 2-hexanone, bromomethane, vinyl chloride, chloroethane, 1,1,2,2-tetrachloroethane and 4-

methyl-2-pentanone. These VOCs were not detected in the associated samples and reporting limits were qualified estimated (UJ).

- Percent recovery of carbon disulfide in the laboratory control sample was greater than the upper control limit of 130. Carbon disulfide was only detected in samples ATR-MW71(33)-G082219 and reporting limits were qualified estimated (J).
- MS/MSD percent recoveries for several compounds including 2-hexanone, bromoform, dibromochloromethane, trans-1,3-dichloropropene and vinyl chloride were outside the QAPP control limits for a subset of results. Percent recoveries for 2-hexanone, bromoform, dibromochloromethane and trans-1,3-dichloropropene were less than the control limits of 70-130, indicated potential low bias. Reporting limits were qualified estimated (UJ). In the MS/MSD associated with sample ATR-MW60(38)-G081319, percent recovery for vinyl chloride was greater than the 70 to 130 control limits, and results for vinyl chloride were qualified estimated with a potential high bias (J+). The MS/MSD associated with sample ATR-MW71(33)-G082219 had a relative difference for carbon disulfide that exceeded precision goals and the result is qualified as estimated (J).
- Percent recovery of surrogate 1,2-dichloroethane-d4 in samples ATR-MW39(76.7)-G081319, ATR-MW39(29.3)-G081319 and ATR-MW39(13)-G081319 were less than the 85-115 control limit and reporting limits were qualified estimated (UJ).

In accordance with the Quality Assurance Project Plan, one equipment blank was collected per day from each sampling pump, 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.

VOCs were not detected in the equipment blank samples, trip blank samples, or the field blank sample.

4.0 Conclusions

Groundwater flow in the water-bearing units as determined based upon the 12 August 2019 depth to water measurements is generally consistent with previous monitoring events. The full-scale remedial actions are effectively reducing 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 and is stable. The vinyl chloride and cis-1,2-DCE results demonstrate that these degradation products have been reduced significantly both in the source area and downgradient plume.

Vinyl chloride was detected in sentinel well MW-38(69.9) and MW-35(90) at a concentration of 2.4 and 2.3 µg/L, respectively, which slightly exceeds the MCL of 2.0 µg/L. Vinyl chloride was also detected for the first time historically in MW-51(70) at a concentration of 1.2 µg/L and for the first time since 2015 in MW-50(45) at 1.3 µg/L. The present slight exceedance will be evaluated during ongoing stability monitoring as well as the 2020 annual groundwater sampling event. We note that all properties with exceedances of IDEM criteria are connected to a municipal water source supplied by the South Richland Conservancy District.

Based upon the results of the 2019 annual groundwater monitoring event, the existing monitoring well network continues to provide an adequate definition of the VOC plume at the Site. The VOC plume appears to be generally stable based on the overall decrease in VOC concentrations from prior years, both within the source area and downgradient plume. The groundwater monitoring results will be used for evaluating remediation progress as stability monitoring of the Remediation Work Plan continues through 2020.



Textron, Inc.
TORX Facility Remediation
Report of 2019 Annual Groundwater Monitoring

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-31(30.9)	MW52(55)
MW-3	MW-31(55.5)	MW52(148)
MW-6C	MW-31(98.5)	MW53(41)
MW-9B	MW-31(139.2)	MW55(49)
MW-9C	MW-32(24.1)	MW56(50)
MW-11	MW-32(89)	MW57(38)
MW-12	MW-32(110)	MW59(29)
MW-13	MW-34(37)	MW59(46)
MW-14	MW-34(85)	MW60(38)
MW-15	MW-34(110)	MW62(36)
MW-16	MW-35(45)	MW65(32)
MW-17	MW-35(90)	MW67(30)
MW-19(53)	MW-35(148)	MW68(32)
MW-20(35)	MW-36(35.2)	MW71(33)
MW-20(51)	MW-36(92.4)	MW72(32)
MW-20(124)	MW-36(124.5)	MW75(32)
MW-20(155)	MW-37(23.3)	MW76(30)
MW-24(55.4)	MW-37(70)	MW77(41)
MW-25(16.4)	MW-37(98)	MW78(35)
MW-25(32.6)	MW-38(20.8)	MW79(30)
MW-25(82)	MW-38(29.1)	MW81(27)
MW-26(17.5)	MW-38(69.9)	MW82(58)
MW-26(28.8)	MW-38(102.5)	MW83(64)
MW-26(58.2)	MW-39(13)	MW84(44)
MW-27(18)	MW-39(29.3)	MW84(65)
MW-27(53.05)	MW-39(76.8)	MW85(39)
MW-27(75.4)	MW-45 (185)	MW85(130)
MW-27(104.2)	MW48(159)	MW89(28)
MW-29(82.5)	MW50(45)	
MW-29(103.3)	MW50(80)	
MW-29(132.8)	MW51(25)	
MW-30(41.1)	MW51(70)	

Prepared By: RH
Checked By: PJS

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-1	S	04/05/10	840.48	38.25	802.23
		08/02/10		37.76	802.72
		12/06/10		39.18	801.30
		03/21/11		39.58	800.90
		09/19/11		38.27	802.21
		04/09/12		37.51	802.97
		12/17/12		39.91	800.57
		03/04/13		40.21	800.27
		04/29/13		39.05	801.43
		06/16/14		37.81	802.67
		06/30/15		33.45	807.03
		06/13/16		38.38	802.10
		06/05/17		38.70	801.78
		07/16/18		38.34	802.14
		08/12/19		38.15	802.33
MW-2	S	04/05/10	823.13	35.21	787.92
		08/02/10		35.04	788.09
		12/06/10		36.48	786.65
		03/21/11		36.13	787.00
		09/19/11		36.13	787.00
		04/09/12		44.63	778.50
		12/17/12		37.61	785.52
		03/04/13		37.31	785.82
		04/29/13		35.48	787.65
		06/16/14		35.44	787.69
		06/30/15		35.23	787.90
		06/13/16		36.05	787.08
		06/05/17		35.66	787.47
		07/16/18		35.96	787.17
		08/12/19		35.95	787.18
MW-3	S	04/05/10	805.45	19.81	785.64
		08/02/10		19.71	785.74
		12/06/10		20.88	784.57
		03/21/11		20.67	784.78
		09/19/11		20.36	785.09
		04/09/12		20.45	785.00
		12/17/12		21.78	783.67
		03/04/13		21.72	783.73
		04/29/13		20.61	784.84
		06/16/14		19.99	785.46
		06/30/15		20.08	785.37
		02/22/16		21.12	784.33
		06/13/16		20.30	785.15
		06/05/17		21.15	784.30
		07/16/18		20.18	785.27
08/12/19	20.16	785.29			
MW-4	S	04/05/10	808.42	21.58	786.84
		08/02/10		21.29	787.13
		12/06/10		23.04	785.38
		03/21/11		22.68	785.74
		09/19/11		22.38	786.04
		04/09/12		20.95	787.47
		12/17/12		23.93	784.49
		03/04/13		23.82	784.60

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-5	S	04/29/13	807.89	22.70	785.72
		06/16/14		21.65	786.77
		06/30/15		21.91	786.51
		06/13/16		22.09	786.33
		06/05/17		21.94	786.48
		07/16/18		22.19	786.23
		08/12/19		22.12	786.30
		04/05/10		19.80	788.09
		08/02/10		19.63	788.26
		12/06/10		19.62	788.27
		03/21/11		20.74	787.15
		09/19/11		20.77	787.12
		04/09/12		19.18	788.71
		12/17/12		22.21	785.68
		03/04/13		21.99	785.90
		04/29/13		20.10	787.79
06/16/14	20.01	787.88			
06/30/15	19.82	788.07			
06/13/16	21.66	786.23			
06/05/17	20.26	787.63			
07/16/18	20.56	787.33			
08/12/19	20.61	787.28			
MW-6B	I	04/05/10	810.49	26.92	783.57
		08/02/10	812.50	26.79	785.71
		12/06/10		25.88	786.62
		03/21/11		28.05	784.45
		09/19/11		27.46	785.04
		04/09/12		26.42	786.08
		12/17/12		28.81	783.69
		03/04/13		29.04	783.46
		04/29/13		28.31	784.19
		06/16/14		NM	
		06/30/15	810.36	25.86	784.50
		02/22/16		26.62	783.74
		06/13/16		25.95	784.41
		06/05/17		25.60	784.76
		07/16/18		25.57	784.79
		08/12/19		25.35	785.01
MW-6C	S	04/05/10	810.42	25.95	784.47
		08/02/10	811.43	25.92	785.51
		12/06/10		27.04	784.39
		03/21/11		26.83	784.60
		09/19/11		26.53	784.90
		04/09/12		25.61	785.82
		09/26/12		27.48	783.95
		12/17/12		27.95	783.48
		03/04/13		27.86	783.57
		04/29/13		26.75	784.68
		06/16/14		26.15	785.28
		06/30/15	810.40	25.31	785.09
		02/22/16		26.19	784.21
		06/13/16		25.47	784.93
		06/05/17		25.26	785.14
		07/16/18		25.32	785.08

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-7	S	08/12/19	888.05	25.31	785.09
		04/05/10		52.73	835.32
		08/02/10		52.00	836.05
		12/06/10		53.03	835.02
		03/21/11		53.77	834.28
		09/19/11		52.11	835.94
		04/09/12		51.91	836.14
		12/17/12		53.51	834.54
		03/04/13		54.06	833.99
		04/29/13		54.21	833.84
		06/16/14		52.48	835.57
		06/13/16		53.29	834.76
		06/05/17		53.69	834.36
		07/16/18		53.03	835.02
		08/12/19		52.38	835.67
MW-8	S	04/05/10	805.62	18.41	787.21
		08/02/10		18.21	787.41
		12/06/10		19.68	785.94
		03/21/11		19.26	786.36
		09/19/11		19.09	786.53
		04/09/12		17.89	787.73
		12/17/12		20.67	784.95
		03/04/13		20.47	785.15
		04/29/13		18.91	786.71
		06/16/14		18.60	787.02
		06/30/15		18.45	787.17
		02/22/16		19.95	785.67
		06/13/16		19.30	786.32
		06/05/17		18.77	786.85
		07/16/18		19.02	786.60
08/12/19	19.05	786.57			
MW-9A	I	04/05/10	808.06	24.37	783.69
		08/02/10		24.23	783.83
		12/06/10		25.45	782.61
		03/21/11		25.56	782.50
		09/19/11		24.78	783.28
		04/09/12		23.86	784.20
		12/17/12		26.36	781.70
		03/04/13		26.51	781.55
		04/29/13		25.71	782.35
		06/16/14		25.10	782.96
		06/30/15		25.29	782.77
		02/22/16		26.23	781.83
		06/13/16		25.52	782.54
		06/05/17		24.58	783.48
		07/16/18		25.31	782.75
08/12/19	25.19	782.87			
MW-9B	I	04/05/10	808.07	22.61	785.46
		08/02/10		22.58	785.49
		12/06/10		23.71	784.36
		03/21/11		23.49	784.58
		09/19/11		23.18	784.89

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
		04/09/12		22.30	785.77
		12/17/12		24.64	783.43
		03/04/13		28.52	779.55
		04/29/13		23.39	784.68
		06/16/14		22.80	785.27
		06/30/15		22.99	785.08
		02/22/16		23.97	784.10
		06/13/16		23.23	784.84
		06/05/17		22.95	785.12
		07/16/18		23.02	785.05
08/12/19	23.02	785.05			
MW-9C	S	04/05/10	808.16	22.70	785.46
		08/02/10		22.66	785.50
		12/06/10		23.80	784.36
		03/21/11		23.64	784.52
		09/19/11		23.27	784.89
		04/09/12		22.38	785.78
		12/17/12		24.72	783.44
		03/04/13		24.61	783.55
		04/29/13		23.51	784.65
		06/16/14		22.90	785.26
06/30/15	23.05	785.11			
02/22/16	23.99	784.17			
06/13/16	23.25	784.91			
06/05/17	23.02	785.14			
07/16/18	23.08	785.08			
08/12/19	23.09	785.07			
MW-10A	D	04/05/10	808.66	21.87	786.79
		08/02/10		21.71	786.95
		12/06/10		22.70	785.96
		03/21/11		23.00	785.66
		09/19/11		22.31	786.35
		04/09/12		21.39	787.27
		12/17/12		23.64	785.02
		03/04/13		23.98	784.68
		04/29/13		23.38	785.28
		06/16/14		22.76	785.90
06/30/15	23.01	785.65			
06/13/16	23.11	785.55			
06/05/17	22.88	785.78			
07/16/18	22.73	785.93			
08/12/19	22.62	786.04			
MW-10B	I	04/05/10	810.43	23.90	786.53
		08/02/10		23.72	786.71
		12/06/10		24.78	785.65
		03/21/11		25.00	785.43
		09/19/11		24.36	786.07
		04/09/12		23.38	787.05
		12/17/12		25.71	784.72
		03/04/13		27.99	782.44
		04/29/13		25.39	785.04
		06/16/14		24.75	785.68
06/30/15	24.99	785.44			
06/13/16	25.08	785.35			

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-10C	S	06/05/17	810.87	24.87	785.56
		07/16/18		24.72	785.71
		08/12/19		24.42	786.01
		04/05/10		24.36	786.51
		08/02/10		24.26	786.61
		12/06/10		25.58	785.29
		03/21/11		25.21	785.66
		09/19/11		24.98	785.89
		04/09/12		23.81	787.06
		12/17/12		27.41	783.46
		03/04/13		26.25	784.62
		04/29/13		24.78	786.09
		06/16/14		24.45	786.42
		06/30/15		24.41	786.46
		06/13/16		24.92	785.95
		06/05/17		24.71	786.16
07/16/18	24.80	786.07			
08/12/19	24.79	786.08			
MW-11	S	04/05/10	809.41	24.02	785.39
		08/02/10		24.00	785.41
		12/06/10		NM	NM
		03/21/11		24.89	784.52
		09/19/11		24.56	784.85
		04/09/12		23.71	785.70
		12/17/12		26.01	783.40
		03/04/13		25.91	783.50
		04/29/13		24.82	784.59
		06/16/14		24.21	785.20
		06/30/15		28.41	781.00
		02/22/16		25.35	784.06
		06/13/16		24.53	784.88
		06/05/17		24.35	785.06
		07/16/18		24.43	784.98
		08/12/19		24.41	785.00
MW-12	S	04/05/10	808.46	23.05	785.41
		08/02/10		23.05	785.41
		12/06/10		NM	NM
		03/21/11		23.93	784.53
		09/19/11		23.58	784.88
		04/09/12		22.75	785.71
		12/17/12		25.04	783.42
		03/04/13		24.94	783.52
		04/29/13		23.86	784.60
		06/16/14		23.26	785.20
		06/30/15		23.43	785.03
		02/22/16		24.35	784.11
		06/13/16		23.58	784.88
		06/05/17		23.37	785.09
		07/16/18		23.47	784.99
		08/12/19		23.48	784.98
MW-13	S	04/05/10	806.70	21.34	785.36
		08/02/10		21.35	785.35
		12/06/10		NM	NM

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation	
		03/21/11		22.21	784.49	
		09/19/11		22.91	783.79	
		04/09/12		21.04	785.66	
		09/27/12		22.88	783.82	
		12/17/12		23.34	783.36	
		03/04/13		23.23	783.47	
		04/29/13		22.13	784.57	
		06/16/14		21.55	785.15	
		06/30/15		21.45	785.25	
		02/22/16		23.59	783.11	
		06/13/16		806.67	21.80	784.87
		06/05/17		21.61	785.06	
		07/16/18		21.69	784.98	
		08/12/19		21.69	784.98	
MW-14	S	04/05/10	802.70	17.52	785.18	
		08/02/10		17.57	785.13	
		12/06/10		18.58	784.12	
		03/21/11		18.40	784.30	
		09/19/11		10.08	792.62	
		04/09/12		17.30	785.40	
		09/27/12		19.05	783.65	
		12/17/12		19.50	783.20	
		03/04/13		19.42	783.28	
		04/29/13		18.33	784.37	
		06/16/14		17.73	784.97	
		06/30/15		17.91	784.79	
		02/22/16		18.79	783.91	
		06/13/16		18.04	784.66	
06/05/17	17.81	784.89				
07/16/18	17.92	784.78				
08/12/19	17.91	784.79				
MW-15	I	04/05/10	792.90	8.58	784.32	
		08/02/10		8.67	784.23	
		12/06/10		9.56	783.34	
		03/21/11		9.41	783.49	
		09/19/11		9.09	783.81	
		04/09/12		8.41	784.49	
		12/17/12		10.51	782.39	
		03/04/13		10.37	782.53	
		04/29/13		9.36	783.54	
		06/16/14		8.81	784.09	
		06/30/15		8.85	784.05	
		02/22/16		9.72	783.18	
		06/13/16		9.07	783.83	
		06/05/17		8.81	784.09	
07/16/18	8.94	783.96				
08/12/19	8.96	783.94				
MW-16	S	04/05/10	791.18	8.57	782.61	
		08/02/10		8.69	782.49	
		12/06/10		9.58	781.60	
		03/21/11		9.36	781.82	
		09/19/11		9.04	782.14	
		04/09/12		8.45	782.73	
		09/26/12		10.07	781.11	

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-17	S	11/27/12	784.41	10.77	780.41
		12/17/12		10.54	780.64
		01/08/13		10.68	780.50
		03/04/13		10.31	780.87
		04/03/13		10.25	780.93
		04/29/13		9.36	781.82
		06/16/14		8.81	782.37
		06/30/15		5.81	785.37
		02/22/16		9.67	781.51
		06/13/16		9.07	782.11
		06/05/17		8.95	782.23
		07/16/18		9.00	782.18
		08/12/19		8.92	782.26
		04/05/10		2.22	782.19
		08/02/10		2.27	782.14
		12/06/10		3.28	781.13
		03/21/11		3.07	781.34
		09/19/11		2.64	781.77
		04/09/12		2.11	782.30
09/26/12	3.67	780.74			
12/17/12	4.30	780.11			
03/04/13	4.08	780.33			
04/03/13	4.18	780.23			
04/29/13	3.13	781.28			
06/16/14	2.42	781.99			
06/30/15	2.60	781.81			
02/22/16	3.37	781.04			
06/13/16	2.85	781.56			
06/05/17	2.58	781.83			
07/16/18	2.57	781.84			
08/12/19	2.47	781.94			
MW-18(38.6)	S	04/05/10	826.66	38.60	788.06
		08/02/10		38.44	788.22
		12/06/10		40.02	786.64
		03/21/11		39.54	787.12
		09/19/11		39.56	787.10
		04/09/12		38.01	788.65
		12/17/12		Dry	Dry
		03/04/13		40.72	785.94
		04/29/13		38.74	787.92
		06/16/14		38.81	787.85
		06/30/15		38.58	788.08
		06/13/16		39.46	787.20
		06/05/17		39.06	787.60
		07/16/18		39.35	787.31
		08/12/19		39.44	787.22
MW-18(63)	I	04/05/10	826.63	39.32	787.31
		08/02/10		39.21	787.42
		12/06/10		40.14	786.49
		03/21/11		40.52	786.11
		09/19/11		39.82	786.81
		04/09/12		38.85	787.78
		12/17/12		41.12	785.51
		03/04/13		41.48	785.15

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-18(164)	D	04/29/13	826.50	40.98	785.65
		06/16/14		42.90	783.73
		06/30/15		40.65	785.98
		06/13/16		40.65	785.98
		06/05/17		40.39	786.24
		07/16/18		40.22	786.41
		08/12/19		20.12	806.51
		04/05/10		40.54	785.96
		08/02/10		40.36	786.14
		12/06/10		41.38	785.12
		03/21/11		41.71	784.79
		09/19/11		41.04	785.46
		04/09/12		40.01	786.49
		12/17/12		42.39	784.11
MW-19(33)	S	03/04/13	809.53	42.71	783.79
		04/29/13		42.12	784.38
		06/16/14		41.41	785.09
		06/30/15		41.71	784.79
		06/13/16		41.81	784.69
		06/05/17		41.51	784.99
		07/16/18		41.39	785.11
		08/12/19		41.29	785.21
		04/05/10		23.98	785.55
		08/02/10		24.01	785.52
		12/06/10		25.11	784.42
		03/21/11		24.89	784.64
		09/19/11		24.56	784.97
		04/09/12		23.67	785.86
12/17/12	26.01	783.52			
MW-19(53)	I	03/04/13	809.56	25.93	783.60
		04/29/13		24.81	784.72
		06/16/14		24.25	785.28
		06/30/15		24.39	785.14
		06/13/16		24.55	784.98
		06/05/17		24.36	785.17
		07/16/18		24.41	785.12
		08/12/19		24.41	785.12
		04/05/10		24.00	785.56
		08/02/10		24.02	785.54
		12/06/10		25.02	784.54
		03/21/11		24.90	784.66
		09/19/11		24.58	784.98
		04/09/12		23.68	785.88
12/17/12	26.02	783.54			
MW-19(118)	D	03/04/13	809.56	25.93	783.63
		04/29/13		24.82	784.74
		06/16/14		24.25	785.31
		06/30/15		24.41	785.15
		06/13/16		24.58	784.98
		06/05/17		24.36	785.20
		07/16/18		24.44	785.12
		08/12/19		24.41	785.15
		04/05/10		23.84	785.72

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-20(35)	S	08/02/10	810.42	23.74	785.82
		12/06/10		24.81	784.75
		03/21/11		25.01	784.55
		09/19/11		24.44	785.12
		04/09/12		23.31	786.25
		12/17/12		25.69	783.87
		03/04/13		25.96	783.60
		04/29/13		25.29	784.27
		06/16/14		24.65	784.91
		06/30/15		24.95	784.61
		06/13/16		25.03	784.53
		06/05/17		24.80	784.76
		07/16/18		24.70	784.86
		08/12/19		24.61	784.95
MW-20(51)	I	04/05/10	810.41	24.92	785.50
		08/02/10		24.92	785.50
		12/06/10		26.02	784.40
		03/21/11		25.82	784.60
		09/19/11		25.54	784.88
		04/09/12		24.62	785.80
		12/17/12		26.95	783.47
		03/04/13		26.86	783.56
		04/29/13		25.75	784.67
		06/16/14		25.11	785.31
		06/30/15		25.35	785.07
		02/22/16		26.22	784.20
		06/13/16		25.45	784.97
		06/05/17		25.27	785.15
07/16/18	25.34	785.08			
08/12/19	25.24	785.18			
MW-20(124)	I	04/05/10	810.45	26.41	784.04
		08/02/10		26.31	784.14
		12/06/10		27.46	782.99
		03/21/11		27.61	782.84
		09/19/11		27.14	783.31
		04/09/12		25.90	784.55
		12/17/12		28.41	782.04
		03/04/13		28.58	781.87

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation			
MW-20(155)	D	04/29/13	810.44	27.79	782.66			
		06/16/14		27.19	783.26			
		06/30/15		27.41	783.04			
		02/22/16		25.26	785.19			
		06/13/16		27.55	782.90			
		06/05/17		27.32	783.13			
		07/16/18		27.35	783.10			
		08/12/19		27.21	783.24			
		04/05/10		26.15	784.29			
		08/02/10		26.04	784.40			
		12/06/10		27.19	783.25			
		03/21/11		27.33	783.11			
		09/19/11		26.77	783.67			
		04/09/12		25.57	784.87			
		12/17/12		28.11	782.33			
		03/04/13		28.23	782.21			
		04/29/13		27.49	782.95			
06/16/14	26.87	783.57						
06/30/15	27.11	783.33						
02/22/16	27.93	782.51						
06/13/16	27.25	783.19						
06/05/17	26.98	783.46						
07/16/18	27.07	783.37						
08/12/19	26.89	783.55						
MW-21(40.2)	S	04/05/10	810.33	25.07	785.26			
		08/02/10		25.02	785.31			
		12/06/10		26.18	784.15			
		03/21/11		25.95	784.38			
		09/19/11		25.64	784.69			
		04/09/12		24.74	785.59			
		12/17/12		27.08	783.25			
		03/04/13		26.99	783.34			
		04/29/13		25.93	784.40			
		06/16/14		25.28	785.05			
		06/30/15		25.45	784.88			
		06/13/16		25.65	784.68			
		06/05/17		25.42	784.91			
		07/16/18		25.48	784.85			
		08/12/19		25.49	784.84			
		MW-21(128)		I	04/05/10	810.30	26.76	783.54
					08/02/10		26.61	783.69
12/06/10	29.91		780.39					
03/21/11	27.97		782.33					
09/19/11	27.54		782.76					
04/09/12	26.28		784.02					
12/17/12	28.79		781.51					
03/04/13	28.93		781.37					
04/29/13	28.12		782.18					
06/16/14	27.51		782.79					
06/30/15	27.71		782.59					
06/13/16	27.94		782.36					
06/05/17	27.70		782.60					
07/16/18	27.77		782.53					
08/12/19	27.66		782.64					

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-21(155.3)	D	04/05/10	810.35	26.71	783.64
		08/02/10		26.54	783.81
		12/06/10		27.81	782.54
		03/21/11		27.90	782.45
		09/19/11		27.44	782.91
		04/09/12		26.20	784.15
		12/17/12		28.71	781.64
		03/04/13		28.86	781.49
		04/29/13		20.05	790.30
		06/16/14		27.44	782.91
		06/30/15		27.64	782.71
		06/13/16		27.92	782.43
		06/05/17		27.60	782.75
		07/16/18		27.63	782.72
		08/12/19		27.55	782.80
MW-22(37)	S	04/05/10	803.92	19.85	784.07
		08/02/10		19.76	784.16
		12/06/10		20.93	782.99
		03/21/11		21.02	782.90
		09/19/11		20.32	783.60
		04/09/12		19.88	784.04
		12/17/12		21.76	782.16
		03/04/13		21.96	781.96
		04/29/13		21.23	782.69
		06/16/14		20.55	783.37
		06/30/15		20.77	783.15
		06/13/16		19.34	784.58
		06/05/17		20.71	783.21
		07/16/18		20.65	783.27
		08/12/19		20.61	783.31
MW-22(67.7)	I	04/05/10	803.94	19.87	784.07
		08/02/10		19.81	784.13
		12/06/10		20.98	782.96
		03/21/11		21.05	782.89
		09/19/11		20.34	783.60
		04/09/12		19.31	784.63
		12/17/12		21.81	782.13
		03/04/13		21.98	781.96
		04/29/13		21.25	782.69
		06/16/14		20.51	783.43
		06/30/15		20.79	783.15
		06/13/16		20.95	782.99
		06/05/17		20.72	783.22
		07/16/18		20.66	783.28
		08/12/19		20.61	783.33
MW-22(130.7)	D	04/05/10	803.95	19.95	784.00
		08/02/10		19.86	784.09
		12/06/10		22.98	780.97
		03/21/11		21.10	782.85
		09/19/11		20.44	783.51
		04/09/12		19.40	784.55
		12/17/12		21.86	782.09
		03/04/13		22.01	781.94

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
		04/29/13		21.34	782.61
		06/16/14		20.60	783.35
		06/30/15		20.85	783.10
		06/13/16		21.00	782.95
		06/05/17		20.77	783.18
		07/16/18		20.75	783.20
		08/12/19		20.71	783.24
		MW-23(39.9)		S	04/05/10
08/02/10	30.92		785.75		
12/06/10	31.98		784.69		
03/21/11	31.88		784.79		
09/19/11	31.47		785.20		
04/09/12	30.51		786.16		
12/17/12	33.01		783.66		
03/04/13	32.95		783.72		
04/29/13	31.80		784.87		
06/16/14	31.14		785.53		
06/30/15	31.39		785.28		
06/13/16	31.50		785.17		
06/05/17	31.31		785.36		
07/16/18	31.34		785.33		
08/12/19	31.32		785.35		
MW-23(105.6)	I		04/05/10		816.65
		08/02/10	30.69	785.96	
		12/06/10	31.83	784.82	
		03/21/11	31.68	784.97	
		09/19/11	31.30	785.35	
		04/09/12	30.31	786.34	
		12/17/12	32.82	783.83	
		03/04/13	32.76	783.89	
		04/29/13	31.58	785.07	
		06/16/14	30.95	785.70	
		06/30/15	31.14	785.51	
		06/13/16	31.34	785.31	
		06/05/17	31.11	785.54	
		07/16/18	31.16	785.49	
		08/12/19	31.14	785.51	
		MW-23(122.7)	D	04/05/10	
08/02/10	36.98			779.71	
12/06/10	33.19			783.50	
03/21/11	31.63			785.06	
09/19/11	31.31			785.38	
04/09/12	30.27			786.42	
12/17/12	32.78			783.91	
03/04/13	32.71			783.98	
04/29/13	31.55			785.14	
06/16/14	30.90			785.79	
06/30/15	31.14			785.55	
06/13/16	31.30			785.39	
06/05/17	31.66			785.03	
07/16/18	31.13			785.56	
08/12/19	31.09			785.60	
MW-24(24.9)	S			04/05/10	804.92

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
		08/02/10		19.88	785.04
		12/06/10		20.86	784.06
		03/21/11		20.67	784.25
		09/19/11		20.37	784.55
		04/09/12		19.57	785.35
		12/17/12		21.76	783.16
		03/04/13		21.66	783.26
		04/29/13		20.59	784.33
		06/16/14		20.03	784.89
		06/30/15		20.19	784.73
		02/22/16		21.03	783.89
		06/13/16		20.35	784.57
		06/05/17		20.08	784.84
		07/16/18		20.21	784.71
		08/12/19		20.19	784.73
MW-24(55.4)	I	04/05/10	804.94	19.77	785.17
		08/02/10		19.86	785.08
		12/06/10		20.91	784.03
		03/21/11		20.65	784.29
		09/19/11		20.34	784.60
		04/09/12		19.54	785.40
		12/17/12		21.41	783.53
		03/04/13		21.64	783.30
		04/29/13		20.59	784.35
		06/16/14		20.02	784.92
		06/30/15		20.19	784.75
		02/22/16		21.01	783.93
		06/13/16		20.32	784.62
		06/05/17		20.09	784.85
		07/16/18		20.18	784.76
08/12/19	20.19	784.75			
MW-24(122.6)	I	04/05/10	804.93	21.12	783.81
		08/02/10		20.98	783.95
		12/06/10		23.26	781.67
		03/21/11		22.30	782.63
		09/19/11		21.64	783.29
		04/09/12		20.63	784.30
		12/17/12		23.09	781.84
		03/04/13		23.30	781.63
		04/29/13		22.55	782.38
		06/16/14		21.89	783.04
		06/30/15		22.10	782.83
		02/22/16		23.04	781.89
		06/13/16		22.30	782.63
		06/05/17		22.05	782.88
		07/16/18		22.07	782.86
08/12/19	22.02	782.91			
MW-24(159.4)	D	04/05/10	804.93	21.02	783.91
		08/02/10		20.81	784.12
		12/06/10		22.09	782.84
		03/21/11		22.20	782.73
		09/19/11		21.58	783.35
		04/09/12		20.52	784.41
		12/17/12		23.02	781.91

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-25(16.4)	S	03/04/13	791.93	23.23	781.70
		04/29/13		22.45	782.48
		06/16/14		21.81	783.12
		06/30/15		22.00	782.93
		02/22/16		22.97	781.96
		06/13/16		22.19	782.74
		06/05/17		21.99	782.94
		07/16/18		21.98	782.95
		08/12/19		21.92	783.01
		04/05/10		7.27	784.66
		08/02/10		7.39	784.54
		12/06/10		8.29	783.64
		03/21/11		8.10	783.83
		09/19/11		7.83	784.10
		04/09/12		7.11	784.82
		09/27/12		5.42	786.51
		12/17/12		9.17	782.76
MW-25(32.6)	I	03/04/13	791.92	6.04	785.89
		04/29/13		8.03	783.90
		06/16/14		7.51	784.42
		06/30/15		7.66	784.27
		02/22/16		8.42	783.51
		06/13/16		7.78	784.15
		06/05/17		7.57	784.36
		07/16/18		7.71	784.22
		08/12/19		7.64	784.29
		04/05/10		7.28	784.64
		08/02/10		7.36	784.56
		12/06/10		8.33	783.59
		03/21/11		8.12	783.80
		09/19/11		7.84	784.08
		04/09/12		7.11	784.81
		12/17/12		9.21	782.71
		03/04/13		6.09	785.83
04/29/13	8.06	783.86			
06/16/14	7.54	784.38			
06/30/15	7.66	784.26			
02/22/16	8.45	783.47			
06/13/16	7.78	784.14			
06/05/17	7.57	784.35			
07/16/18	7.71	784.21			
08/12/19	7.81	784.11			
MW-25(45.2)	I	04/05/10	791.91	7.59	784.32
		08/02/10		7.71	784.20
		12/06/10		8.64	783.27
		03/21/11		8.43	783.48
		09/19/11		8.12	783.79
		04/09/12		7.43	784.48
		12/17/12		9.53	782.38
		03/04/13		9.38	782.53
		04/29/13		8.39	783.52
		06/16/14		7.83	784.08
		06/30/15		7.92	783.99
		02/22/16		8.74	783.17

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-25(82)	I	06/13/16	791.93	8.09	783.82
		06/05/17		7.86	784.05
		07/16/18		7.99	783.92
		08/12/19		7.95	783.96
		04/05/10		8.32	783.61
		08/02/10		8.19	783.74
		12/06/10		9.44	782.49
		03/21/11		9.52	782.41
		09/19/11		8.82	783.11
		04/09/12		7.87	784.06
		12/17/12		10.31	781.62
		03/04/13		10.53	781.40
		04/29/13		9.77	782.16
		06/16/14		9.11	782.82
		06/30/15		9.25	782.68
		02/22/16		10.29	781.64
MW-25(145)	D	06/13/16	791.91	9.54	782.39
		06/05/17		9.24	782.69
		07/16/18		9.31	782.62
		08/12/19		9.19	782.74
		04/05/10		8.39	783.52
		08/02/10		8.25	783.66
		12/06/10		9.54	782.37
		03/21/11		9.61	782.30
		09/19/11		8.88	783.03
		04/09/12		8.95	782.96
		12/17/12		10.39	781.52
		03/04/13		10.57	781.34
		04/29/13		9.82	782.09
		06/16/14		9.19	782.72
		06/30/15		9.35	782.56
		02/22/16		10.36	781.55
MW-26(17.5)	S	06/13/16	792.16	9.62	782.29
		06/05/17		9.35	782.56
		07/16/18		9.41	782.50
		08/12/19		9.29	782.62
		04/05/10		9.67	782.49
		08/02/10		9.78	782.38
		12/06/10		10.65	781.51
		03/21/11		10.45	781.71
		09/19/11		10.13	782.03
		04/09/12		9.56	782.60
		09/27/12		11.17	780.99
		11/27/12		11.47	780.69
		12/17/12		11.56	780.60
		01/08/13		11.65	780.51
		03/04/13		11.41	780.75
		04/03/13		11.33	780.83
04/29/13	10.46	781.70			
06/16/14	9.91	782.25			
06/30/15	9.95	782.21			
02/22/16	10.80	781.36			
06/13/16	10.17	781.99			
06/05/17	10.08	782.08			

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation			
MW-26(28.8)	S	07/16/18	792.14	10.13	782.03			
		08/12/19		10.06	782.10			
		04/05/10		9.58	782.56			
		08/02/10		9.68	782.46			
		12/06/10		10.56	781.58			
		03/21/11		10.36	781.78			
		09/19/11		10.07	782.07			
		04/09/12		9.45	782.69			
		09/27/12		11.07	781.07			
		12/17/12		11.56	780.58			
		01/08/13		11.74	780.40			
		03/04/13		11.34	780.80			
		04/03/13		11.25	780.89			
		04/29/13		10.37	781.77			
		06/16/14		9.79	782.35			
		06/30/15		28.74	763.40			
		02/22/16		10.68	781.46			
		06/13/16		10.12	782.02			
		06/05/17		9.94	782.20			
07/16/18	9.99	782.15						
08/12/19	9.97	782.17						
MW-26(58.2)	I	04/05/10	792.17	9.04	783.13			
		08/02/10		6.12	786.05			
		12/06/10		10.06	782.11			
		03/21/11		9.87	782.30			
		09/19/11		9.54	782.63			
		04/09/12		8.90	783.27			
		12/17/12		11.03	781.14			
		03/04/13		10.66	781.51			
		04/29/13		9.86	782.31			
		06/16/14		9.27	782.90			
		06/30/15		9.37	782.80			
		02/22/16		10.24	781.93			
		06/13/16		10.57	781.60			
		06/05/17		9.36	782.81			
		07/16/18		9.44	782.73			
		08/12/19		9.38	782.79			
		MW-26(114.8)		I	04/05/10	792.15	8.81	783.34
					08/02/10		5.67	786.48
					12/06/10		9.97	782.18
03/21/11	10.02		782.13					
09/19/11	9.32		782.83					
04/09/12	8.38		783.77					
12/17/12	10.83		781.32					
03/04/13	11.02		781.13					
04/29/13	10.23		781.92					
06/16/14	9.61		782.54					
06/30/15	9.78		782.37					
02/22/16	10.90		781.25					
06/13/16	10.04		782.11					
06/05/17	9.75		782.40					
07/16/18	9.84		782.31					
08/12/19	9.40		782.75					

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-26(143.6)	D	04/05/10	792.17	8.82	783.35
		08/02/10		5.69	786.48
		12/06/10		9.97	782.20
		03/21/11		10.04	782.13
		09/19/11		9.32	782.85
		04/09/12		8.39	783.78
		12/17/12		10.86	781.31
		03/04/13		11.02	781.15
		04/29/13		10.24	781.93
		06/16/14		9.61	782.56
		06/30/15		9.80	782.37
		02/22/16		10.90	781.27
		06/13/16		10.04	782.13
		06/05/17		9.77	782.40
		07/16/18		9.85	782.32
		08/12/19		9.74	782.43
MW-27(18)	S	04/05/10	785.82	3.57	782.25
		08/02/10		2.67	783.15
		12/06/10		4.55	781.27
		03/21/11		4.36	781.46
		09/19/11		3.99	781.83
		04/09/12		3.50	782.32
		12/17/12		5.54	780.28
		03/04/13		5.39	780.43
		04/29/13		4.46	781.36
		06/16/14		3.81	782.01
		06/30/15		3.88	781.94
		02/22/16		4.65	781.17
		06/13/16		4.15	781.67
		06/05/17		4.07	781.75
		07/16/18		4.05	781.77
		08/12/19		3.92	781.90
MW-27(53.05)	I	04/05/10	785.84	2.69	783.15
		08/02/10		2.77	783.07
		12/06/10		3.69	782.15
		03/21/11		3.52	782.32
		09/19/11		3.14	782.70
		04/09/12		2.61	783.23
		12/17/12		4.64	781.20
		03/04/13		4.49	781.35
		04/29/13		3.53	782.31
		06/16/14		2.91	782.93
		06/30/15		3.01	782.83
		02/22/16		3.81	782.03
		06/13/16		3.22	782.62
		06/05/17		3.04	782.80
		07/16/18		3.10	782.74
		08/12/19		3.02	782.82
MW-27(75.4)	I	04/05/10	785.88	2.59	783.29
		08/02/10		2.66	783.22
		12/06/10		3.62	782.26
		03/21/11		3.43	782.45
		09/19/11		3.07	782.81
		04/09/12		2.49	783.39

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation			
MW-27(104.2)	I	12/17/12	785.84	4.56	781.32			
		03/04/13		4.41	781.47			
		04/29/13		3.43	782.45			
		06/16/14		2.81	783.07			
		06/30/15		2.89	782.99			
		02/22/16		3.74	782.14			
		06/13/16		3.11	782.77			
		06/05/17		2.90	782.98			
		07/16/18		2.96	782.92			
		08/12/19		2.89	782.99			
		04/05/10		2.49	783.35			
		08/02/10		2.33	783.51			
		12/06/10		3.62	782.22			
		03/21/11		3.71	782.13			
		09/19/11		2.98	782.86			
		04/09/12		2.07	783.77			
		12/17/12		4.48	781.36			
		03/04/13		4.69	781.15			
		04/29/13		3.88	781.96			
06/16/14	3.25	782.59						
06/30/15	3.41	782.43						
02/22/16	4.41	781.43						
06/13/16	3.66	782.18						
06/05/17	3.42	782.42						
07/16/18	3.49	782.35						
08/12/19	3.35	782.49						
MW-27(135)	D	04/05/10	785.85	2.49	783.36			
		08/02/10		2.34	783.51			
		12/06/10		3.62	782.23			
		03/21/11		3.72	782.13			
		09/19/11		3.02	782.83			
		04/09/12		2.08	783.77			
		12/17/12		4.51	781.34			
		03/04/13		4.71	781.14			
		04/29/13		3.88	781.97			
		06/16/14		3.26	782.59			
		06/30/15		3.43	782.42			
		02/22/16		4.49	781.36			
		06/13/16		3.67	782.18			
		06/05/17		3.42	782.43			
		07/16/18		4.49	781.36			
		08/12/19		3.39	782.46			
		MW-28(24.3)		S	04/05/10	790.47	9.42	781.05
					08/02/10		6.39	784.08
					12/06/10		10.71	779.76
03/21/11	10.43		780.04					
09/19/11	9.87		780.60					
04/09/12	9.27		781.20					
12/17/12	11.91		778.56					
03/04/13	11.63		778.84					
04/29/13	10.49		779.98					
06/16/14	9.59		780.88					
06/30/15	9.70		780.77					
02/22/16	10.84		779.63					

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-28(53.2)	I	06/13/16	790.58	10.07	780.40
		06/05/17		9.91	780.56
		07/16/18		9.86	780.61
		08/12/19		9.82	780.65
		04/05/10		9.16	781.42
		08/02/10		9.13	781.45
		12/06/10		10.36	780.22
		03/21/11		10.15	780.43
		09/19/11		9.61	780.97
		04/09/12		8.97	781.61
		12/17/12		11.56	779.02
		03/04/13		11.30	779.28
		04/29/13		10.21	780.37
		06/16/14		9.31	781.27
		06/30/15		9.45	781.13
		02/22/16		10.60	779.98
MW-28(117.7)	I	06/13/16	790.57	9.77	780.81
		06/05/17		9.64	780.94
		07/16/18		9.58	781.00
		08/12/19		9.55	781.03
		04/05/10		5.35	785.22
		08/02/10		5.38	785.19
		12/06/10		6.43	784.14
		03/21/11		6.29	784.28
		09/19/11		5.91	784.66
		04/09/12		5.06	785.51
		12/17/12		7.38	783.19
		03/04/13		7.29	783.28
		04/29/13		6.22	784.35
		06/16/14		5.59	784.98
		06/30/15		5.75	784.82
		02/22/16		6.65	783.92
MW-28(138.1)	D	06/13/16	790.59	5.92	784.65
		06/05/17		5.69	784.88
		07/16/18		5.76	784.81
		08/12/19		5.69	784.88
		04/05/10		8.45	782.14
		08/02/10		8.41	782.18
		12/06/10		9.81	780.78
		03/21/11		9.65	780.94
		09/19/11		9.07	781.52
		04/09/12		8.05	782.54
		12/17/12		10.96	779.63
		03/04/13		10.94	779.65
		04/29/13		9.85	780.74
		06/16/14		9.35	781.24
		06/30/15		9.26	781.33
		02/22/16		10.59	780.00
MW-29(82.5)	I	06/13/16	801.45	10.12	780.47
		06/05/17		9.54	781.05
		07/16/18		9.66	780.93
		08/12/19		9.98	780.61
		04/05/10		23.79	777.66

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
		08/02/10		23.59	777.86
		12/06/10		25.59	775.86
		03/21/11		25.15	776.30
		09/19/11		27.03	774.42
		04/09/12		23.39	778.06
		12/17/12		27.02	774.43
		03/04/13		26.56	774.89
		04/29/13		25.29	776.16
		06/16/14		23.84	777.61
		06/30/15		23.79	777.66
		06/13/16		24.49	776.96
		06/05/17		24.25	777.20
		07/16/18		24.18	777.27
		08/12/19		24.21	777.24
MW-29(103.3)	I	04/05/10	801.45	26.43	775.02
		08/02/10		26.33	775.12
		12/06/10		28.09	773.36
		03/21/11		27.42	774.03
		09/19/11		27.01	774.44
		04/09/12		25.99	775.46
		12/17/12		29.41	772.04
		03/04/13		28.81	772.64
		04/29/13		27.36	774.09
		06/16/14		26.31	775.14
		06/30/15		26.12	775.33
		06/13/16		26.97	774.48
		06/05/17		26.63	774.82
		07/16/18		27.83	773.62
08/12/19	27.02	774.43			
MW-29(132.8)	D	04/05/10	801.47	26.34	775.13
		08/02/10		26.33	775.14
		12/06/10		28.09	773.38
		03/21/11		27.44	774.03
		09/19/11		27.04	774.43
		04/09/12		26.00	775.47
		12/17/12		29.46	772.01
		03/04/13		28.81	772.66
		04/29/13		27.36	774.11
		06/16/14		26.35	775.12
		06/30/15		26.15	775.32
		06/13/16		26.97	774.50
		06/05/17		26.59	774.88
		07/16/18		26.86	774.61
08/12/19	27.03	774.44			
MW-30(41.1)	S	04/05/10	794.57	18.21	776.36
		08/02/10		18.11	776.46
		12/06/10		20.28	774.29
		03/21/11		19.79	774.78
		09/19/11		18.84	775.73
		04/09/12		18.00	776.57
		12/17/12		21.95	772.62
		03/04/13		21.56	773.01
		04/29/13		19.91	774.66
		06/16/14		18.19	776.38

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-30(120.2)	I	06/30/15	794.57	18.18	776.39
		02/22/16		20.46	774.11
		06/13/16		19.15	775.42
		06/05/17		18.95	775.62
		07/16/18		18.80	775.77
		08/12/19		18.80	775.77
		04/05/10		11.46	783.11
		08/02/10		11.31	783.26
		12/06/10		12.57	782.00
		03/21/11		12.64	781.93
		09/19/11		12.05	782.52
		04/09/12		11.02	783.55
		12/17/12		13.44	781.13
		03/04/13		13.66	780.91
		04/29/13		12.81	781.76
		06/16/14		12.25	782.32
		06/30/15		12.31	782.26
02/22/16	12.95	781.62			
06/13/16	12.64	781.93			
06/05/17	12.37	782.20			
07/16/18	12.47	782.10			
08/12/19	12.26	782.31			
MW-30(148)	D	04/05/10	794.58	32.45	762.13
		08/02/10		33.11	761.47
		12/06/10		33.72	760.86
		03/21/11		32.80	761.78
		09/19/11		33.68	760.90
		04/09/12		32.29	762.29
		12/17/12		34.40	760.18
		03/04/13		33.61	760.97
		04/29/13		31.99	762.59
		06/16/14		32.72	761.86
		06/30/15		30.79	763.79
		02/22/16		33.48	761.10
		06/13/16		33.16	761.42
		06/05/17		32.35	762.23
		07/16/18		34.35	760.23
		08/12/19		34.12	760.46
		MW-31(30.9)		S	04/05/10
08/02/10	7.41		774.07		
12/06/10	9.65		771.83		
03/21/11	8.69		772.79		
09/19/11	8.09		773.39		
04/09/12	7.36		774.12		
12/17/12	11.35		770.13		
03/04/13	10.61		770.87		
04/29/13	8.58		772.90		
06/16/14	7.19		774.29		
06/30/15	6.98		774.50		
06/13/16	8.47		773.01		
06/05/17	7.94		773.54		
07/16/18	7.97		773.51		
08/12/19	8.10		773.38		

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-31(55.5)	I	04/05/10	781.47	7.90	773.57
		08/02/10		7.86	773.61
		12/06/10		9.98	771.49
		03/21/11		9.06	772.41
		09/19/11		5.56	775.91
		04/09/12		7.77	773.70
		12/17/12		11.61	769.86
		03/04/13		10.91	770.56
		04/29/13		8.91	772.56
		06/16/14		7.71	773.76
		06/30/15		7.41	774.06
		06/13/16		8.99	772.48
		06/05/17		8.41	773.06
		07/16/18		8.44	773.03
		08/12/19		8.54	772.93
MW-31(98.5)	I	04/05/10	781.46	14.42	767.04
		08/02/10		15.02	766.44
		12/06/10		15.80	765.66
		03/21/11		15.02	766.44
		09/19/11		15.51	765.95
		04/09/12		14.18	767.28
		12/17/12		16.65	764.81
		03/04/13		15.81	765.65
		04/29/13		14.15	767.31
		06/16/14		14.39	767.07
		06/30/15		13.61	767.85
		06/13/16		14.90	766.56
		06/05/17		14.27	767.19
		07/16/18		15.77	765.69
		08/12/19		15.77	765.69
MW-31(139.2)	D	04/05/10	781.48	20.29	761.19
		08/02/10		21.01	760.47
		12/06/10		21.55	759.93
		03/21/11		20.60	760.88
		09/19/11		21.56	759.92
		04/09/12		20.19	761.29
		12/17/12		22.38	759.10
		03/04/13		21.52	759.96
		04/29/13		19.83	761.65
		06/16/14		20.61	760.87
		06/30/15		19.61	761.87
		06/13/16		21.12	760.36
		06/05/17		20.24	761.24
		07/16/18		22.26	759.22
		08/12/19		22.11	759.37
MW-32(24.1)	S	04/05/10	787.80	19.49	768.31
		08/02/10		19.71	768.09
		12/06/10		21.28	766.52
		03/21/11		20.64	767.16
		09/19/11		20.22	767.58
		04/09/12		19.31	768.49
		12/17/12		22.37	765.43
		04/29/13		19.79	768.01
		06/16/14		19.49	768.31

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-32(89)	I	06/30/15	787.85	18.85	768.95
		06/13/16		20.19	767.61
		06/05/17		19.76	768.04
		07/16/18		20.11	767.69
		08/12/19		20.28	767.52
		04/05/10		34.25	753.60
		08/02/10		34.74	753.11
		12/06/10		35.36	752.49
		03/21/11		34.36	753.49
		09/19/11		35.46	752.39
		04/09/12		34.31	753.54
		12/17/12		35.97	751.88
		04/29/13		33.21	754.64
		06/16/14		34.60	753.25
		06/30/15		33.29	754.56
MW-32(110)	D	06/13/16	787.82	34.80	753.05
		06/05/17		33.91	753.94
		07/16/18		36.21	751.64
		08/12/19		35.52	752.33
		04/05/10		34.34	753.48
		08/02/10		34.74	753.08
		12/06/10		35.34	752.48
		03/21/11		34.38	753.44
		09/19/11		35.44	752.38
		04/09/12		34.31	753.51
		12/17/12		35.97	751.85
		04/29/13		33.22	754.60
		06/16/14		34.58	753.24
		06/30/15		33.29	754.53
		06/13/16		34.80	753.02
MW-33(23.1)	S	06/05/17	795.11	33.87	753.95
		07/16/18		36.20	751.62
		08/12/19		35.55	752.27
		04/05/10		9.69	785.42
		08/02/10		9.84	785.27
		12/06/10		11.58	783.53
		03/21/11		10.60	784.51
		09/19/11		9.98	785.13
		04/09/12		8.72	786.39
		12/17/12		12.52	782.59
		04/29/13		9.68	785.43
		06/16/14		9.51	785.60
		06/30/15		9.25	785.86
		06/13/16		10.31	784.80
		06/05/17		9.93	785.18
MW-33(70.9)	I	07/16/18	795.09	10.40	784.71
		08/12/19		10.62	784.49
		04/05/10		41.77	753.32
		08/02/10		42.27	752.82
		12/06/10		42.89	752.20
		03/21/11		41.84	753.25
09/19/11	43.04	752.05			
04/09/12	41.78	753.31			

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation			
MW-33(129.1)	I	12/17/12	794.95	43.46	751.63			
		04/29/13		40.74	754.35			
		06/16/14		40.11	754.98			
		06/30/15		40.79	754.30			
		06/13/16		42.37	752.72			
		06/05/17		41.41	753.68			
		07/16/18		44.81	750.28			
		08/12/19		43.20	751.89			
		04/05/10		41.64	753.31			
		08/02/10		42.16	752.79			
		12/06/10		43.79	751.16			
		03/21/11		41.71	753.24			
		09/19/11		42.91	752.04			
		04/09/12		41.65	753.30			
		12/17/12		43.31	751.64			
		04/29/13		40.64	754.31			
MW-33(208.9)	D	04/05/10	794.93	37.52	757.41			
		08/02/10		38.02	756.91			
		12/06/10		38.64	756.29			
		03/21/11		37.72	757.21			
		09/19/11		38.65	756.28			
		04/09/12		37.36	757.57			
		12/17/12		39.23	755.70			
		04/29/13		36.88	758.05			
		06/16/14		37.89	757.04			
		06/30/15		36.69	758.24			
		06/13/16		38.25	756.68			
		06/05/17		37.27	757.66			
		07/16/18		39.64	755.29			
		08/12/19		39.21	755.72			
		MW-34(37)		S	04/05/10	777.60	24.21	753.39
					08/02/10		24.44	753.16
12/06/10	25.34		752.26					
03/21/11	24.33		753.27					
09/19/11	25.43		752.17					
04/09/12	24.33		753.27					
12/17/13	25.94		751.66					
04/29/13	23.19		754.41					
06/16/14	NM							
06/30/15	23.31		754.29					
06/13/16	24.80		752.80					
06/05/17	23.89		753.71					
07/16/18	26.12		751.48					
08/12/19	25.53		752.07					
MW-34(85)	I		04/05/10		777.54		24.21	753.33
			08/02/10				24.71	752.83
		12/06/10	25.30	752.24				

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-34(110)	I	03/21/11	777.58	24.34	753.20
		09/19/11		25.43	752.11
		04/09/12		24.31	753.23
		12/17/12		25.90	751.64
		04/29/13		23.18	754.36
		06/16/14		24.56	752.98
		06/30/15		23.28	754.26
		06/13/16		24.80	752.74
		06/05/17		23.86	753.68
		07/16/18		26.13	751.41
		08/12/19		25.51	752.03
		04/05/10		24.24	753.34
		08/02/10		24.45	753.13
		12/06/10		25.35	752.23
		03/21/11		24.36	753.22
		09/19/11		25.45	752.13
		04/09/12		24.28	753.30
		12/17/12		25.95	751.63
		04/29/13		23.23	754.35
06/16/14	24.59	752.99			
06/30/15	23.31	754.27			
06/13/16	24.81	752.77			
06/05/17	23.88	753.70			
07/16/18	26.16	751.42			
08/12/19	25.55	752.03			
MW-34(135)	D	04/05/10	777.57	24.21	753.36
		08/02/10		24.41	753.16
		12/06/10		25.32	752.25
		03/21/11		24.31	753.26
		09/19/11		25.43	752.14
		04/09/12		24.32	753.25
		12/17/12		25.90	751.67
		04/29/13		22.18	755.39
		06/16/14		24.56	753.01
		06/30/15		23.29	754.28
		06/13/16		24.80	752.77
		06/05/17		23.96	753.61
		07/16/18		26.15	751.42
08/12/19	25.54	752.03			
MW-35(45)	S	04/05/10	781.38	28.21	753.17
		08/02/10		28.71	752.67
		12/06/10		29.32	752.06
		03/21/11		28.25	753.13
		09/19/11		29.45	751.93
		04/09/12		28.22	753.16
		12/17/12		29.91	751.47
		04/29/13		27.18	754.20
		06/16/14		28.52	752.86
		06/30/15		27.25	754.13
		06/13/16		28.80	752.58
		06/05/17		27.83	753.55
		07/16/18		30.22	751.16
08/12/19	29.60	751.78			

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-35(90)	I	04/05/10	781.37	28.21	753.16
		08/02/10		28.71	752.66
		12/06/10		29.28	752.09
		03/21/11		28.24	753.13
		09/19/11		29.42	751.95
		04/09/12		28.21	753.16
		12/17/12		29.88	751.49
		04/29/13		27.12	754.25
		06/16/14		28.53	752.84
		06/30/15		27.25	754.12
		06/13/16		28.79	752.58
		06/05/17		27.81	753.56
		07/16/18		30.22	751.15
		08/12/19		29.58	751.79
MW-35(148)	D	04/05/10	781.34	28.16	753.18
		08/02/10		28.68	752.66
		12/06/10		29.29	752.05
		03/21/11		28.20	753.14
		09/19/11		29.37	751.97
		04/09/12		28.18	753.16
		12/17/12		29.85	751.49
		04/29/13		27.18	754.16
		06/16/14		28.48	752.86
		06/30/15		27.21	754.13
		06/13/16		28.74	752.60
		06/05/17		27.75	753.59
		07/16/18		30.20	751.14
		08/12/19		29.56	751.78
MW-36(35.2)	S	04/05/10	770.03	17.05	752.98
		08/02/10		17.53	752.50
		12/06/10		18.20	751.83
		03/21/11		17.11	752.92
		09/19/11		18.20	751.83
		04/09/12		17.08	752.95
		12/17/12		18.70	751.33
		04/29/13		16.02	754.01
		06/16/14		17.39	752.64
		06/30/15		16.01	754.02
		06/13/16		17.60	752.43
		06/05/17		16.67	753.36
		07/16/18		18.75	751.28
		08/12/19		18.34	751.69
MW-36(92.4)	I	04/05/10	770.06	17.10	752.96
		08/02/10		17.60	752.46
		12/06/10		18.20	751.86
		03/21/11		17.11	752.95
		09/19/11		18.31	751.75
		04/09/12		17.12	752.94
		12/17/12		18.78	751.28
		04/29/13		16.01	754.05
		06/16/14		17.41	752.65
		06/30/15		16.06	754.00
		06/13/16		17.63	752.43
		06/05/17		16.68	753.38

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation			
MW-36(124.5)	D	07/16/18	770.09	18.97	751.09			
		08/12/19		18.45	751.61			
		04/05/10		17.09	753.00			
		08/02/10		17.59	752.50			
		12/06/10		18.20	751.89			
		03/21/11		17.11	752.98			
		09/19/11		18.31	751.78			
		04/09/12		17.12	752.97			
		12/17/12		18.78	751.31			
		04/29/13		16.02	754.07			
		06/16/14		17.42	752.67			
		06/30/15		16.06	754.03			
		06/13/16		17.68	752.41			
		06/05/17		16.69	753.40			
		07/16/18		18.97	751.12			
		08/12/19		18.43	751.66			
		MW-37(23.3)		S	04/05/10	757.91	9.39	748.52
					08/02/10		9.82	748.09
12/06/10	9.76		748.15					
03/21/11	9.37		748.54					
09/19/11	10.32		747.59					
04/09/12	9.60		748.31					
12/17/12	10.27		747.64					
04/29/13	8.24		749.67					
06/16/14	9.91		748.00					
06/30/15	6.01		751.90					
06/13/16	10.08		747.83					
06/05/17	9.37		748.54					
07/16/18	10.67		747.24					
08/12/19	10.76		747.15					
MW-37(70)	I		04/05/10		758.02		6.81	751.21
			08/02/10				7.46	750.56
			12/06/10				7.98	750.04
			03/21/11				6.67	751.35
		09/19/11	8.22	749.80				
		04/09/12	6.92	751.10				
		12/17/12	5.55	752.47				
		04/29/13	5.11	752.91				
		06/16/14	7.16	750.86				
		06/30/15	4.49	753.53				
		06/13/16	7.42	750.60				
		06/05/17	6.06	751.96				
		07/16/18	8.30	749.72				
		08/12/19	8.11	749.91				
		MW-37(98)	D	04/05/10		758.04	6.81	751.23
				08/02/10			7.45	750.59
				12/06/10			7.99	750.05
				03/21/11			6.68	751.36
09/19/11	8.22			749.82				
04/09/12	6.95			751.09				
12/17/12	5.56			752.48				
04/29/13	5.16			752.88				
06/16/14	7.19			750.85				

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
		06/30/15		5.51	752.53
		06/13/16		7.49	750.55
		06/05/17		6.04	752.00
		07/16/18		8.30	749.74
		08/12/19		8.14	749.90
MW-38(20.8)	S	04/05/10	758.49	6.83	751.66
		08/02/10		7.34	751.15
		12/06/10		7.74	750.75
		03/21/11		6.79	751.70
		09/19/11		7.98	750.51
		04/09/12		6.95	751.54
		12/17/12		8.25	750.24
		04/29/13		5.82	752.67
		06/16/14		7.21	751.28
		06/30/15		5.95	752.54
		06/13/16		7.38	751.11
		06/05/17		6.45	752.04
		07/16/18		8.11	750.38
		08/12/19		8.03	750.46
		MW-38(29.1)		S	04/05/10
08/02/10	7.34		751.15		
12/06/10	7.73		750.76		
03/21/11	6.79		751.70		
09/19/11	7.99		750.50		
04/09/12	6.95		751.54		
12/17/12	5.24		753.25		
04/29/13	5.81		752.68		
06/16/14	7.21		751.28		
06/30/15	5.95		752.54		
06/13/16	7.38		751.11		
06/05/17	6.44		752.05		
07/16/18	8.10		750.39		
08/12/19	8.01		750.48		
MW-38(69.9)	I		04/05/10		758.48
		08/02/10	6.78	751.70	
		12/06/10	7.36	751.12	
		03/21/11	6.20	752.28	
		09/19/11	7.54	750.94	
		04/09/12	6.31	752.17	
		12/17/12	7.94	750.54	
		04/29/13	4.96	753.52	
		06/16/14	6.59	751.89	
		06/30/15	5.14	753.34	
		06/13/16	6.82	751.66	
		06/05/17	5.67	752.81	
		07/16/18	8.01	750.47	
		08/12/19	7.61	750.87	
		MW-38(102.5)	D	04/05/10	
08/02/10	6.79			751.71	
12/06/10	7.37			751.13	
03/21/11	6.20			752.30	
09/19/11	7.51			750.99	
04/09/12	6.31			752.19	

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-39(13)	S	12/17/12	754.88	7.95	750.55
		04/29/13		4.98	753.52
		06/16/14		6.61	751.89
		06/30/15		5.08	753.42
		06/13/16		6.82	751.68
		06/05/17		5.68	752.82
		07/16/18		8.00	750.50
		08/12/19		7.64	750.86
		04/05/10		3.99	750.89
		08/02/10		4.46	750.42
		12/06/10		4.66	750.22
		03/21/11		3.96	750.92
		09/19/11		4.94	749.94
		04/09/12		7.15	747.73
		12/17/12		5.15	749.73
04/29/13	3.10	751.78			
06/16/14	4.41	750.47			
06/30/15	3.29	751.59			
06/13/16	4.58	750.30			
06/05/17	3.73	751.15			
07/16/18	5.11	749.77			
08/12/19	5.09	749.79			
MW-39(29.3)	I	04/05/10	754.91	3.43	751.48
		08/02/10		4.22	750.69
		12/06/10		4.54	750.37
		03/21/11		3.68	751.23
		09/19/11		4.79	750.12
		04/09/12		3.87	751.04
		12/17/12		5.05	749.86
		04/29/13		2.69	752.22
		06/16/14		4.12	750.79
		06/30/15		2.90	752.01
		06/13/16		4.30	750.61
		06/05/17		3.37	751.54
		07/16/18		4.95	749.96
		08/12/19		4.89	750.02
		MW-39(76.8)		D	04/05/10
08/02/10	4.08		750.79		
12/06/10	4.62		750.25		
03/21/11	3.33		751.54		
09/19/11	4.83		750.04		
04/09/12	3.57		751.30		
12/17/12	5.19		749.68		
04/29/13	1.85		753.02		
06/16/14	3.82		751.05		
06/30/15	2.16		752.71		
06/13/16	4.05		750.82		
06/05/17	3.71		751.16		
07/16/18	4.99		749.88		
08/12/19	4.78		750.09		
MW-40(198.8)	B		04/05/10		826.19
		08/02/10	40.48	785.71	
		12/06/10	41.61	784.58	

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation			
MW-41(190)	B	03/21/11	810.19	41.83	784.36			
		09/19/11		41.14	785.05			
		04/09/12		40.20	785.99			
		12/17/12		42.63	783.56			
		03/04/13		42.94	783.25			
		04/29/13		42.28	783.91			
		06/16/14		41.35	784.84			
		06/30/15		41.75	784.44			
		06/13/16		42.04	784.15			
		06/05/17		41.78	784.41			
		07/16/18		41.75	784.44			
		08/12/19		41.79	784.40			
		04/05/10		26.63	783.56			
		08/02/10		26.42	783.77			
		12/06/10		27.98	782.21			
		03/21/11		27.96	782.23			
		09/19/11		27.39	782.80			
		04/09/12		26.08	784.11			
		12/17/12		29.64	780.55			
03/04/13	29.01	781.18						
04/29/13	28.00	782.19						
06/16/14	27.65	782.54						
06/30/15	27.56	782.63						
06/13/16	27.88	782.31						
06/05/17	27.89	782.30						
07/16/18	27.68	782.51						
08/12/19	27.92	782.27						
MW-42(175.3)	B	04/05/10	793.89	9.04	784.85			
		08/02/10		5.56	788.33			
		12/06/10		10.02	783.87			
		03/21/11		10.19	783.70			
		09/19/11		9.38	784.51			
		04/09/12		8.51	785.38			
		12/17/12		10.94	782.95			
		03/04/13		11.25	782.64			
		04/29/13		10.61	783.28			
		06/16/14		10.02	783.87			
		06/30/15		10.21	783.68			
		06/13/16		10.77	783.12			
		06/05/17		10.19	783.70			
		07/16/18		10.21	783.68			
		08/12/19		10.19	783.70			
		MW-43(190)		B	04/05/10	809.62	25.76	783.86
					08/02/10		25.60	784.02
					12/06/10		27.01	782.61
					03/21/11		27.11	782.51
09/19/11	26.61		783.01					
04/09/12	25.34		784.28					
12/17/12	27.91		781.71					
03/04/13	28.24		781.38					
04/29/13	27.26		782.36					
06/16/14	26.91		782.71					
06/30/15	26.81		782.81					
06/13/16	27.11		782.51					

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-44(185.9)	B	06/05/17	804.02	27.15	782.47
		07/16/18		26.91	782.71
		08/12/19		27.15	782.47
		04/05/10		21.61	782.41
		08/02/10		21.28	782.74
		12/06/10		22.64	781.38
		03/21/11		22.75	781.27
		09/19/11		23.16	780.86
		04/09/12		21.14	782.88
		12/17/12		23.68	780.34
		03/04/13		23.88	780.14
		04/29/13		23.00	781.02
		06/16/14		22.58	781.44
		06/30/15		22.65	781.37
		06/13/16		NM	NM
		06/05/17		22.87	781.15
		07/16/18		22.98	781.04
08/12/19	23.05	780.97			
MW-45(185)	B	04/05/10	810.22	26.81	783.41
		08/02/10		26.65	783.57
		12/06/10		28.02	782.20
		03/21/11		28.11	782.11
		09/19/11		27.61	782.61
		04/09/12		26.35	783.87
		12/17/12		28.96	781.26
		03/04/13		29.11	781.11
		04/29/13		28.21	782.01
		06/16/14		27.76	782.46
		06/30/15		27.79	782.43
		06/13/16		27.85	782.37
		06/05/17		29.96	780.26
		07/16/18		27.88	782.34
08/12/19	28.02	782.20			
MW-46(95.5)	I	04/05/10	814.41	58.50	755.91
		08/02/10		58.98	755.43
		12/06/10		59.62	754.79
		03/21/11		58.67	755.74
		09/19/11		59.67	754.74
		04/09/12		58.41	756.00
		12/17/12		60.21	754.20
		04/29/13		57.83	756.58
		06/16/14		58.88	755.53
		06/30/15		57.81	756.60
		06/13/16		59.17	755.24
		06/05/17		NM	NM
		07/16/18		61.75	752.66
		08/12/19		60.08	754.33
MW-47(109.7)	I	04/05/10	818.47	36.85	781.62
		08/02/10		36.64	781.83
		12/06/10		37.18	781.29
		03/21/11		38.00	780.47
		09/19/11		37.33	781.14
		04/09/12		36.35	782.12

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-47(137.8)	I	12/17/12	818.46	38.78	779.69
		04/29/13		38.13	780.34
		06/16/14		37.61	780.86
		06/30/15		37.69	780.78
		06/13/16		38.05	780.42
		06/05/17		37.74	780.73
		07/16/18		38.00	780.47
		08/12/19		37.65	780.82
		04/05/10		37.79	780.67
		08/02/10		36.55	781.91
		12/06/10		37.78	780.68
		03/21/11		37.94	780.52
		09/19/11		37.28	781.18
		04/09/12		36.26	782.20
		12/17/12		38.70	779.76
		04/29/13		38.08	780.38
06/16/14	37.49	780.97			
06/30/15	37.68	780.78			
06/13/16	37.98	780.48			
06/05/17	37.67	780.79			
07/16/18	37.91	780.55			
08/12/19	37.56	780.90			
MW-48(56)	I	04/05/10	806.85	24.86	781.99
		08/02/10		24.82	782.03
		12/06/10		26.07	780.78
		03/21/11		25.89	780.96
		09/19/11		25.31	781.54
		04/09/12		24.64	782.21
		12/17/12		27.21	779.64
		03/04/13		26.96	779.89
		04/29/13		25.90	780.95
		06/16/14		25.04	781.81
		06/30/15		25.22	781.63
		02/22/16		25.97	780.88
		06/13/16		25.45	781.40
		06/05/17		25.36	781.49
		07/16/18		25.26	781.59
		08/12/19		25.26	781.59
MW-48(105)	I	04/05/10	806.92	26.28	780.64
		08/02/10		26.11	780.81
		12/06/10		27.67	779.25
		03/21/11		27.47	779.45
		09/19/11		26.64	780.28
		04/09/12		25.03	781.89
		12/17/12		28.89	778.03
		03/04/13		28.61	778.31
		04/29/13		27.54	779.38
		06/16/14		26.35	780.57
		06/30/15		26.55	780.37
		02/22/16		27.81	779.11
		06/13/16		26.81	780.11
		06/05/17		26.69	780.23
		07/16/18		26.58	780.34
		08/12/19		26.56	780.36

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-48(129)	I	04/05/10	806.93	26.27	780.66
		08/02/10		26.14	780.79
		12/06/10		27.69	779.24
		03/21/11		27.49	779.44
		09/19/11		26.63	780.30
		04/09/12		25.84	781.09
		12/17/12		28.92	778.01
		03/04/13		28.61	778.32
		04/29/13		27.56	779.37
		06/16/14		26.39	780.54
		06/30/15		26.56	780.37
		02/22/16		27.81	779.12
		06/13/16		26.97	779.96
		06/05/17		26.74	780.19
		07/16/18		26.60	780.33
		08/12/19		26.61	780.32
MW-48(159)	D	04/05/10	806.93	24.77	782.16
		08/02/10		24.76	782.17
		12/06/10		26.18	780.75
		03/21/11		25.99	780.94
		09/19/11		25.44	781.49
		04/09/12		24.41	782.52
		12/17/12		27.31	779.62
		03/04/13		27.28	779.65
		04/29/13		26.20	780.73
		06/16/14		25.68	781.25
		06/30/15		25.61	781.32
		02/22/16		26.95	779.98
		06/13/16		26.45	780.48
		06/05/17		25.78	781.15
		07/16/18		26.02	780.91
		08/12/19		26.36	780.57
MW-49(20)	S	04/05/10	792.30	11.88	780.42
		08/02/10		11.68	780.62
		12/06/10		13.52	778.78
		03/21/11		13.05	779.25
		09/19/11		12.46	779.84
		04/09/12		11.50	780.80
		12/17/12		14.73	777.57
		03/04/13		14.31	777.99
		04/29/13		12.62	779.68
		06/16/14		12.01	780.29
		06/30/15		11.81	780.49
		06/13/16		12.65	779.65
		06/05/17		12.44	779.86
		07/16/18		12.37	779.93
		08/12/19		12.42	779.88
		MW-49(45)		I	04/05/10
08/02/10	5.85		786.39		
12/06/10	10.12		782.12		
03/21/11	9.76		782.48		
09/19/11	9.38		782.86		
04/09/12	8.32		783.92		

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation			
MW-49(95)	I	12/17/12	792.12	10.95	781.29			
		03/04/13		10.88	781.36			
		04/29/13		9.32	782.92			
		06/16/14		9.81	782.43			
		06/30/15		9.04	783.20			
		06/13/16		9.71	782.53			
		06/05/17		9.38	782.86			
		07/16/18		9.45	782.79			
		08/12/19		9.31	782.93			
		04/05/10		9.31	782.81			
		12/06/10		10.12	782.00			
		08/02/10		5.85	786.27			
		03/21/11		10.22	781.90			
		09/19/11		9.62	782.50			
		04/09/12		8.60	783.52			
		12/17/12		11.01	781.11			
		03/04/13		11.26	780.86			
04/29/13	10.37	781.75						
06/16/14	9.81	782.31						
06/30/15	9.91	782.21						
06/13/16	10.22	781.90						
06/05/17	9.96	782.16						
07/16/18	10.03	782.09						
08/12/19	9.83	782.29						
MW-49(200)	D	04/05/10	792.26	32.64	759.62			
		08/02/10		33.03	759.23			
		12/06/10		33.71	758.55			
		03/21/11		32.91	759.35			
		09/19/11		33.68	758.58			
		04/09/12		32.47	759.79			
		12/17/12		34.34	757.92			
		03/04/13		34.61	757.65			
		04/29/13		32.16	760.10			
		06/16/14		33.01	759.25			
		06/30/15		32.01	760.25			
		06/13/16		33.45	758.81			
		06/05/17		32.54	759.72			
		07/16/18		34.68	757.58			
		08/12/19		34.23	758.03			
		MW-50(45)		S	04/05/10	770.58	6.71	763.87
					08/02/10		7.01	763.57
12/06/10	8.11		762.47					
03/21/11	7.14		763.44					
09/19/11	7.68		762.90					
04/09/12	6.65		763.93					
12/17/12	9.04		761.54					
04/29/13	6.31		764.27					
06/16/14	6.92		763.66					
06/30/15	6.18		764.40					
06/13/16	7.40		763.18					
06/05/17	6.79		763.79					
07/16/18	7.56		763.02					
08/12/19	7.72		762.86					

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-50(80)	I	04/05/10	770.61	7.72	762.89
		08/02/10		8.04	762.57
		12/06/10		9.06	761.55
		03/21/11		8.12	762.49
		09/19/11		8.69	761.92
		04/09/12		7.65	762.96
		12/17/12		9.94	760.67
		04/29/13		7.31	763.30
		06/16/14		7.91	762.70
		06/30/15		7.10	763.51
		06/13/16		8.44	762.17
		06/05/17		7.78	762.83
		07/16/18		8.59	762.02
		08/12/19		8.73	761.88
MW-50(130)	D	04/05/10	770.56	10.30	760.26
		08/02/10		11.02	759.54
		12/06/10		11.53	759.03
		03/21/11		10.47	760.09
		09/19/11		11.33	759.23
		04/09/12		9.71	760.85
		12/17/12		11.85	758.71
		04/29/13		9.13	761.43
		06/16/14		9.82	760.74
		06/30/15		5.71	764.85
		06/13/16		10.22	760.34
		06/05/17		9.24	761.32
		07/16/18		11.31	759.25
		08/12/19		11.26	759.30
MW-51(25)	S	04/05/10	757.19	3.53	753.66
		08/02/10		3.89	753.30
		12/06/10		4.26	752.93
		03/21/11		3.56	753.63
		09/19/11		4.31	752.88
		04/09/12		3.00	754.19
		12/17/12		4.72	752.47
		04/29/13	756.74	2.14	754.60
		06/16/14		3.19	753.55
		06/30/15		2.21	754.53
		06/13/16		3.40	753.34
		06/05/17		2.78	753.96
		07/16/18		3.81	752.93
		08/12/19		3.78	752.96
MW-51(70)	I	04/05/10	757.18	3.53	753.65
		08/02/10		3.89	753.29
		12/06/10		4.27	752.91
		03/21/11		3.58	753.60
		09/19/11		4.32	752.86
		04/09/12		3.63	753.55
		12/17/12		4.75	752.43
		04/29/13	756.74	2.18	754.56
		06/16/14		3.21	753.53
		06/30/15		2.21	754.53
		06/13/16		3.46	753.28
		06/05/17		2.81	753.93

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-51(117)	D	07/16/18	757.19	3.84	752.90
		08/12/19		3.82	752.92
		04/05/10	756.75	4.48	752.71
		08/02/10		5.01	752.18
		12/06/10		5.58	751.61
		03/21/11		4.54	752.65
		09/19/11		5.72	751.47
		04/09/12		4.58	752.61
		12/17/12		6.16	751.03
		04/29/13		2.81	753.94
		06/16/14		4.34	752.41
		06/30/15		2.91	753.84
		06/13/16	4.60	752.15	
		06/05/17	3.52	753.23	
		07/16/18	5.65	751.10	
		08/12/19	5.33	751.42	
		MW-52(55)	I	04/05/10	798.84
08/02/10	13.11			785.73	
12/06/10	14.22			784.62	
03/21/11	14.40			784.44	
09/19/11	13.82			785.02	
04/09/12	12.75			786.09	
12/17/12	15.09			783.75	
03/04/13	15.35			783.49	
04/29/13	14.68			784.16	
06/16/14	14.01			784.83	
06/30/15	15.29			783.55	
02/22/16	15.08			783.76	
06/13/16	14.40			784.44	
06/05/17	14.10			784.74	
07/16/18	14.05			784.79	
08/12/19	13.93			784.91	
MW-52(148)	D			04/05/10	
		08/02/10	14.36	784.45	
		12/06/10	15.54	783.27	
		03/21/11	15.65	783.16	
		09/19/11	15.07	783.74	
		04/09/12	14.05	784.76	
		12/17/12	16.37	782.44	
		03/04/13	16.62	782.19	
		04/29/13	15.86	782.95	
		06/16/14	15.25	783.56	
		06/30/15	15.41	783.40	
		02/22/16	16.37	782.44	
		06/13/16	15.61	783.20	
		06/05/17	15.36	783.45	
		07/16/18	15.31	783.50	
		08/12/19	16.21	782.60	
		MW-53(41)	S	04/05/10	809.87
08/02/10	24.15			785.72	
12/06/10	25.26			784.61	
03/21/11	25.07			784.80	
09/19/11	24.74			785.13	

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
		04/09/12		23.82	786.05
		12/17/12		26.21	783.66
		03/04/13		26.11	783.76
		04/29/13		24.94	784.93
		06/16/14		24.41	785.46
		06/30/15		24.61	785.26
		06/13/16		24.76	785.11
		06/05/17		24.54	785.33
		07/16/18		24.60	785.27
		08/12/19		24.68	785.19
MW-55(49)	I	04/05/10	799.24	12.41	786.83
		08/02/10		12.27	786.97
		12/06/10		13.46	785.78
		03/21/11		13.25	785.99
		09/19/11		13.07	786.17
		04/09/12		11.91	787.33
		12/17/12		14.57	784.67
		03/04/13		14.34	784.90
		04/29/13		12.87	786.37
		06/16/14		12.55	786.69
06/30/15	12.42	786.82			
02/22/16	13.77	785.47			
06/13/16	13.04	786.20			
06/05/17	12.69	786.55			
07/16/18	12.90	786.34			
08/12/19	12.94	786.30			
MW-56(50)	I	04/05/10	797.23	10.67	786.56
		08/02/10		10.56	786.67
		12/06/10		11.88	785.35
		03/21/11		11.50	785.73
		09/19/11		11.28	785.95
		04/09/12		10.14	787.09
		12/17/12		12.71	784.52
		03/04/13		12.55	784.68
		04/29/13		11.14	786.09
		06/16/14		10.75	786.48
06/30/15	12.62	784.61			
02/22/16	11.97	785.26			
06/13/16	11.21	786.02			
06/05/17	10.89	786.34			
07/16/18	11.11	786.12			
08/12/19	11.09	786.14			
MW-57(38)	S	04/05/10	795.51	7.59	787.92
		08/02/10		7.41	788.10
		12/06/10		6.01	789.50
		03/21/11		8.51	787.00
		09/19/11		8.54	786.97
		04/09/12		7.05	788.46
		12/17/12		9.99	785.52
		03/04/13		9.68	785.83
		04/29/13		7.91	787.60
		06/16/14		7.81	787.70
06/30/15	7.61	787.90			
02/22/16	9.19	786.32			

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-59(29)	S	06/13/16	799.57	8.45	787.06
		06/05/17		8.06	787.45
		07/16/18		7.33	788.18
		08/12/19		8.34	787.17
		04/05/10		13.89	785.68
		08/02/10		13.81	785.76
		12/06/10		15.02	784.55
		03/21/11		14.75	784.82
		09/19/11		14.43	785.14
		04/09/12		13.54	786.03
		09/27/12		15.44	784.13
		12/17/12		15.88	783.69
		12/28/12		15.96	783.61
		01/07/13		16.00	783.57
		03/04/13		15.81	783.76
		04/29/13		14.68	784.89
		06/16/14		14.09	785.48
		06/30/15		14.09	785.48
		02/22/16		15.15	784.42
		06/13/16		14.36	785.21
06/05/17	14.18	785.39			
07/16/18	14.20	785.37			
08/12/19	14.18	785.39			
MW-59(46)	I	04/05/10	799.25	13.48	785.77
		08/02/10		13.39	785.86
		12/06/10		14.62	784.63
		03/21/11		14.35	784.90
		09/19/11		14.06	785.19
		04/09/12		13.14	786.11
		09/26/12		15.07	784.18
		12/17/12		15.53	783.72
		12/28/12		15.56	783.69
		01/07/13		15.64	783.61
		03/04/13		15.41	783.84
		04/29/13		14.23	785.02
		06/16/14		13.69	785.56
		06/30/15		13.75	785.50
		02/22/16		14.77	784.48
		06/13/16		14.02	785.23
		06/05/17		13.80	785.45
		07/16/18		13.89	785.36
		08/12/19		13.87	785.38
		MW-60(38)		S	04/05/10
08/02/10	12.51		786.00		
12/06/10	13.72		784.79		
03/21/11	13.45		785.06		
09/19/11	13.18		785.33		
04/09/12	798.51		12.20		786.31
09/26/12			14.18		784.33
12/17/12			14.91		783.60
12/28/12			14.74		783.77
01/07/13			14.71		783.80
03/04/13			14.50		784.01
04/29/13			13.29		785.22

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-61(26)	S	06/16/14	802.27	12.73	785.78
		06/30/15		12.81	785.70
		02/22/16		13.88	784.63
		06/13/16		13.15	785.36
		06/05/17		12.88	785.63
		07/16/18		12.98	785.53
		08/12/19		12.97	785.54
		04/05/10		16.60	785.67
		08/02/10		16.49	785.78
		12/06/10		17.73	784.54
		03/21/11		17.46	784.81
		09/19/11		17.16	785.11
		04/09/12		16.24	786.03
		12/17/12		18.62	783.65
		03/04/13		18.52	783.75
		04/29/13		17.39	784.88
		MW-62(36)		S	06/16/14
06/30/15	16.89		785.38		
02/22/16	17.91		784.36		
06/13/16	17.15		785.12		
06/05/17	16.91		785.36		
07/16/18	16.98		785.29		
08/12/19	16.94		785.33		
04/05/10	25.25		785.46		
08/02/10	25.21		785.50		
12/06/10	26.34		784.37		
03/21/11	26.13		784.58		
09/19/11	25.82		784.89		
04/09/12	24.91		785.80		
12/17/12	27.26		783.45		
03/04/13	27.16		783.55		
04/29/13	26.02		784.69		
06/16/14	25.48		785.23		
06/30/15	25.61	785.10			
02/22/16	26.53	784.18			
06/13/16	25.74	784.97			
06/05/17	25.57	785.14			
07/16/18	25.63	785.08			
08/12/19	25.65	785.06			
MW-65(32)	S	04/05/10	809.40	23.87	785.53
		08/02/10		23.85	785.55
		12/06/10		24.98	784.42
		03/21/11		24.76	784.64
		09/19/11		24.48	784.92
		04/09/12		23.56	785.84
		12/17/12		25.91	783.49
		03/04/13		25.80	783.60
		04/29/13		24.70	784.70
		06/16/14		24.11	785.29
		06/30/15		24.21	785.19
		02/22/16		25.18	784.22
		06/13/16		24.45	784.95
		06/05/17		24.24	785.16
		07/16/18		24.30	785.10

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-67(30)	S	08/12/19	809.53	24.37	785.03
		04/05/10		23.61	785.92
		08/02/10		23.81	785.72
		12/06/10		24.99	784.54
		03/21/11		24.78	784.75
		09/19/11		24.44	785.09
		04/09/12		23.67	785.86
		09/26/12		25.44	784.09
		12/17/12		25.84	783.69
		03/04/13		25.81	783.72
		04/29/13		24.75	784.78
		06/16/14		24.15	785.38
		06/30/15		24.25	785.28
		06/13/16		24.42	785.11
		06/05/17		NM	NM
		07/16/18		24.24	785.29
08/12/19	24.25	785.28			
MW-68(32)	S	04/05/10	809.46	23.85	785.61
		08/02/10		23.76	785.70
		12/06/10		24.94	784.52
		03/21/11		24.71	784.75
		09/19/11		24.42	785.04
		04/09/12		23.50	785.96
		12/17/12		25.81	783.65
		03/04/13		25.72	783.74
		04/29/13		24.67	784.79
		06/16/14		24.05	785.41
		06/30/15		24.20	785.26
		06/13/16		24.35	785.11
		06/05/17		24.17	785.29
		07/16/18		24.17	785.29
		08/12/19		24.28	785.18
		MW-71(33)		S	04/05/10
08/02/10	23.44		785.71		
12/06/10	24.61		784.54		
03/21/11	24.40		784.75		
09/19/11	24.06		785.09		
04/09/12	23.19		785.96		
12/17/12	25.48		783.67		
03/04/13	25.49		783.66		
04/29/13	24.35		784.80		
06/16/14	23.71		785.44		
06/30/15	23.89		785.26		
06/13/16	24.02		785.13		
06/05/17	23.87		785.28		
07/16/18	23.87		785.28		
08/12/19	23.65		785.50		
MW-72(32)	S		04/05/10		808.92
		08/02/10	23.24	785.68	
		12/06/10	24.41	784.51	
		03/21/11	24.21	784.71	
		09/19/11	23.88	785.04	
		04/09/12	22.99	785.93	

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-75(32)	S	12/17/12	809.39	25.38	783.54
		03/04/13		25.22	783.70
		04/29/13		24.15	784.77
		06/16/14		23.51	785.41
		06/30/15		23.61	785.31
		06/13/16		23.83	785.09
		06/05/17		23.66	785.26
		07/16/18		23.67	785.25
		08/12/19		23.98	784.94
		04/05/10		23.93	785.46
		08/02/10		23.86	785.53
		12/06/10		25.02	784.37
		03/21/11		24.91	784.48
		09/19/11		24.49	784.90
		04/09/12		23.58	785.81
		12/17/12		25.91	783.48
		03/04/13		26.81	782.58
		04/29/13		24.73	784.66
		06/16/14		Not Accessible	
06/30/15	24.41	784.98			
02/22/16	25.24	784.15			
06/13/16	24.48	784.91			
06/05/17	24.25	785.14			
07/16/18	24.32	785.07			
08/12/19	23.45	785.94			
MW-76(30)	S	12/17/12	809.28	25.41	783.87
		03/04/13		25.54	783.74
		04/29/13		24.49	784.79
		06/16/14		23.91	785.37
		06/30/15		23.99	785.29
		02/22/16		24.92	784.36
		06/13/16		24.12	785.16
		06/05/17		23.97	785.31
		07/16/18		23.98	785.30
		08/12/19		23.95	785.33
MW-77(41)	S	12/17/12	809.39	25.88	783.51
		03/04/13		25.78	783.61
		04/29/13		24.69	784.70
		06/16/14		24.10	785.29
		06/30/15		24.26	785.13
		02/22/16		25.15	784.24
		06/13/16		24.40	784.99
		06/05/17		24.20	785.19
		07/16/18		24.26	785.13
		08/12/19		24.28	785.11
MW-78(35)	S	12/17/12	809.30	25.91	783.39
		03/04/13		25.71	783.59
		04/29/13		24.64	784.66
		06/16/14		Not Accessible	
		06/30/15		24.21	785.09
		02/22/16		25.12	784.18
		06/13/16		24.34	784.96
		06/05/17		24.12	785.18

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-79(30)	S	07/16/18	809.26	24.20	785.10
		08/12/19		24.29	785.01
		12/17/12		25.78	783.48
		03/04/13		25.68	783.58
		04/29/13		24.58	784.68
		06/16/14		23.99	785.27
		06/30/15		24.11	785.15
		2/22/16 ⁽⁴⁾		NM	NM
		06/13/16		24.29	784.97
		06/05/17		24.08	785.18
		07/16/18		NM	NM
		08/12/19		24.29	784.97
		MW-80(19)		S	12/17/12
03/04/13	8.24		784.75		
04/29/13	6.81		786.18		
06/16/14	6.40		786.59		
06/30/15 ⁽³⁾	NM		NM		
MW-81(27)	S	11/05/12	798.34	14.21	784.13
		12/17/12		14.58	783.76
		12/27/12		14.64	783.70
		01/07/13		14.58	783.76
		03/04/13		14.24	784.10
		04/29/13		12.99	785.35
		06/16/14		12.59	785.75
		06/30/15		7.31	791.03
		02/22/16		13.57	784.77
		06/13/16		12.87	785.47
		06/05/17		12.51	785.83
		07/16/18		12.64	785.70
		08/12/19		12.66	785.68
MW-81(45)	I	12/17/12	797.68	13.97	783.71
		12/27/12		14.01	783.67
		01/07/13		14.09	783.59
		03/04/13		13.86	783.82
		04/29/13		12.72	784.96
		06/16/14		12.15	785.53
		06/30/15 ⁽³⁾		NM	NM
MW-82(58)	I	12/17/12	807.38	23.99	783.39
		03/04/13		23.86	783.52
		04/29/13		22.79	784.59
		06/16/14		22.19	785.19
		06/30/15		22.32	785.06
		02/22/16		23.25	784.13
		06/13/16		22.45	784.93
		06/05/17		22.28	785.10
		07/16/18		22.35	785.03
		08/12/19		22.34	785.04
MW-83(64)	I	12/17/12	807.67	24.28	783.39
		03/04/13		24.30	783.37
		04/29/13		23.12	784.55

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation			
MW-84(44)	S	06/16/14	824.91	22.51	785.16			
		06/30/15		22.31	785.36			
		06/13/16		22.85	784.82			
		06/05/17		22.65	785.02			
		07/16/18		22.71	784.96			
		08/12/19		22.69	784.98			
		12/17/12		41.74	783.17			
		03/04/13		41.64	783.27			
		04/29/13		40.61	784.30			
		06/16/14		40.01	784.90			
		06/30/15		40.18	784.73			
		02/22/16		41.10	783.81			
		06/13/16		40.35	784.56			
		06/05/17		40.13	784.78			
MW-84(65)	I	07/16/18	824.56	40.19	784.72			
		08/12/19		40.19	784.72			
		12/17/12		41.61	782.95			
		03/04/13		41.52	783.04			
		04/29/13		40.49	784.07			
		06/16/14		39.84	784.72			
		06/30/15		40.02	784.54			
		02/22/16		40.93	783.63			
		06/13/16		40.20	784.36			
		06/05/17		39.99	784.57			
		07/16/18		40.04	784.52			
		08/12/19		40.05	784.51			
		MW-85(39)		S	12/17/12	796.49	23.93	772.56
					03/04/13		13.28	783.21
04/29/13	12.22		784.27					
06/16/14	11.59		784.90					
06/30/15	11.75		784.74					
02/22/16	12.66		783.83					
06/13/16	11.86		784.63					
06/05/17	11.68		784.81					
07/16/18	11.70		784.79					
08/12/19	11.68		784.81					
MW-85(70)	I		12/17/12		796.44		13.55	782.89
			03/04/13				13.48	782.96
			04/29/13				12.44	784.00
			06/16/14				11.81	784.63
		06/30/15	11.99	784.45				
		02/22/16	12.83	783.61				
		06/13/16	12.07	784.37				
		06/05/17	11.89	784.55				
		07/16/18	11.92	784.52				
		08/12/19	11.90	784.54				
		MW-85(130)	D	12/17/12		796.46	13.13	783.33
				03/04/13			13.08	783.38
				04/29/13			12.01	784.45
				06/16/14			11.40	785.06
06/30/15	11.57			784.89				
02/22/16	12.47			783.99				

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
MW-89(28)	S	06/13/16	797.77	11.70	784.76
		06/05/17		11.49	784.97
		07/16/18		12.57	783.89
		08/12/19		11.55	784.91
		12/17/12		14.06	783.71
		03/04/13		13.96	783.81
		04/29/13		12.79	784.98
		06/16/14		12.22	785.55
		06/30/15		11.97	785.80
		02/22/16		13.32	784.45
		06/13/16		12.60	785.17
		06/05/17		12.30	785.47
		07/16/18		12.42	785.35
		08/12/19		12.41	785.36
		INJ-1		S	11/28/12
12/17/12	11.06		784.49		
06/30/15 ⁽³⁾	NM		NM		
INJ-2	S	12/17/12	798.42	14.52	783.90
		03/04/13		14.31	784.11
		06/30/15		NM	NM
		06/13/16		NM	NM
		06/05/17		12.45	785.97
06/05/17	NM	NM			
INJ-3	S	12/17/12	798.61	14.88	783.73
		03/04/13		14.68	783.93
		06/30/15 ⁽³⁾		NM	NM
OW-3E	S	12/17/12	800.56	16.66	783.90
OW-3N	S	12/17/12	800.26	16.32	783.94
OW-6N	S	12/17/12	800.05	16.11	783.94
OW-6W	S	12/17/12	800.29	16.34	783.95
		03/04/13		16.22	784.07
		04/29/13		15.00	785.29
		06/16/14		14.45	785.84
OW-10E	S	12/17/12	800.66	16.77	783.89
OW-15E	S	12/17/12	800.87	16.99	783.88
OW-15N	S	12/17/12	799.49	15.57	783.92
OW-25E	S	12/17/12	801.12	17.25	783.87
OW-25N	S	12/17/12	798.83	14.91	783.92
OW-33E	S	12/17/12	801.45	17.63	783.82
OW-1(28)	S	06/30/15	805.18	20.20	784.98
		02/22/16		21.09	784.09

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
OW-1(39)	I	06/13/16	805.15	20.30	784.88
		06/05/17		20.14	785.04
		07/16/18		20.22	784.96
		08/12/19		20.17	785.01
		06/30/15		20.19	784.96
		02/22/16		21.09	784.06
		06/13/16		20.28	784.87
		06/05/17		20.12	785.03
		07/16/18		20.20	784.95
		08/12/19		20.16	784.99
OW-2(33)	S	06/30/15	805.54	20.71	784.83
		02/22/16		21.52	784.02
		06/13/16		20.85	784.69
		06/05/17		20.66	784.88
		07/16/18		NM	NM
		08/12/19		20.68	784.86
OW-2(53)	I	06/30/15	805.50	20.61	784.89
		02/22/16		21.57	783.93
		06/13/16		20.80	784.70
		06/05/17		20.58	784.92
		07/16/18		NM	NM
		08/12/19		20.64	784.86
OW-3(35)	S	06/30/15	801.72	17.10	784.62
		02/22/16		18.02	783.70
		06/13/16		17.25	784.47
		06/05/17		16.95	784.77
		07/16/18		17.10	784.62
		08/12/19		NM	NM
OW-3(55)	I	06/30/15	801.66	17.02	784.64
		02/22/16		17.85	783.81
		06/05/17		16.91	784.75
		06/13/16		17.14	784.52
		06/05/17		16.91	784.75
		07/16/18		17.06	784.60
		08/12/19		NM	NM
OW-4(35)	S	06/30/15	801.35	17.09	784.26
		02/22/16		17.73	783.62
		06/13/16		17.25	784.10
		06/05/17		17.05	784.30
		07/16/18		NM	NM
		08/12/19		18.14	783.21
OW-4(54)	I	06/30/15	801.33	17.02	784.31
		02/22/16		17.88	783.45
		06/13/16		17.19	784.14
		06/05/17		16.97	784.36
		07/16/18		NM	NM
		08/12/19		17.04	784.29
OW-5(16)	S	06/30/15	790.72	8.19	782.53
		02/22/16		9.02	781.70

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
		06/13/16		8.48	782.24
		06/05/17		8.21	782.51
		07/16/18		8.35	782.37
		08/12/19		8.29	782.43
OW-5(35)	I	06/30/15	790.76	7.36	783.40
		02/22/16		8.21	782.55
		06/13/16		7.57	783.19
		06/05/17		7.37	783.39
		07/16/18		7.47	783.29
		08/12/19		7.42	783.34
OW-5(44)	I	06/30/15	790.70	7.29	783.41
		02/22/16		8.15	782.55
		06/13/16		7.53	783.17
		06/05/17		7.34	783.36
		07/16/18		7.41	783.29
		08/12/19		7.36	783.34
OW-6(38)	S	06/30/15	789.27	8.00	781.27
		02/22/16		9.01	780.26
		06/13/16		8.35	780.92
		06/05/17		8.25	781.02
		07/16/18		8.21	781.06
		08/12/19		8.13	781.14
OW-6(63)	I	06/30/15	789.27	7.49	781.78
		02/22/16		8.47	780.80
		06/13/16		7.80	781.47
		06/05/17		7.61	781.66
		07/16/18		7.60	781.67
		08/12/19		7.52	781.75
PM-1	S	11/05/12	798.06	13.71	784.35
		12/28/12		13.92	784.14
		01/07/13		14.25	783.81
		03/04/13		13.74	784.32
		04/29/13		12.48	785.58
		06/30/15 ⁽³⁾		NM	NM
PM-2	S	11/05/12	798.45	14.32	784.13
		12/27/12		14.56	783.89
		01/07/13		14.85	783.60
		03/04/13		14.32	784.13
		04/29/13		14.09	784.36
		06/30/15		12.31	786.14
		02/22/16		13.82	784.63
		06/13/16		12.98	785.47
		06/05/17		12.73	785.72
		07/16/18		NM	NM
08/12/19	12.67	785.78			
PM-3	S	11/05/12	808.40	24.70	783.70
		12/28/12		24.76	783.64
		01/07/13		24.85	783.55
		03/04/13		24.63	783.77
		04/29/13		23.58	784.82

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation			
		06/16/14		22.92	785.48			
		06/30/15		23.01	785.39			
		02/22/16		24.06	784.34			
		06/13/16		23.30	785.10			
		06/05/17		25.11	783.29			
		07/16/18		23.15	785.25			
		08/12/19		23.10	785.30			
		TIW			12/17/12	800.47	16.52	783.95
ZVI-1(16.5)	S	12/17/12	790.28	9.77	780.51			
		01/08/13		9.90	780.38			
		03/04/13		9.55	780.73			
		04/03/13		9.85	780.43			
		04/29/13		8.61	781.67			
		06/16/14		8.01	782.27			
		06/30/15		8.07	782.21			
		02/22/16		8.90	781.38			
		06/13/16		8.33	781.95			
		06/05/17		8.25	782.03			
		07/16/18		8.26	782.02			
		08/12/19		8.19	782.09			
		ZVI-1(34.5)		I	12/17/12	790.26	9.63	780.63
					01/08/13		9.76	780.50
03/04/13	9.41		780.85					
04/03/13	9.36		780.90					
04/29/13	8.46		781.80					
06/16/14	7.89		782.37					
06/30/15	7.89		782.37					
02/22/16	8.72		781.54					
06/13/16	8.15		782.11					
06/05/17	7.98		782.28					
07/16/18	7.99		782.27					
08/12/19	7.95		782.31					
ZVI-2(17.5)	S		12/17/12		791.17		10.66	780.51
			01/08/13				10.77	780.40
		03/04/13	10.42	780.75				
		04/03/13	10.39	780.78				
		04/29/13	9.49	781.68				
		06/16/14	8.91	782.26				
		06/30/15	8.95	782.22				
		02/22/16	9.80	781.37				
		06/13/16	9.22	781.95				
		06/05/17	9.11	782.06				
		07/16/18	9.15	782.02				
		08/12/19	9.07	782.10				
		ZVI-2(32.5)	I	12/17/12		791.19	10.58	780.61
				01/08/13			32.50	758.69
03/04/13	10.36			780.83				
04/03/13	10.28			780.91				
04/29/13	9.40			781.79				
06/16/14	8.81			782.38				
06/30/15	8.88			782.31				
02/22/16	9.72			781.47				

Table 2
Surveyed Elevation Data and Depth to Water for Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Groundwater Unit	Date Measured	Top of Casing Elevation ⁽¹⁾	Depth to Water (btoc) ⁽²⁾	Ground Water Elevation
		06/13/16		9.10	782.09
		06/05/17		8.96	782.23
		07/16/18		9.02	782.17
		08/12/19		8.95	782.24

NM - Not measured

S - Shallow Overburden (Water Table)

I - Intermediate Overburden

D - Deep Overburden (above Bedrock)

B - Bedrock

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

⁽²⁾ Below top of casing (feet)

⁽³⁾ Well Abandoned

⁽⁴⁾ Well full of ABC

Prepared By: RLB

Checked By: RH

Table 3
Monitoring Well Network for Annual Groundwater Elevation Contour Mapping
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well ID	Monitoring Well ID	Monitoring Well ID
Shallow		
MW-1	MW-32(24.1)	MW75(32)
MW-3	MW-36(35.2)	MW76(30)
MW-5	MW-37(23.3)	MW77(41)
MW-6C	MW-38(20.8)	MW78(35)
MW-9C	MW-39(13)	MW79(30)
MW-12	MW-49(20)	MW81(27)
MW-13	MW50(45)	MW84(44)
MW-14	MW51(25)	MW85(39)
MW-17	MW53(41)	MW89(28)
MW-20(35)	MW57(38)	OW-1(28)
MW-21(40.2)	MW59(29)	OW-2(33)
MW-23(39.9)	MW60(38)	OW-3(35)
MW-24(24.9)	MW62(36)	OW-4(35)
MW-25(16.4)	MW65(32)	OW-5(16)
MW-26(17.5)	MW67(30)	OW-6(38)
MW-27(18)	MW68(32)	PM2
MW-30(41.1)	MW71(33)	PM3
MW-31(30.9)	MW72(32)	ZVI2 (17.5)
Intermediate		
MW-9B	MW-34(85)	MW56(50)
MW-15	MW-35(90)	MW82(58)
MW-19(53)	MW-36(92.4)	MW83(64)
MW-20(51)	MW-37(70)	MW84(65)
MW-24(55.4)	MW-38(69.9)	OW-1(39)
MW-25(45.2)	MW-39(29.3)	OW-2(53)
MW-26(58.2)	MW-46(95.5)	OW-3(55)
MW-27(53.05)	MW-49(45)	OW-4(54)
MW-29(82.5)	MW50(80)	OW-5(35)
MW-31(55.5)	MW51(70)	OW-6(63)
MW-32(89)	MW52(55)	ZVI2 (32.5)
MW-33(70.9)	MW55(49)	
Deep		
MW-20(155)	MW-35(148)	MW48(159)
MW-23(122.7)	MW-36(124.5)	MW-49(200)
MW-29(132.8)	MW-37(98)	MW52(148)
MW-31(139.2)	MW-38(102.5)	MW85(130)
MW-32(110)	MW-39(76.8)	
Bedrock		
MW-40(198.8)	MW-42(175.3)	MW-44(185.9)
MW-41(190)	MW-43(190)	MW-45 (185)

Prepared By: LF
Checked By: PJS

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
MW-1	MTR-MW1-G051209	05/12/09	1 U	1 U	20 U	1.3	2.5 U	3.3	3.4	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW1-G082609	08/26/09	1 U	1 U	20 U	1.4	2.5 U	3.1	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW1-G120209	12/02/09	1 U	1 U	20 U	1.3	2.5 U	3.9	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW1-G040710	04/07/10	0.78 J	1 U	20 U	1.7	2.5 U	6.0	1 U	1 U	0.42 J	1 U	2 U	1 U	1 U	0.36 J	0.89 J	2 U
	MTR-MW1-G080510	08/05/10	0.68 J	1 U	20 U	1.2	2.5 U	5.2	1.0	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.41 J	2 U
	MTR-MW1-G120810	12/08/10	0.62 J	1 U	20 U	1.4	2.5 U	7.4	1.2	1 U	0.62 J	1 U	2 U	1 U	1 U	1 U	0.87 J	2 U
	MTR-MW1-G032311	03/23/11	0.73 J	1 U	20 U	1.3	2.5 U	5.0	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1.2	2 U
	MTR-MW1-G092211	09/22/11	0.54 J	1 U	20 U	1.3	2.5 U	6.1	1.0	1 U	0.57 J	0.53 J	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW1-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	2.6	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW1-G043013	04/30/13	1 U	1 U	20 U	1.1	2.5 U	2.1	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW1-G043013R	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1.7	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW1-G062014	06/20/14	1 U	1 U	10 U	1 U	1 U	2.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW1-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW1-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW1-G060817	06/08/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW1-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW1-G081519 ⁽¹⁾	08/15/19	1 U	1 U	10 U	1 U	1 U	2.1	1 U	1 U	1.0	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-2	MTR-MW2-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW2-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW2-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW2-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-3	MTR-MW3-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	16	0.28 J	2 U	1 U	1 U	1 U	49	2 U
	MTR-MW3-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.54 J	1 U	2 U	1 U	1 U	1 U	480	2 U
	MTR-MW3-G120809	12/08/09	1 U	3.1	20 U	1 U	2.5 U	1 U	1 U	1 U	440 J	1 U	2 U	1 U	8.7	1.6	420 J	2 U
	MTR-MW3-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	270	0.41 J	2 U	1 U	1.4	1 U	400	0.64 J
	MTR-MW3-G080610	08/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	260	0.27 J	2 U	1 U	1.2	1 U	73	2 U
	MTR-MW3-G121010	12/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	67 J	0.36 J	2 U	1 U	1 U	1 U	44 J	2 U
	MTR-MW3-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	8.5	0.41 J	2 U	1 U	1 U	1 U	4.4	0.4 J
	MTR-MW3-G092611	09/26/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	0.5 J	2 U	1 U	1 U	1 U	1 J	2 U
	ATR-MW3-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW3-G050713	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW3-G062414	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW3-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW3-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW3-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	3.6	2 U
	ATR-MW3-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	20	3 U
	ATR-MW3-G082219	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.4	3 U
MW-4	MTR-MW4-G050809	05/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW4-G082809	08/28/09	1 U	1 U	1.6 J	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW4-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW4-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-5	MTR-MW5-G050809	05/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW5-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW5-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW5-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-6B	MTR-MW6B-G051409	05/14/09	1 U	0.73 J	20 U	1 U	2.5 U	1 U	1 U	1 U	67	1 U	2 U	1 U	5.5	1 U	17	2 U

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
MW-6C	MTR-MW6B-G051409R	05/14/09	1 U	0.71 J	20 U	1 U	2.5 U	1 U	1 U	1 U	64	1 U	2 U	1 U	5.1	1 U	16	2 U
	MTR-MW6B-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	19 J	1 U	2 U	1 U	1 U	1 U	4.2 J	2 U
	MTR-MW6B-G121009	12/10/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	13	1 U	2 U	1 U	1 U	1 U	1.8	2 U
	MTR-MW6B-G041910	04/19/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	12	1 U	2 U	1 U	1 U	1 U	1.9	2 U
	ATR-MW6B-G050313	05/03/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	34	1 U	2 U	1 U	3.0	1 U	19	2 U
MW-6C	MTR-MW6C-G051409	05/14/09	1 U	11	20 U	1 U	2.5 U	1 U	1 U	1 U	12000	1 U	0.84 J	1 U	68	2.7	1300	2 U
	MTR-MW6C-G090309	09/03/09	1 U	25 J	20 U	1 U	2.5 U	1 U	1 U	1 U	17000	1 U	2 U	1 U	92	12 J	3000	2 U
	MTR-MW6C-G121009	12/10/09	1 U	12	20 U	1 U	2.5 U	1 U	1 U	1 U	9000	1 U	0.97 J	1 U	94	8.3	750	2 U
	MTR-MW6C-G041910	04/19/10	1 U	11	20 U	1 U	2.5 U	1 U	1 U	1 U	7400	1 U	0.5 J	1 U	98	6.5	1000	2 U
	MTR-MW6C-G081110	08/11/10	1 U	15	20 U	1 U	2.5 U	1 U	1 U	1 U	12000	1 U	1.0 J	0.22 J	150 J	14	3800	2 U
	MTR-MW6C-G121610	12/16/10	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	7700	10 U	20 U	10 U	42	18	1000	20 U
	MTR-MW6C-G033011	03/30/11	10 U	10	30 J	10 U	25 U	10 U	10 U	10 U	6000	10 U	20 U	10 U	25	10 U	910	20 U
	MTR-MW6C-G092811	09/28/11	1 U	13	20 U	1 U	2.5 U	1 U	1 U	1 U	5200	1 U	1.1 J	1 U	38	11	690	2 U
	ATR-MW6C-G041612	04/16/12	10 U	23	200 U	10 U	25 U	10 U	10 U	10 U	16000	10 U	20 U	10 U	56	10 U	730	20 U
	ATR-MW6C-G092612	09/26/12	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	3600	10 U	20 U	10 U	10 U	10 U	1200	20 U
	ATR-MW6C-G030513	03/05/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	2400	5 U	10 U	5 U	13	5 U	740	10 U
	ATR-MW6C-G050713	05/07/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1800	5 U	10 U	5 U	10	5 U	1200	10 U
	ATR-MW6C-G050713R	05/07/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1800	5 U	10 U	5 U	12	5 U	1500	10 U
	ATR-MW6C-G062414	06/24/14	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	710	2 U	2 U	2 U	3.4	2 U	310	6 U
	ATR-MW6C-G070915	07/09/15	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	360	2 U	2 U	2 U	2.5 J	2 U	870	6 U
	ATR-MW6C-G061616	06/16/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	50	1 U	1 U	1 U	1 U	1 U	170	3 U
	ATR-MW6C-G060717	06/07/17	1 U	11	10 U	1 U	1 U	1 U	1 U	1 U	2500	1 U	1 U	1 U	27	1 U	980 J	3 U
ATR-MW6C-G072618	07/26/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	74	1 U	1 U	1 U	1 U	1 U	35	3 U	
ATR-MW6C-G082119 ⁽¹⁾	08/21/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	4.0	1 U	1 U	1 U	1 U	1 U	2.3	3 U	
MW-7	MTR-MW7-G051109	05/11/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW7-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW7-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW7-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-8	MTR-MW8-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.5	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW8-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.7	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW8-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.3	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW8-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.5	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-9A	MTR-MW9A-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9A-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9A-G120709	12/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9A-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-9B	MTR-MW9B-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9B-G051409R	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9B-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9B-G120709	12/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9B-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9B - G080610	08/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9B-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9B-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW9B-G092611	09/26/11	1 U	1 U	20 U	1 U	1.1 J	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
ATR-MW9B-G041312	04/13/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
MW-9C	ATR-MW9B-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW9B-G062314	06/23/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW9B-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW9B-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW9B-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW9B-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW9B-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	MTR-MW9C-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	4.4	1 U	1 U	2 U	1 U	1 U	2.6	1 U	2 U
	MTR-MW9C-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	4.2 J	1 U	1 U	2 U	1 U	1 U	2.1 J	1 U	2 U
	MTR-MW9C-G120709	12/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	4.7	1 U	1 U	2 U	1 U	1 U	1.7	1 U	2 U
MTR-MW9C-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	2.3	1 U	1 U	0.43 J	1 U	1 U	2.1	1 U	2 U	
MTR-MW9C - G080610	08/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	4.3	1 U	1 U	2 U	1 U	1 U	1.3	1 U	2 U	
MTR-MW9C-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	5.8	1 U	1 U	2 U	1 U	1 U	1.5	1 U	2 U	
MTR-MW9C-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1.7	1 U	1 U	2 U	1 U	1 U	1.7	1 U	2 U	
MTR-MW9C-G092611	09/26/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1.5 U	1 U	1 U	2 U	1 U	1 U	1.1	1 U	2 U	
ATR-MW9C-G041312	04/13/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1.5	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW9C-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW9C-G062314	06/23/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	3 U	
ATR-MW9C-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW9C-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.7	1 U	3 U	
ATR-MW9C-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW9C-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW9C-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-10A	MTR-MW10A-G050709	05/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW10A-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW10A-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW10A-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-10B	MTR-MW10B-G050709	05/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW10B-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW10B-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW10B-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-10C	MTR-MW10C-G050709	05/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW10C-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW10C-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW10C-G040810	04/08/10	0.26 J	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-11	MTR-MW11-G051309	05/13/09	1 U	1 U	20 U	0.23 J	2.5 U	1 U	1 U	1 U	1.6	0.2 J	2 U	0.68 J	1 U	2.0	1 U	2 U
	MTR-MW11-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.5	1 U	2 U	1 U	1 U	2.9	1 U	2 U
	MTR-MW11-G120709	12/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.7	0.18 J	2 U	1 U	1 U	2.6	1 U	0.75 J
	MTR-MW11-G041910	04/19/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.9	1 U	2 U	1 U	1 U	2.4	3.2	2 U
	MTR-MW11-G081210	08/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	3.4	1 U	2 U
	MTR-MW11-G121310	12/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.5	1 U	2 U	1 U	1 U	2.8	7.8	2 U
	MTR-MW11-G033011	03/30/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.2	1 U	2 U	1 U	1 U	3.2	1.1	2 U
	MTR-MW11-G092811	09/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.4	1 U	2 U	1 U	1 U	3.3	4.3	2 U
	ATR-MW11-G041712	04/17/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.8	1 U	2 U	1 U	1 U	2	1.7	2 U
	ATR-MW11-G030513	03/05/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.5	1 U	2 U	1 U	1 U	3.8	95	2 U
ATR-MW11-G050613	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.8	1 U	2 U	1 U	1 U	3.6	95	2 U	

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Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
MW-12	ATR-MW11-G062314	06/23/14	1 U	1 U	10 U	1 U	1 U	1 U	6.1 J	1 U	50	1 U	1 U	1 U	1 U	2.8	60	3 U
	ATR-MW11-G071015	07/10/15	1 U	1 U	10 U	1 U	1 U	1 U	1.3 J	1 U	16	1 U	1 U	1 U	1 U	2.1	44	3 U
	ATR-MW11-G062916	06/29/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.0	1 U	1 U	1 U	1 U	4.6	4.3	3 U
	ATR-MW11-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	11	2 U
	ATR-MW11-G072618	07/26/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.4 J	1 U	3 U
	ATR-MW11-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.6	1 U	3 U
	MTR-MW12-G051309	05/13/09	1 U	2.2	20 U	1 U	2.5 U	1 U	1 U	1 U	2500	1 U	2 U	0.34 J	27	1 U	1300	2 U
	MTR-MW12-G083109	08/31/09	1 U	3.5	20 U	1 U	2.5 U	1 U	1 U	1 U	4100	1 U	2 U	1 U	43	1 U	1400	2 U
	MTR-MW12-G120909	12/09/09	1 U	2.4	20 U	1 U	2.5 U	1 U	1 U	1 U	4900	0.19 J	2 U	0.61 J	40	0.71 J	1200	2 U
	MTR-MW12-G041910	04/19/10	1 U	3.6	20 U	1 U	2.5 U	1 U	1 U	1 U	3100	1 U	2 U	1 U	16	1.4	1400	2 U
	MTR-MW12-G081210	08/12/10	10 U	8.3 J	200 U	10 U	25 U	10 U	10 U	10 U	9300	10 U	20 U	10 U	30	10 U	2300	20 U
	MTR-MW12-G121310	12/13/10	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	6900	10 U	20 U	10 U	29	10 U	1300	20 U
	MTR-MW12-G032911	03/29/11	50 U	50 U	1000 U	50 U	120 U	50 U	50 U	50 U	25000	50 U	100 U	50 U	100	50 U	1600	100 U
	MTR-MW12-G092811	09/28/11	5 U	12	100 U	5 U	12 U	5 U	5 U	5 U	3600	5 U	10 U	5 U	28	5 U	1700	10 U
	ATR-MW12-G041712	04/17/12	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	3900	5 U	10 U	5 U	12	5 U	2000	10 U
	ATR-MW12-G050613	05/06/13	25 U	25 U	500 U	25 U	62 U	25 U	25 U	25 U	11000	25 U	50 U	25 U	25 U	25 U	700	50 U
	ATR-MW12-G062314	06/23/14	20 U	20 U	200 U	20 U	20 U	20 U	20 U	20 U	5700	20 U	20 U	20 U	44	20 U	760	60 U
	ATR-MW12-G071015	07/10/15	20 U	20 U	200 U	20 U	20 U	20 U	20 U	20 U	4800	20 U	20 U	20 U	29	20 U	290	60 U
	ATR-MW12-G061616	06/16/16	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	630	5 U	5 U	5 U	5 U	5 U	1300	15 U
	ATR-MW12-G060717	06/07/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	26	1 U	1 U	1 U	1 U	1 U	9.6 J	3 U
ATR-MW12-G072618	07/26/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW12-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-13	MTR-MW13-G051309	05/13/09	1 U	1.6	20 U	1 U	2.5 U	1 U	1 U	1 U	1700	1 U	1.1 J	1 U	15	14	580	2 U
	MTR-MW13-G083109	08/31/09	1 U	1.4	20 U	1 U	2.5 U	1 U	1 U	1 U	2300	1 U	1.1 J	1 U	14	14	830	2 U
	MTR-MW13-G121009	12/10/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	37 J	1 U	2 U	1 U	2.3	1 U	12 J	2 U
	MTR-MW13-G041310	04/13/10	1 U	4.4	20 U	1 U	2.5 U	1 U	1 U	1 U	4300	1 U	1.6 J	1 U	34	16	490	2 U
	MTR-MW13-G081210	08/12/10	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	4500	5 U	10 U	5 U	18	15	760	10 U
	MTR-MW13-G121410	12/14/10	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	5700	5 U	10 U	5 U	28	15	940	10 U
	MTR-MW13-G033011	03/30/11	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	4600	5 U	10 U	5 U	21	8.2	1000	10 U
	MTR-MW13-G092811	09/28/11	10 U	12	200 U	10 U	25 U	10 U	10 U	10 U	6600	10 U	20 U	10 U	38	13	1900	20 U
	ATR-MW13-G041712	04/17/12	10 U	14	200 U	10 U	25 U	10 U	10 U	10 U	10000	10 U	20 U	10 U	43	20	830	20 U
	ATR-MW13-G092712	09/27/12	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	4900	10 U	20 U	10 U	31	10 U	440	20 U
	ATR-MW13-G050613	05/06/13	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	3000	10 U	20 U	10 U	10 U	10 U	1600	20 U
	ATR-MW13-G062314	06/23/14	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U	4000	10 U	10 U	10 U	21	10 U	800	30 U
	ATR-MW13-G071015	07/10/15	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U	4100	10 U	10 U	10 U	15 J	10 U	1800	30 U
	ATR-MW13-G061616	06/16/16	1 U	1 U	24	1 U	1 U	1 U	1 U	1 U	190	1 U	1 U	1 U	1.0	1 U	96	3 U
	ATR-MW13-G060717	06/07/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	370	1 U	1 U	1 U	2.8	1 U	150 J	3 U
	ATR-MW13-G072618	07/26/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ATR-MW13-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-14	MTR-MW14-G051209	05/12/09	1 U	4	20 U	1 U	2.5 U	1 U	1 U	1 U	210	1 U	2 U	1 U	6.2	640	18	2 U
	MTR-MW14-G090209	09/02/09	1 U	3.7	20 U	1 U	2.5 U	1 U	1 U	1 U	170	1 U	2 U	1 U	4.8	680	23	2 U
	MTR-MW14-G120809	12/08/09	1 U	2.3	20 U	1 U	2.5 U	1 U	1 U	1 U	140	1 U	2 U	1 U	3.6	610	8.2	2 U
	MTR-MW14-G041410	04/14/10	1 U	2.9	20 U	1 U	2.5 U	1 U	1 U	1 U	130	1 U	r	1 U	4.0	620	6.3	2 U
	MTR-MW14-G080910	08/09/10	1 U	3.9	20 U	1 U	2.5 U	1 U	1 U	1 U	140	1 U	2 U	1 U	5.2	560	17	2 U
	MTR-MW14-G121510	12/15/10	1 U	2.3 J	20 U	1 U	2.5 U	1 U	1 U	1 U	100	1 U	2 U	1 U	3.4	510	5.9	2 U
	MTR-MW14-G032811	03/28/11	1 U	1.8	20 U	1 U	2.5 U	1 U	1 U	1 U	88	1 U	2 U	1 U	3.1	530	4.4	2 U
	MTR-MW14-G092811	09/28/11	1 U	1.8	20 U	1 U	2.5 U	1 U	1 U	1 U	88	1 U	2 U	1 U	3.2	420	7.6 J	2 U
ATR-MW14-G041312	04/13/12	1 U	2.3	20 U	1 U	2.5 U	1 U	1 U	1 U	110	1 U	2 U	1 U	3.7	560	59	2 U	

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Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
MW-15	ATR-MW14-G092712	09/27/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	53	1 U	2 U	1 U	2.3	390	30	2 U
	ATR-MW14-G030513	03/05/13	1 U	1.2	20 U	1 U	2.5 U	1 U	1 U	1 U	60	1 U	2 U	1 U	2.7	380	6.1	2 U
	ATR-MW14-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	55	1 U	2 U	1 U	2.3	320	4.2	2 U
	ATR-MW14-G062014	06/20/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	48 J	1 U	1 U	1 U	2.2 J	340	3.5 J	3 U
	ATR-MW14-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	50	1 U	1 U	1 U	2.6	440 J	2.4	3 U
	ATR-MW14-G061516	06/15/16	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	20	1 U	1 U	1 U	1.5	2.2	23	3 UJ
	ATR-MW14-G060717	06/07/17	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	1.5	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW14-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW14-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.5	1 U	1 U	1 U	1 U	1 U	1.1	3 U
	MTR-MW15-G051209	05/12/09	1 U	7.5	20 U	1 U	2.5 U	1 U	1 U	1 U	1300	1 U	2 U	1 U	29	25	510	2 U
	MTR-MW15-G090309	09/03/09	1 U	7.6	20 U	1 U	2.5 U	1 U	1 U	1 U	1400	1 U	2 U	1 U	42	29	440	2 U
	MTR-MW15-G090309R	09/03/09	1 U	8.0	20 U	1 U	2.5 U	1 U	1 U	1 U	1600	1 U	2 U	1 U	45	29	520	2 U
	MTR-MW15-G121009	12/10/09	1 U	4.9	20 U	1 U	2.5 U	1 U	1 U	1 U	1300	1 U	2 U	1 U	39	28	350	2 U
	MTR-MW15-G121009R	12/10/09	1 U	1.0	20 U	1 U	2.5 U	1 U	1 U	1 U	5000	1 U	1.2 J	1 UJ	29	15	1300	2 U
	MTR-MW15-G042010	04/20/10	1 U	9.2	20 U	1 U	2.5 U	1 U	1 U	1 U	1900	1 U	2 UJ	1 U	47	29	390	2 U
	MTR-MW15-G042010R	04/20/10	1 U	9.1	20 U	1 U	2.5 U	1 U	1 U	1 U	1900	1 U	2 UJ	1 U	44	29	350	2 U
MTR-MW15-G081110	08/11/10	1 U	8.8	20 U	1 U	2.5 U	1 U	1 U	1 U	1800 J	1 U	2 U	1 U	50	29	380	2 U	
MTR-MW15-G081110	08/11/10	1 U	8.8	20 U	1 U	2.5 U	1 U	1 U	1 U	1800 J	1 U	2 U	1 U	50	29	380	2 U	
MTR-MW15-G121510	12/15/10	1 U	15	20 U	1 U	2.5 U	1 U	1 UJ	1 U	3000	1 U	2 U	1 U	64	37	560	2 U	
MTR-MW15-G032911	03/29/11	5 U	19	8.8 J	5 U	12 U	5 U	5 U	5 U	3900	5 U	10 U	5 U	68	68	640	10 U	
MTR-MW15-G032911R	03/29/11	5 UJ	19	14 J	5 U	12 U	5 U	5 U	5 U	3900	5 U	10 U	5 U	67	69	650	10 U	
MTR-MW15-G092711	09/27/11	5 UJ	7.2	100 U	5 U	12 U	5 U	5 U	5 U	1900	5 U	10 U	5 U	48	33	370	10 U	
MTR-MW15-G092711R	09/27/11	5 UJ	7	100 U	5 U	12 U	5 U	5 U	5 U	1800	5 U	10 U	5 U	45	30	350	10 U	
ATR-MW15-G041312	04/13/12	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1800	5 U	10 U	5 U	57	28	350	10 U	
ATR-MW15-G041312R	04/13/12	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1300	5 U	10 U	5 U	40	27	220	10 U	
ATR-MW15-G030613	03/06/13	5 U	15	100 U	5 U	12 U	5 U	5 U	5 U	2800	5 U	10 U	5 U	71	200	380	10 U	
ATR-MW15-G050213	05/02/13	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	2900	10 U	20 U	10 U	62	240	300	20 U	
ATR-MW15-G050213R	05/02/13	5 U	14	100 U	5 U	12 U	5 U	5 U	5 U	2800	5 U	10 U	5 U	67	220	300	10 U	
ATR-MW15-G082213	07/22/13	5 U	11	100 U	5 U	12 U	5 U	5 U	5 U	2100	5 U	10 U	5 U	58	160	190	10 U	
ATR-MW15-G062414	06/24/14	5 U	11	50 UJ	5 U	5 U	5.4	5 U	5 U	1800	5 U	5 U	5 U	60	190	260	15 U	
ATR-MW15-G062414R	06/24/14	5 U	11	50 UJ	5 U	5 U	5 U	5 U	5 U	1800	5 U	5 U	5 U	58	190	240	15 U	
ATR-MW15-G070815	07/08/15	10 U	18 J	100 U	10 U	10 U	10 U	10 U	10 U	3100 J	10 U	10 U	10 U	140 J	240	180	30 U	
ATR-MW15-G070815R	07/08/15	10 UJ	18 J	100 UJ	10 U	10 UJ	10 U	10 UJ	10 U	3300 J	10 U	10 U	10 U	140 J	280	170	30 U	
ATR-MW15-G061516	06/15/16	10 UJ	22 J	100 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	4300 J	10 UJ	10 UJ	10 UJ	140 J	10 UJ	340 J	30 UJ	
ATR-MW15-G060617	06/06/17	1 U	1 U	13 J	1 U	1 U	1 U	1 U	1 U	4.2	1 U	1 U	1 U	24	1 U	8.8	3 U	
ATR-MW15-G072318	07/23/18	1 U	1 U	12	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW15-G082019 (1)	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-16	MTR-MW16-G051209	05/12/09	1 U	1.9	20 U	1 U	2.5 U	1 U	1 U	1 U	300	1 U	2 U	1 U	9.8	49	210	2 U
	MTR-MW16-G090209	09/02/09	1 U	1.1	20 U	1 U	2.5 U	1 U	1 U	1 U	190	1 U	2 U	1 U	6.8	45	160	2 U
	MTR-MW16-G120809	12/08/09	1 U	0.71 J	20 U	1 U	2.5 U	1 U	1 U	1 U	220	1 U	2 U	1 U	6.9	42	98	2 U
	MTR-MW16-G042010	04/20/10	1 U	1.1	20 U	1 U	2.5 U	1 U	1 U	1 U	210	1 U	2 U	1 U	7.0	40	94	2 U
	MTR-MW16-G081101	08/11/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	250	1 U	2 U	1 U	7.6	43	130	2 U
	MTR-MW16-G121510	12/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	270	1 U	2 U	1 U	8.4	45	100	2 U
	MTR-MW16-G032811	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	290	1 U	2 U	1 U	8.8	53	260	2 U
	MTR-MW16-G092711	09/27/11	1 UJ	0.51 J	20 U	1 U	2.5 U	1 U	1 U	1 U	330	1 U	2 U	1 U	8.3	36	220	2 U
	ATR-MW16-G041312	04/13/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	420	1 U	2 U	1 U	10	45	220	2 U
	ATR-MW16-G092612	09/26/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	360	1 U	2 U	1 U	11	42	130	2 U
	ATR-MW16-G030613	03/06/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	370	1 U	2 U	1 U	12	27	260	2 U
	ATR-MW16-G030613R	03/06/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	340	1 U	2 U	1 U	12	27	210	2 U

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
MW-17	ATR-MW16-G040313	04/03/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	390	1 U	2 U	1 U	12	18	290	2 U
	ATR-MW16-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	410	1 U	2 U	1 U	13	19	200	2 U
	ATR-MW16-G061914	06/19/14	1 U	1.8 J	16 J	1 U	1 U	1 U	1 U	1 U	450	1 U	1 U	1 U	11 J	8 J	160	3 U
	ATR-MW16-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	350	1 U	1 U	1 U	9.6	1.8	160	3 U
	ATR-MW16-G061416	06/14/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	320	1 U	1 U	1 U	2.4	1 U	270	3 U
	ATR-MW16-G060617	06/06/17	1 U	1 U	11 J	1 U	1 U	1 U	1 U	1 U	4.0	1 U	1 U	1 U	1 U	1 U	44 J	3 U
	ATR-MW16-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW16-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	MTR-MW17-G051209	05/12/09	1 U	2.4	20 U	1 U	2.5 U	1 U	1 U	1 U	160	1 U	2 U	1 U	5.2	300	2.8	2 U
	MTR-MW17-G090209	09/02/09	1 U	2.1	20 U	1 U	2.5 U	1 U	1 U	1 U	140	1 U	2 U	1 U	4.7	330	1.6	2 U
	MTR-MW17-G120809	12/08/09	1 U	1.4	20 U	1 U	2.5 U	1 U	1 U	1 U	92	1 U	2 U	1 U	3.4	270	1.6	2 U
	MTR-MW17-G041510	04/15/10	1 U	1.7 J	20 U	1 U	2.5 U	1 U	1 U	1 U	110 J	1 U	2 U	1 U	3.6 J	360 J	1.5 J	2 U
	MTR-MW17-G080910	08/09/10	1 U	1.6	20 U	1 U	2.5 U	1 U	1 U	1 U	110	1 U	2 U	1 U	3.8	290	1.4	2 U
	MTR-MW17-G121510	12/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	96	1 U	2 U	1 U	3.3	300	1 U	2 U
	MTR-MW17-G032811	03/28/11	1 U	1.3	20 U	1 U	2.5 U	1 U	1 U	1 U	99	1 U	2 U	1 U	3.0	340	1 U	2 U
MTR-MW17-G092811	09/28/11	1 U	1.3	20 U	1 U	2.5 U	1 U	1 U	1 U	97	1 U	2 U	1 U	3.3	260	1 U	2 U	
ATR-MW17-G041312	04/13/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	89	1 U	2 U	1 U	2.7	270	1 U	2 U	
ATR-MW17-G092612	09/26/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	67	1 U	2 U	1 U	2.4	270	1 U	2 U	
ATR-MW17-G030613	03/06/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	56	1 U	2 U	1 U	1.9	200	1 U	2 U	
ATR-MW17-G030613R	03/06/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	58	1 U	2 U	1 U	1.9	220	1.7	2 U	
ATR-MW17-G040313	04/03/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	46	1 U	2 U	1 U	1.5	210	1 U	2 U	
ATR-MW17-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	51	1 U	2 U	1 U	1.8	190	1 U	2 U	
ATR-MW17-G061914	06/19/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	49	1 U	1 U	1 U	2.1	180 J	1 U	3 U	
ATR-MW17-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	46	1 U	1 U	1 U	1.8	220	1 U	3 U	
ATR-MW17-G061416	06/14/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	41	1 U	1 U	1 U	1.8	220	1 U	3 U	
ATR-MW17-G060617	06/06/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	26	1 U	1 U	1 U	1 U	78	1 U	3 U	
ATR-MW17-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	30	1 U	1 U	1 U	1 U	70	1 U	3 U	
ATR-MW17-G071918R	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	31	1 U	1 U	1 U	1 U	67	1 U	3 U	
ATR-MW17-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	20	1 U	1 U	1 U	1 U	39	1.6	3 U	
MW-18(38.6)	MTR-MW18(38.6)-G050709	05/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW18(38.6)-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	0.87 J	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW18(38.6)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	2.8	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW18(38.6)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1.1	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-18(63)	MTR-MW18(63)-G050709	05/07/09	1.2	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW18(63)-G082709	08/27/09	1.2	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW18(63)-G120209	12/02/09	1.2	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW18(63)-G040810	04/08/10	1.3 J	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-18(164)	MTR-MW18(164)-G050709	05/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW18(164)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW18(164)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW18(164)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-19(33)	MTR-MW19(33)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW19(33)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW19(33)-G090109R	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW19(33)-G120709	12/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW19(33)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U

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Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-19(53)	MTR-MW19(53)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	11	1 U	2 U	1 U	1 U	1 U	14	2 U	
	MTR-MW19(53)-G050509R	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	11	1 U	2 U	1 U	1 U	1 U	15	2 U	
	MTR-MW19(53)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	19	1 U	2 U	1 U	1 U	1 U	21	2 U	
	MTR-MW19(53)-G120709	12/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	12 J	1 U	2 U	1 U	1 U	1 U	6.1 J	2 U	
	MTR-MW19(53)-G041310	04/13/10	1 U	0.49 J	20 U	1 U	2.5 U	1 U	1 U	1 U	25	1 U	2 U	1 U	1 U	1 U	16	2 U	
	MTR-MW19(53)-G080910	08/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	20	1 U	2 U	1 U	1 U	1 U	20	2 U	
	MTR-MW19(53)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	21	1 U	2 U	1 U	1 U	1 U	10	2 U	
	MTR-MW19(53)-G032811	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	24	1 U	2 U	1 U	1 U	1 U	15	2 U	
	MTR-MW19(53)-G092811	09/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	19 J	1 U	2 U	1 U	1 U	1 U	17	2 U	
	ATR-MW19(53)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	18	1 U	2 U	1 U	1 U	1 U	22	2 U	
	ATR-MW19(53)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	15	1 U	2 U	1 U	1 U	1 U	23	2 U	
	ATR-MW19(53)-G062014	06/20/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	13	1 U	1 U	1 U	1 U	1 U	22	3 U	
	ATR-MW19(53)-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	18	1 U	1 U	1 U	1 U	1 U	22	3 U	
	ATR-MW19(53)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	9.4	1 U	1 U	1 U	1 U	1 U	8.6	3 U	
ATR-MW19(53)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	22	1 U	2 U	1 U	1 U	1 U	25	2 U		
ATR-MW19(53)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	17	1 U	1 U	1 U	1 U	1 U	18	3 U		
ATR-MW19(53)-G081619 ⁽¹⁾	08/16/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	24	1 U	1 U	1 U	1 U	1 U	23	3 U		
MW-19(118)	MTR-MW19(118)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW19(118)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW19(118)-G120709	12/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW19(118)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
MW-20(35)	MTR-MW20(35)-G051409	05/14/09	1 U	2.5	20 U	1 U	2.5 U	1 U	4.2	1 U	2200	1 U	2 U	1 U	29	14	1500	2 U	
	MTR-MW20(35)-G090309	09/03/09	1 U	5.4	20 U	1 U	2.5 U	1 U	1 U	1 U	3500	1 U	1.4 J	0.19 J	24	13	2100	2 U	
	MTR-MW20(35)-G121009	12/10/09	1 U	2.5	20 U	1 U	2.5 U	1 U	1 U	1 U	1900	1 U	1 J	1 U	20	7.1	490	2 U	
	MTR-MW20(35)-G041910	04/19/10	1 U	3.4	20 U	1 U	2.5 U	1 U	1 U	1 U	2600	1 U	0.87 J	1 U	13	10	1100	2 U	
	MTR-MW20(35)-G081110	08/11/10	1 U	2.9	20 U	1 U	2.5 U	1 U	1 U	1 U	2500	1 U	1.4 J	0.14 J	12	6.4	1000	2 U	
	MTR-MW20(35)-G121610	12/16/10	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	2200	5 U	10 U	5 U	10	10	1300	10 U	
	MTR-MW20(35)-G033011	03/30/11	5 U	5 U	8.4 J	5 U	12 U	5 U	5 U	5 U	1400	5 U	10 U	5 U	4.7 J	4.4 J	380	10 U	
	MTR-MW20(35)-G092711	09/27/11	1 U	1.8	20 U	1 U	2.5 U	1 U	1 U	1 U	750	1 U	1.5 J	1 U	5.2	5.1	400	2 U	
	ATR-MW20(35)-G041712	04/17/12	1 U	3.7	20 U	1 U	2.5 U	1 U	1 U	1 U	3000	1 U	2.1	1 U	15	13	900	2 U	
	ATR-MW20(35)-G050713	05/07/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	360	5 U	10 U	5 U	5 U	5 U	5 U	510	10 U
	ATR-MW20(35)-G062414	06/24/14	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U	110	10 U	15	10 U	10 U	31	300	30 U	
	ATR-MW20(35)-G070915	07/09/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	53	1 U	1 U	1 U	1 U	1 U	1 U	96	3 U
	ATR-MW20(35)-G061616	06/16/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.7	1 U	1 U	1 U	1 U	1 U	1 U	12	3 U
	ATR-MW20(35)-G061616R	06/16/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	2.1	1 U	1 U	1 U	1 U	1 U	1 U	12	3 U
ATR-MW20(35)-G060717	06/07/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW20(35)-G060717R	06/07/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW20(35)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW20(35)-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-20(51)	MTR-MW20(51)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	72	1 U	2 U	1 U	0.40 J	0.76 J	220	2 U	
	MTR-MW20(51)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	88	1 U	2 U	1 U	0.69 J	1 U	80	2 U	
	MTR-MW20(51)-G090309R	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	91	1 U	2 U	1 U	1 U	1 U	71	2 U	
	MTR-MW20(51)-G121009	12/10/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	62	1 U	2 U	1 U	0.42 J	1 U	110	2 U	
	MTR-MW20(51)-G121009R	12/10/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	59	1 U	2 U	1 U	0.40 J	1 U	100	2 U	
	MTR-MW20(51)-G041910	04/19/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	40	1 U	2 U	1 U	1 U	1 U	81	2 U	
	MTR-MW20(51)-G041910R	04/19/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	42	1 U	2 U	1 U	1 U	1 U	81	2 U	
	MTR-MW20(51)-G081110	08/11/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	34	1 U	2 U	1 U	1 U	1 U	45	2 U	

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	MTR-MW20(51)-G081110R	08/11/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	35	1 U	2 U	1 U	1 U	1 U	47	2 U
	MTR-MW20(51)-G121610	12/16/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	59	1 U	2 U	1 U	1 U	1 U	680	2 U
	MTR-MW20(51)-G121610R	12/16/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	56	1 U	2 U	1 U	1 U	1 U	670	2 U
	MTR-MW20(51)-G033011	03/30/11	1 U	4.8	20 U	1 U	2.5 U	1 U	1 U	1 U	1700	1 U	2 U	1 U	9.3 J	1 U	1100	2 U
	MTR-MW20(51)-G033011R	03/30/11	1 U	4.4	20 U	1 U	2.5 U	1 U	1 U	1 U	1800	1 U	2 U	1 U	8.7 J	1 U	1200	2 U
	MTR-MW20(51)-G092711	09/27/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	140	1 U	2 U	1 U	0.70 J	1 U	120	2 U
	MTR-MW20(51)-G092711R	09/27/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	120	1 U	2 U	1 U	0.72 J	1 U	130	2 U
	ATR-MW20(51)-G041712	04/17/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	70	1 U	2 U	1 U	1.00 U	1 U	77	2 U
	ATR-MW20(51)-G041712R	04/17/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	69	1 U	2 U	1 U	1.00 U	1 U	74	2 U
	ATR-MW20(51)-G050713	05/07/13	1 U	3.4	20 U	1 U	2.5 U	1 U	1 U	1 U	670	1 U	2 U	1 U	3.3	1 U	270	2 U
	ATR-MW20(51)-G050713R	05/07/13	1 U	3.2	20 U	1 U	2.5 U	1 U	1 U	1 U	570	1 U	2 U	1 U	3.4	1 U	230	2 U
	ATR-MW20(51)-G062414	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	50	1 U	1 U	1 U	1 U	1 U	53	3 U
	ATR-MW20(51)-G062414R	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	53	1 U	1 U	1 U	1 U	1 U	57	3 U
	ATR-MW20(51)-G070915	07/09/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	8.1 J	1 U	1 U	1 U	1 U	1 U	16	3 U
	ATR-MW20(51)-G070915R	07/09/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	8.2 J	1 U	1 U	1 U	1 U	1 U	16	3 U
	ATR-MW20(51)-G061616	06/16/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(51)-G060717	06/07/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(51)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(51)-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-20(124)	MTR-MW20(124)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(124)-G051409R	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(124)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(124)-G121009	12/10/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(124)-G041910	04/19/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(124)-G081110	08/11/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(124)-G121610	12/16/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	4.0	2 U
	MTR-MW20(124)-G033011	03/30/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(124)-G092711	09/27/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW20(124)-G041712	04/17/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW20(124)-G050713	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW20(124)-G062414	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(124)-G070915	07/09/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(124)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(124)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW20(124)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(124)-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-20(155)	MTR-MW20(155)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(155)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(155)-G121009	12/10/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(155)-G041910	04/19/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.4 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(155)-G081110	08/11/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(155)-G121610	12/16/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(155)-G033011	03/30/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW20(155)-G092711	09/27/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW20(155)-G041712	04/17/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW20(155)-G050713	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW20(155)-G062414	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(155)-G070915	07/09/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(155)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U

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Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	ATR-MW20(155)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW20(155)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW20(155)-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-21(40.2)	MTR-MW21(40.2)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.5	1 U	2 U
	MTR-MW21(40.2)-G051409R	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.5	1 U	2 U
	MTR-MW21(40.2)-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.4	1 U	2 U
	MTR-MW21(40.2)-G083109R	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.4	1 U	2 U
	MTR-MW21(40.2)-G120409	12/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.5	1 U	2 U
	MTR-MW21(40.2)-G120409R	12/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.5	1 U	2 U
	MTR-MW21(40.2)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.6	1 U	2 U
	MTR-MW21(40.2)-G041310R	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1.6	1 U	2 U
MW-21(128)	MTR-MW21(128)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW21(128)-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW21(128)-G120409	12/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW21(128)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-21(155.3)	MTR-MW21(155.3)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW21(155.3)-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW21(155.3)-G120409	12/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW21(155.3)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-22(37)	MTR-MW22(37)-G050709	05/07/09	1 U	1 U	20 UJ	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW22(37)-G082809	08/28/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW22(37)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW22(37)-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-22(67.7)	MTR-MW22(67.7)-G050709	05/07/09	1 U	1 U	20 UJ	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW22(67.7)-G082809	08/28/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW22(67.7)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW22(67.7)-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-22(130.7)	MTR-MW22(130.7)-G050709	05/07/09	1 U	1 U	20 UJ	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW22(130.7)-G082809	08/28/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW22(130.7)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW22(130.7)-G041210	04/12/10	1 UJ	1 UJ	20 U	1 U	2.5 U	1 U	1 U	1 U	1 UJ	1 U	2 U	1 U	1 UJ	1 UJ	1 U	2 U
MW-23(39.9)	MTR-MW23(39.9)-G051109	05/11/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(39.9)-G082809	08/28/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(39.9)-G120309	12/03/09	0.37 J	1 U	20 U	1 U	2.5 U	1 U	2.2	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(39.9)-G040810	04/08/10	0.73 J	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-23(105.6)	MTR-MW23(105.6)-G051109	05/11/09	1.4	1 U	20 U	1 U	2.5 U	1 U	8.0	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(105.6)-G082809	08/28/09	1.2	1 U	20 U	1 U	2.5 U	1 U	10	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(105.6)-G082809R	08/28/09	1.2	1 U	20 U	1 U	2.5 U	1 U	9.1	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(105.6)-G120309	12/03/09	1.4	1 U	20 U	1 U	2.5 UJ	1 U	8.3	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(105.6)-G120309R	12/03/09	1.0	1 U	20 U	1 U	2.7 J	1 U	9.1	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(105.6)-G040810	04/08/10	1.5 J	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(105.6)-G040810R	04/08/10	1.4 J	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	(Results reported in micrograms per liter, µg/L)																
			1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-23(122.7)	MTR-MW23(122.7)-G051109	05/11/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(122.7)-G082809	08/28/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(122.7)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW23(122.7)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
MW-24(24.9)	MTR-MW24(24.9)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW24(24.9)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW24(24.9)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW24(24.9)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.38 J	1 U	1 U	2 U
	MTR-MW24(24.9)-6082213	07/22/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW24(24.8)-G061516	06/15/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW24(24.9)-G060617	06/06/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW24(24.9)-G072318	07/23/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-24(55.4)	MTR-MW24(55.4)-G051409	05/14/09	1 U	0.78 J	20 U	1 U	2.5 U	1 U	1 U	1 U	56	1 U	2 U	1 U	7.1	150	1.5	2 U	
	MTR-MW24(55.4)-G051409R	05/14/09	1 U	0.75 J	20 U	1 U	2.5 U	1 U	1 U	1 U	55	1 U	2 U	1 U	7.0	150	1.5	2 U	
	MTR-MW24(55.4)-G090209	09/02/09	1 U	0.71 J	20 U	1 U	2.5 U	1 U	1 U	1 U	68	1 U	2 U	1 U	6.2	150	1 U	2 U	
	MTR-MW24(55.4)-G090209R	09/02/09	1 U	0.75 J	20 U	1 U	2.5 U	1 U	1 U	1 U	69	1 U	2 U	1 U	6.4	150	1 U	2 U	
	MTR-MW24(55.4)-G120809	12/08/09	1 U	0.52 J	20 U	1 U	2.5 U	1 U	1 U	1 U	59	1 U	2 U	1 U	5.0	130	0.77 J	2 U	
	MTR-MW24(55.4)-G120809R	12/08/09	1 U	0.50 J	20 U	1 U	2.5 U	1 U	1 U	1 U	53	1 U	2 U	1 U	4.4	130	1 U	2 U	
	MTR-MW24(55.4)-G041410	04/14/10	1 U	0.76 J	20 U	1 U	2.5 U	1 U	1 U	1 U	98	1 U	r	1 U	7.9	170	0.75 J	2 U	
	MTR-MW24(55.4)-G041410R	04/14/10	1 U	0.85 J	20 U	1 U	2.5 U	1 U	1 U	1 U	100	1 U	r	1 U	9.1	180	0.85 J	2 U	
	MTR-MW24(55.4)-G080910	08/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	92	1 U	2 U	1 U	5.3	110	1 U	2 U	
	MTR-MW24(55.4)-G080910R	08/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	83	1 U	2 U	1 U	5.2	110	1 U	2 U	
	MTR-MW24(55.4)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	130	1 U	2 U	1 U	9.3	140	1 U	2 U	
	MTR-MW24(55.4)-G121410R	12/14/10	1 U	0.75 J	20 U	1 U	2.5 U	1 U	1 U	1 U	110	1 U	2 U	1 U	8.3	130	1.2 J	2 U	
	MTR-MW24(55.4)-G032811	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	120	1 U	2 U	1 U	8.3	160	1 U	2 U	
	MTR-MW24(55.4)-G032811R	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	120	1 U	2 U	1 U	9.4	170	1 U	2 U	
	MTR-MW24(55.4)-G092811	09/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	83	1 U	2 U	1 U	7.1	110	1.7 U	2 U	
	MTR-MW24(55.4)-G092811R	09/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	80	1 U	2 U	1 U	6.7	130	1.6 U	2 U	
	ATR-MW24(55.4)-G041312	04/13/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	67	1 U	2 U	1 U	5.8	140	1 U	2 U	
	ATR-MW24(55.4)-G041312R	04/13/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	65	1 U	2 U	1 U	5.5	110	1 U	2 U	
	ATR-MW24(55.4)-G030513	03/05/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	61	1 U	2 U	1 U	5.9	130	1.6	2 U	
	ATR-MW24(55.4)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	57	1 U	2 U	1 U	4.5	110	1 U	2 U	
	ATR-MW24(55.4)-G050213R	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	64	1 U	2 U	1 U	5.5	110	1 U	2 U	
	ATR-MW24(55.4)-G061914	06/19/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	30	1 U	1 U	1 U	1.7	97	J	3 U	
	ATR-MW24(55.4)-G061914R	06/19/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	34	1 U	1 U	1 U	2	120	1 U	3 U	
	ATR-MW24(55.4)-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	44	1 U	1 U	1 U	1.9	120	1 U	3 U	
	ATR-MW24(55.4)-G070715R	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	45	1 U	1 U	1 U	2.2	130	1 U	3 U	
	ATR-MW24(55.4)-G061516	06/15/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	47	1 U	1 U	1 U	2.2	110	1 U	3 U	
ATR-MW24(55.4)-G060717	06/07/17	1 U	1 U	66 J	1 U	1 U	1 U	1 U	1 U	54	1 U	1 U	1 U	5.3	1 U	92	3 U		
ATR-MW24(55.4)-G072318	07/23/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	8.6	1 U	1 U	1 U	1 U	1 U	26	3 U		
ATR-MW24(55.4)-G072318R	07/23/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	10	1 U	1 U	1 U	1 U	1 U	29	3 U		
ATR-MW24(55.4)-G081619 ⁽¹⁾	08/16/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	3 U		
ATR-MW24(55.4)-G081619R ⁽¹⁾	08/16/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.2	3 U		
MW-24(122.6)	MTR-MW24(122.6)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW24(122.6)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW24(122.6)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW24(122.6)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	

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 Performed on the Groundwater Samples Collected through August 2019
 TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
 (Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	(Results reported in micrograms per liter, µg/L)																
			1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-24(159.4)	MTR-MW24(159.4)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW24(159.4)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW24(159.4)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW24(159.4)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
MW-25(16.4)	MTR-MW25(16.4)-G051409	05/14/09	1 U	4.9	20 U	1 U	2.5 U	1 U	1 U	1 U	1500	1 U	2 U	1 U	9.9	7.8	980	2 U	
	MTR-MW25(16.4)-G051409R	05/14/09	1 U	4.8	20 U	1 U	2.5 U	1 U	1 U	1 U	1400	1 U	2 U	1 U	9.6	6.4	980	2 U	
	MTR-MW25(16.4)-G090209	09/02/09	1 U	4.1	20 U	1 U	2.5 U	1 U	1 U	1 U	1500	1 U	2 U	1 U	9.9	1 U	1200	2 U	
	MTR-MW25(16.4)-G090209R	09/02/09	1 U	4.3	20 U	1 U	2.5 U	1 U	1 U	1 U	1500	1 U	2 U	1 U	9.0	1 U	1300	2 U	
	MTR-MW25(16.4)-G121009	12/10/09	1 U	0.45 J	20 U	1 U	2.5 U	1 U	1 U	1 U	1300 J	1 U	2 U	1 U	1.2 J	26 J	960 J	2 U	
	MTR-MW25(16.4)-G121009R	12/10/09	1 U	3.2 J	20 U	1 U	2.5 U	1 U	1 U	1 U	1400	1 U	2 U	1 U	8.0 J	1.5 J	980	2 U	
	MTR-MW25(16.4)-G042010	04/20/10	1 U	4.0	20 U	1 U	2.5 U	1 U	1 U	1 U	1200	1 U	2 U	1 U	9.1	1.1	610	2 U	
	MTR-MW25(16.4)-G042010R	04/20/10	1 U	4.1	20 U	1 U	2.5 U	1 U	1 U	1 U	1300	1 U	2 U	1 U	9.6	1.1	680	2 U	
	MTR-MW25(16.4)-G081110	08/11/10	1 U	3.6 J	20 U	1 U	2.5 U	1 U	1 U	1 U	1400 J	1 U	2 U	1 U	8.4 J	1 U	780	2 U	
	MTR-MW25(16.4)-G081110R	08/11/10	1 U	3.6	20 U	1 U	2.5 U	1 U	1 U	1 U	1500	1 U	2 U	1 U	7.2	0.52 J	880	2 U	
	MTR-MW25(16.4)-G121510	12/15/10	1 U	4.5 J	20 U	1 U	2.5 U	1 U	1 U	1 U	1800	1 U	2 U	1 U	9.8	1 U	960	2 U	
	MTR-MW25(16.4)-G032911	03/29/11	5 U	5.2	13 J	5 U	12 U	5 U	5 U	5 U	2000	5 U	10 U	5 U	9.4	5 U	960	10 U	
	MTR-MW25(16.4)-G092711	09/27/11	5 U	2.9 J	100 U	5 U	12 U	5 U	5 U	5 U	2500	5 U	10 U	5 U	11	1.1 J	860	10 U	
	ATR-MW25(16.4)-G041612	04/16/12	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1700	5 U	10 U	5 U	6.8	5 U	660	10 U	
	ATR-MW25(16.4)-G092712	09/27/12	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1800	5 U	10 U	5 U	5 U	5 U	630	10 U	
	ATR-MW25(16.4)-G030613	03/06/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	2600	5 U	10 U	5 U	15	5 U	560	10 U	
	ATR-MW25(16.4)-G050213	05/02/13	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	2500	10 U	20 U	10 U	10 U	10 U	520	20 U	
	ATR-MW25(16.4)-G061914	06/19/14	5 U	5 U	50 U	23 J	5 U	5 U	5 U	5 U	1600 J	5 U	5 U	5 U	5 U	5 U	290 J	15 U	
	ATR-MW25(16.4)-G070915	07/09/15	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U	3000	10 U	10 U	10 U	19 J	10 U	780	30 U	
ATR-MW25(16.4)-G061516	06/15/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	49	1 U	1 U	1 U	1 U	1 U	16	3 U		
ATR-MW25(16.4)-G060617	06/06/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	2.9	1 U	1 U	1 U	1 U	1 U	3.1	3 U		
ATR-MW25(16.4)-G060617R	06/06/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	3.1	1 U	1 U	1 U	1 U	1 U	3.2	3 U		
ATR-MW25(16.4)-G072318	07/23/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
ATR-MW25(16.4)-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
MW-25(32.6)	MTR-MW25(32.6)-G051409	05/14/09	1 U	2.8	20 U	1 U	2.5 U	1 U	1 U	1 U	440	1 U	2 U	1 U	3.4	150	400	2 U	
	MTR-MW25(32.6)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	280	1 U	2 U	1 U	1.5	81	290	2 U	
	MTR-MW25(32.6)-G121009	12/10/09	1 U	4.6	20 U	1 U	2.5 U	1 U	1 U	1 U	220 J	1 U	2 U	1 U	36	27	310	2 U	
	MTR-MW25(32.6)-G042010	04/20/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	280	1 U	2 U	1 U	1.3	4.9	370	2 U	
	MTR-MW25(32.6)-G081110	08/11/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	210 J	1 U	2 U	1 U	1.1	1 U	140	2 U	
	MTR-MW25(32.6)-G121510	12/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	110	1 U	2 U	1 U	1 U	1 U	110	2 U	
	MTR-MW25(32.6)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	420	1 U	2 U	1 U	2.0	1 U	570	2 U	
	MTR-MW25(32.6)-G092711	09/27/11	1 U	4.2	20 U	1 U	1.1 J	1 U	1 U	1 U	1200	1 U	2 U	1 U	5.9	0.3 J	290	2 U	
	ATR-MW25(32.6)-G041612	04/16/12	1 U	1.8	20 U	1 U	2.5 U	1 U	1 U	1 U	590	1 U	2 U	1 U	2.0	1 U	270	2 U	
	ATR-MW25(32.6)-G030613	03/06/13	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	1300	10 U	20 U	10 U	10.0 U	10 U	440	20 U	
	ATR-MW25(32.6)-G050213	05/02/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1500	5 U	10 U	5 U	5.0 U	5 U	360	10 U	
	ATR-MW25(32.6)-G061914	06/19/14	5 U	5 U	50 U	5.4 J	5 U	5 U	5 U	5 U	1200	5 U	5 U	5 U	5.0 U	14 J	300 J	15 U	
	ATR-MW25(32.6)-G070915	07/09/15	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	1100	5 U	5 U	5 U	7.4 J	310	730	15 U	
	ATR-MW25(32.6)-G061516	06/15/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
ATR-MW25(32.6)-G060617	06/06/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
ATR-MW25(32.6)-G072318	07/23/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
ATR-MW25(32.6)-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
MW-25(45.2)	MTR-MW25(45.2)-G051409	05/14/09	1 U	1.5	20 U	1 U	2.5 U	1 U	1 U	1 U	410	1 U	2 U	1 U	33	11	170	2 U	
	MTR-MW25(45.2)-G090209	09/02/09	1 U	1.5	20 U	1 U	2.5 U	1 U	1 U	1 U	430	1 U	2 U	1 U	29	9.2	300	2 U	
	MTR-MW25(45.2)-G121009	12/10/09	1 U	1.2	20 U	1 U	2.5 U	1 U	1 U	1 U	350	1 U	2 U	1 U	26	6.7	80 J	2 U	

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date															Xylenes, Total		
			1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene		Vinyl chloride	
	MTR-MW25(45.2)-G041910	04/19/10	1 U	1.7	20 U	1 U	2.5 U	1 U	1 U	1 U	390	1 U	2 UJ	1 U	28	6.3	100	2 U	
	MTR-MW25(45.2)-6082213	07/22/13	2 U	3.1	40 U	2 U	5 U	2 U	2 U	2 U	750	2 U	4 UJ	2 U	71	7.1	92	4 U	
	ATR-MW25(45.2)-G061516	06/15/16	5 U	6.6	50 U	5 U	5 UJ	5 U	5 U	5 U	1700	5 U	5 U	5 U	65	5 U	870	15 UJ	
	ATR-MW25(45.2)-G060617	06/06/17	1 U	1 U	16 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW25(45.2)-G072418 (1)	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-25(82)	MTR-MW25(82)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.47 J	1 U	2 U	1 U	1 U	1 U	4.8	2 U	
	MTR-MW25(82)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	3.2	2 U	
	MTR-MW25(82)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.47 J	1 U	2 U	1 U	1 U	1 U	2.4	2 U	
	MTR-MW25(82)-G041910	04/19/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.40 J	1 U	2 UJ	1 U	1 U	1 U	2.2	2 U	
	MTR-MW25(82)-G081110	08/11/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.61 J	1 U	2 U	1 U	1 U	1 U	2.2	2 U	
	MTR-MW25(82)-G121510	12/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.8	2 U	
	MTR-MW25(82)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.70 J	1 U	2 U	1 U	1 U	1 U	2.6	2 U	
	MTR-MW25(82)-G092711	09/27/11	1 UJ	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.63 J	1 U	2 U	1 U	1 U	1 U	3.0	2 U	
	ATR-MW25(82)-G041612	04/16/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1.9	2 U	
	ATR-MW25(82)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.4	2 U	
	ATR-MW25(82)-G061914	06/19/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.3	3 U	
	ATR-MW25(82)-G070915	07/09/15	1 UJ	1 UJ	10 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 UJ	1 U	3.0	3 U	
	ATR-MW25(82)-G062916	06/29/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	3.0	3 U	
	ATR-MW25(82)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.6	1 U	2 U	1 U	1 U	1 U	4.9	2 U	
ATR-MW25(82)-G061317R	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.6	1 U	2 U	1 U	1 U	1 U	4.6	2 U		
ATR-MW25(82)-G072318	07/23/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U	2.5	3 U		
ATR-MW25(82)-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.5	1 U	1 U	1 U	1 U	1 U	3.6	3 U		
MW-25(145)	MTR-MW25(145)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW25(145)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW25(145)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW25(145)-G041910	04/19/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.4	1 U	2 UJ	1 U	1 U	1 U	1 U	2 U	
MW-26(17.5)	MTR-MW26(17.5)-G051209	05/12/09	1 U	1.7	20 U	1 U	2.5 U	1 U	1 U	1 U	1000	1 U	2 U	1 U	15	12	250	2 U	
	MTR-MW26(17.5)-G090209	09/02/09	1 U	2.6	20 U	1 U	2.5 U	1 U	1 U	1 U	960	1 U	2 U	1 U	15	13	270	2 U	
	MTR-MW26(17.5)-G120909	12/09/09	1 U	1.9	20 U	1 U	2.5 U	1 U	1 U	1 U	1400	1 U	2 U	1 U	15	8.4	290	2 U	
	MTR-MW26(17.5)-G041910	04/19/10	1 U	2.7	20 U	1 U	2.5 U	1 U	1 U	1 U	1000	1 U	2 UJ	1 U	16	5.7	250	2 U	
	MTR-MW26(17.5)-G081010	08/10/10	1 U	2.7	20 U	1 U	2.5 U	1 U	1 U	1 U	1200 J	1 U	2 U	1 U	14	6.1	250 J	2 U	
	MTR-MW26(17.5)-G121510	12/15/10	1 U	3.0 J	20 U	1 U	2.5 U	1 U	1 U	1 U	1900	1 U	2 U	1 U	16	5.9	440	2 U	
	MTR-MW26(17.5)-G032811	03/28/11	1 U	3.4	20 U	1 U	2.5 U	1 U	1 U	1 U	1500	1 U	2 U	1 U	15	6.4	560	2 U	
	MTR-MW26(17.5)-G092711	09/27/11	5 U	2.5	100 U	5 U	12 U	5 U	5 U	5 U	1300	5 U	10 U	5 U	12	4.2 J	390	10 U	
	ATR-MW26(17.5)-G041612	04/16/12	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	950	5 U	10 U	5 U	9	5 U	270	10 U	
	ATR-MW26(17.5)-G092712	09/27/12	1 U	2.8	20 U	1 U	2.5 U	1 U	1 U	1 U	770	1 U	2 U	1 U	12	4.1	380	2 U	
	ATR-MW26(17.5)-G010813	01/08/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1200	5 U	10 U	5 U	15	5 U	500	10 U	
	ATR-MW26(17.5)-G030613	03/06/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1200	5 U	10 U	5 U	14	5 U	430	10 U	
	ATR-MW26(17.5)-G040313	04/03/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1200	5 U	10 U	5 U	12	5 U	650	10 U	
	ATR-MW26(17.5)-G050213	05/03/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	880	5 U	10 U	5 U	11	5 U	530	10 U	
	ATR-MW26(17.5)-G061914	06/19/14	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	510 J	5 U	5 U	5 U	5 U	5 U	460	15 U	
	ATR-MW26(17.5)-G070815	07/08/15	10 UJ	10 UJ	100 UJ	10 U	10 UJ	10 U	10 UJ	10 U	1400	10 U	10 U	10 UJ	10 UJ	10 U	480	30 U	
ATR-MW26(17.5)-G061416	06/14/16	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	13	1 U	1 U	1 U	1 U	1 U	11	3 U		
ATR-MW26(17.5)-G060617	06/06/17	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW26(17.5)-G072018	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW26(17.5)-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
MW-26(28.8)	MTR-MW26(28.8)-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	84	1 U	2 U	1 U	3.6	26	19	2 U	

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Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	MTR-MW26(28.8)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	36	1 U	2 U	1 U	1.6	25	23	2 U
	MTR-MW26(28.8)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	28	1 U	2 U	1 U	1.5	20	14	2 U
	MTR-MW26(28.8)-G041410	04/14/10	1 U	0.25 J	20 U	1 U	2.5 U	1 U	1 U	1 U	36	1 U	2 U	1 U	1.8	24	15	2 U
	ATR-MW26(28.8)-G092712	09/27/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	45	1 U	2 U	1 U	2.2	22	13	2 U
	ATR-MW26(28.8)-G092712R	09/27/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	47	1 U	2 U	1 U	2.3	24	14	2 U
	ATR-MW26(28.8)-G010813	01/08/13	1 U	1.4	20 U	1 U	2.5 U	1 U	1 U	1 U	480	1 U	2 U	1 U	9.9	1 U	130	2 U
	ATR-MW26(28.8)-G030613	03/06/13	1 U	1.2	20 U	1 U	2.5 U	1 U	1 U	1 U	330	1 U	2 U	1 U	10	1 U	150	2 U
	ATR-MW26(28.8)-G040313	04/03/13	1 U	1.5	20 U	1 U	2.5 U	1 U	1 U	1 U	460	1 U	2 U	1 U	11	1.4	240	2 U
	ATR-MW26(28.8)-G050213	05/03/13	1 U	2.3	20 U	1 U	2.5 U	1 U	1 U	1 U	490	1 U	2 U	1 U	14	1.9	200	2 U
	ATR-MW26(28.8)-G061416	06/14/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW26(28.8)-G060617	06/06/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW26(28.8)-G072018	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW26(28.8)-G081919 ⁽¹⁾	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-26(58.2)	MTR-MW26(58.2)-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.6 J	1 U	2 U	1 U	1 U	1.5	0.7 J	2 U
	MTR-MW26(58.2)-G051209R	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.0 J	1 U	2 U	1 U	1 U	1.6	0.8 J	2 U
	MTR-MW26(58.2)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.0	1 U	2 U	1 U	1 U	2.1	1 U	2 U
	MTR-MW26(58.2)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.5	1 U	2 U	1 U	1 U	2.0	0.69 J	2 U
	MTR-MW26(58.2)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.2	1 U	2 U	1 U	1 U	2.0	1 U	2 U
	MTR-MW26(58.2)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.8	1 U	2 U	1 U	1 U	1.9	0.66 J	2 U
	MTR-MW26(58.2)-G121510	12/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.1	1 U	2 U	1 U	1 U	1.9	1 U	2 U
	MTR-MW26(58.2)-G032811	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.0	1 U	2 U	1 U	1 U	2.2	1 U	2 U
	MTR-MW26(58.2)-G092711	09/27/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	5.7	1 U	2 U	1 U	1 U	1.8	1 U	2 U
	ATR-MW26(58.2)-G041612	04/16/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.2	1 U	2 U	1 U	1 U	1.8	1 U	2 U
	ATR-MW26(58.2)-G060413	06/04/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.4	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW26(58.2)-G061914	06/19/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	2.4	1 U	1 U	1 U	1 U	1 U	2.9	3 U
	ATR-MW26(58.2)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	2.7	1 U	1 U	1 U	1 U	1.4	2.8	3 U
	ATR-MW26(58.2)-G061416	06/14/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	10	1 U	1 U	1 U	1.1	1 U	26	3 U
	ATR-MW26(58.2)-G060617	06/06/17	1 U	1 U	13 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW26(58.2)-G072018	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW26(58.2)-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-26(114.8)	MTR-MW26(114.8)-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW26(114.8)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW26(114.8)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW26(114.8)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-26(143.6)	MTR-MW26(143.6)-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW26(143.6)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW26(143.6)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW26(143.6)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-27(18)	MTR-MW27(18)-G051209	05/12/09	1 U	3.2	20 U	1 U	2.5 U	1 U	1 U	1 U	840	1 U	2 U	1 U	6.6	13	360	2 U
	MTR-MW27(18)-G090209	09/02/09	1 U	3.7	20 U	1 U	2.5 U	1 U	1 U	1 U	1100	1 U	2 U	1 U	7.9	19	510	2 U
	MTR-MW27(18)-G090209R	09/02/09	1 U	3.6	20 U	1 U	2.5 U	1 U	1 U	1 U	1200	1 U	2 U	1 U	7.6	20	610	2 U
	MTR-MW27(18)-G120909	12/09/09	1 U	2.9	20 U	1 U	2.5 U	1 U	1 U	1 U	1100 J	1 U	2 U	1 U	6.4	16 J	400	2 U
	MTR-MW27(18)-G120909R	12/09/09	1 U	2.5	20 U	1 U	2.5 U	1 U	1 U	1 U	1400 J	1 U	2 U	1 U	6.6	13 J	400	2 U
	MTR-MW27(18)-G041410	04/14/10	1 U	2.2	20 U	1 U	2.5 U	1 U	1 U	1 U	610	1 U	2 U	1 U	4.4	5.3	170	2 U
	MTR-MW27(18)-G041410R	04/14/10	1 U	2.3	20 U	1 U	2.5 U	1 U	1 U	1 U	650	1 U	2 U	1 U	4.7	6.1	170	2 U
	MTR-MW27(18)-G081010	08/10/10	1 U	3.0	20 U	1 U	2.5 U	1 U	1 U	1 U	1100	1 U	2 U	1 U	7.1	11	270	2 U
	MTR-MW27(18)-G081010R	08/10/10	1 U	3.3 J	20 U	1 U	2.5 U	1 U	1 U	1 U	1000	1 U	2 U	1 U	7.9 J	11 J	210	2 U

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Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	MTR-MW27(18)-G121510	12/15/10	1 U	2.2 J	20 U	1 U	2.5 U	1 U	1 U	1 U	790	1 U	2 U	1 U	5.7	20	160	2 U
	MTR-MW27(18)-G121510R	12/15/10	1 U	2.1 J	20 U	1 U	2.5 U	1 U	1 U	1 U	780	1 U	2 U	1 U	5.5	19	150	2 U
	MTR-MW27(18)-G032811	03/28/11	1 U	1.7	20 U	1 U	2.5 U	1 U	1 U	1 U	560	1 U	2 U	1 U	4.3	26	110	2 U
	MTR-MW27(18)-G032811R	03/28/11	1 U	1.7	20 U	1 U	2.5 U	1 U	1 U	1 U	580	1 U	2 U	1 U	4.4	28	130	2 U
	MTR-MW27(18)-G092711	09/27/11	1 UJ	1.8	20 U	1 U	2.5 U	1 U	1 U	1 U	1000	1 U	2 U	1 U	6.3	43	190	2 U
	MTR-MW27(18)-G092711R	09/27/11	1 UJ	1.7	20 U	1 U	2.5 U	1 U	1 U	1 U	970	1 U	2 U	1 U	6.0	41	160	2 U
	ATR-MW27(18)-G041612	04/16/12	1 U	2	20 U	1 U	2.5 U	1 U	1 U	1 U	950	1 U	2 U	1 U	5.2	35	190	2 U
	ATR-MW27(18)-G041612R	04/16/12	1 U	2.1	20 U	1 U	2.5 U	1 U	1 U	1 U	940	1 U	2 U	1 U	5.4	39	180	2 U
	ATR-MW27(18)-G030613	03/05/13	1 U	1.6	20 U	1 U	2.5 U	1 U	1 U	1 U	510	1 U	2 U	1 U	3.9	25	110	2 U
	ATR-MW27(18)-G050213	05/02/13	1 U	1.7	20 U	1 U	2.5 U	1 U	1 U	1 U	600	1 U	2 U	1 U	4.1	30	120	2 U
	ATR-MW27(18)-G050213R	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	550	1 U	2 U	1 U	4.2	28	110	2 U
	ATR-MW27(18)-G061914	06/19/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	280 J	1 U	1 U	1 U	2.0 J	11 J	50 J	3 U
	ATR-MW27(18)-G061914R	06/19/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	250 J	1 U	1 U	1 U	1.8 J	11 J	46 J	3 U
	ATR-MW27(18)-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	400	1 U	1 U	1 U	2.6	16	90 J	3 U
	ATR-MW27(18)-G070715R	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	410	1 U	1 U	1 U	2.5	16	86 J	3 U
	ATR-MW27(18)-G062816	06/28/16	1 U	1 U	10 UJ	1 U	1.6	1 U	1 UJ	1 U	1.0	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW27(18)-G062816R	06/28/16	1 U	1 U	10 UJ	1 U	1.2	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW27(18)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.6	1 U	2 U	1 U	1 U	1 U	1.6	2 U
	ATR-MW27(18)-G072018	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW27(18)-G072018R	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW27(18)-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	3 U
	ATR-MW27(18)-G081919R ⁽¹⁾	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-27(53.05)	MTR-MW27(53.05)-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.64 J	1 U	2 U	1 U	1 U	52	1 U	2 U
	MTR-MW27(53.05)-G051209R	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.59 J	1 U	2 U	1 U	1 U	49	1 U	2 U
	MTR-MW27(53.05)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	55	1 U	2 U
	MTR-MW27(53.05)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.56 J	1 U	2 U	1 U	1 U	40	1 U	2 U
	MTR-MW27(53.05)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.62 J	1 U	2 U	1 U	1 U	36	1 U	2 U
	MTR-MW27(53.05)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	31 J	1 U	2 U
	MTR-MW27(53.05)-G121510	12/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U	12	1 U	2 U
	MTR-MW27(53.05)-G032811	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	28	1 U	2 U
	MTR-MW27(53.05)-G092711	09/27/11	1 UJ	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.87 J	1 U	2 U	1 U	1 U	18	1 U	2 U
	ATR-MW27(53.05)-G041612	04/16/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	15	1 U	2 U
	ATR-MW27(53.05)-G030513	03/05/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.0	1 U	2 U	1 U	1 U	14	1 U	2 U
	ATR-MW27(53.05)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.6	2 U
	ATR-MW27(53.05)-G061914	06/19/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	9	1 U	3 U
	ATR-MW27(53.05)-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	7.5	1 UJ	3 U
	ATR-MW27(53.05)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.9	1 U	3 U
	ATR-MW27(53.05)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	6.8	1 U	2 U
	ATR-MW27(53.05)-G072018	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.7	1 U	3 U
	ATR-MW27(53.05)-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.9	1 U	3 U
MW-27(75.4)	MTR-MW27(75.4)-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	30	1 U	2 U	1 U	1.2	37	1.6	2 U
	MTR-MW27(75.4)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	33	1 U	2 U	1 U	1.5	37	1.1	2 U
	MTR-MW27(75.4)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	24	1 U	2 U	1 U	1.1	31	1.1	2 U
	MTR-MW27(75.4)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	34	1 U	2 U	1 U	1.4	31	1.2	2 U
	MTR-MW27(75.4)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	36	1 U	2 U	1 U	1.2	32	1.5	2 U
	MTR-MW27(75.4)-G121510	12/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	30	1 U	2 U	1 U	1 U	29	1 U	2 U
	MTR-MW27(75.4)-G032811	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	30	1 U	2 U	1 U	1 U	29	1 U	2 U
	MTR-MW27(75.4)-G092711	09/27/11	1 UJ	0.3 J	20 U	1 U	2.5 U	1 U	1 U	1 U	29	1 U	2 U	1 U	1.2	20	1.3	2 U
	MTR-MW27(75.4)-G041612	04/16/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	27	1 U	2 U	1 U	1.3	21	1 U	2 U

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	ATR-MW27(75.4)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	20	1 U	2 U	1 U	1 U	14	1 U	2 U
	ATR-MW27(75.4)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	15	1 U	1 U	1 U	1 U	16	1 UJ	3 U
	ATR-MW27(75.4)-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	16	1 U	1 U	1 U	1 U	11	1 UJ	3 U
	ATR-MW27(75.4)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	17	1 U	1 U	1 U	1 U	6.5	1.0	3 U
	ATR-MW27(75.4)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	23	1 U	2 U	1 U	1.6	1.5	2.6	2 U
	ATR-MW27(75.4)-G072018	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	12	1 U	1 U	1 U	1 U	7.7	6.5	3 U
	ATR-MW27(75.4)-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1.1	1 U	2.9	1 U	1 U	1 U	1 U	7.8	1 U	3 U
MW-27(104.2)	MTR-MW27(104.2)-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	4.4	2 U
	MTR-MW27(104.2)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	8.6	2 U
	MTR-MW27(104.2)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	5.7	2 U
	MTR-MW27(104.2)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	4.3	2 U
	MTR-MW27(104.2)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	5.2 J	2 U
	MTR-MW27(104.2)-G121510	12/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	4.4	2 U
	MTR-MW27(104.2)-G032811	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	4.2	2 U
	MTR-MW27(104.2)-G092711	09/27/11	1 UJ	1 U	20 U	1 U	1.1 J	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	4.2	2 U
	ATR-MW27(104.2)-G041612	04/16/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.7	2 U
	ATR-MW27(104.2)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.7	2 U
	ATR-MW27(104.2)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.7	3 U
	ATR-MW27(104.2)-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.1	3 U
	ATR-MW27(104.2)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.0	3 U
	ATR-MW27(104.2)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	4.1	2 U
	ATR-MW27(104.2)-G072018	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.2	3 U
	ATR-MW27(104.2)-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.0	3 U
MW-27(135)	MTR-MW27(135)-G051209	05/12/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW27(135)-G090209	09/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW27(135)-G120909	12/09/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW27(135)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-28(24.3)	MTR-MW28(24.3)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(24.3)-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(24.3)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(24.3)-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW28(24.3)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-28(53.2)	MTR-MW28(53.2)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(53.2)-G050509R	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(53.2)-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(53.2)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(53.2)-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW28(53.2)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-28(117.7)	MTR-MW28(117.7)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(117.7)-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(117.7)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(117.7)-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW28(117.7)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-28(138.1)	MTR-MW28(138.1)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(138.1)-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW28(138.1)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U

**Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)**

Monitoring Well Number	Field Sample ID	Sample Date	(Results reported in micrograms per liter, µg/L)																
			1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-29(82.5)	MTR-MW28(138.1)-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW28(138.1)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(82.5)-G050609	05/06/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(82.5)-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(82.5)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(82.5)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(82.5)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(82.5)-G120810	12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(82.5)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(82.5)-G092111	09/21/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW29(82.5)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW29(82.5)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW29(82.5)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW29(82.5)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW29(82.5)-G062216	06/22/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW29(82.5)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U		
ATR-MW29(82.5)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW29(82.5)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
MW-29(103.3)	MTR-MW29(103.3)-G050609	05/06/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(103.3)-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(103.3)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(103.3)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(103.3)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(103.3)-G120810	12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(103.3)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(103.3)-G092111	09/21/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW29(103.3)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW29(103.3)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW29(103.3)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW29(103.3)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW29(103.3)-G062216	06/22/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW29(103.3)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW29(103.3)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW29(103.3)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
MW-29(132.8)	MTR-MW29(132.8)-G050609	05/06/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(132.8)-G082709	08/27/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(132.8)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(132.8)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(132.8)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(132.8)-G120810	12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(132.8)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW29(132.8)-G092111	09/21/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW29(132.8)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW29(132.8)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW29(132.8)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW29(132.8)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW29(132.8)-G062216	06/22/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW29(132.8)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	

Table 4
 Comprehensive Summary of Volatile Organic Compound Analyses
 Performed on the Groundwater Samples Collected through August 2019
 TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
 (Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	(Results reported in micrograms per liter, µg/L)																
			1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-30(41.1)	ATR-MW29(132.8)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW29(132)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	MTR-MW30(41.1)-G050709	05/07/09	1 U	1.0	20 U	1 U	2.5 U	1 U	1 U	1 U	130	1 U	2 U	1 U	2.7	77	2.2	2 U	
	MTR-MW30(41.1)-G090109	09/01/09	1 U	1.2	20 U	1 U	2.5 U	1 U	1 U	1 U	150	1 U	2 U	1 U	3.2	82	3.5	2 U	
	MTR-MW30(41.1)-G120809	12/08/09	1 U	0.62 J	20 U	1 U	2.5 U	1 U	1 U	1 U	95	1 U	2 U	1 U	2.1	65	2.8	2 U	
	MTR-MW30(41.1)-G041410	04/14/10	1 U	0.70 J	20 U	1 U	2.5 U	1 U	1 U	1 U	82	1 U	2 U	1 U	1.8	72	1.8	2 U	
	MTR-MW30(41.1)-G080910	08/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	73	1 U	2 U	1 U	1.3	59	1.6	2 U	
	MTR-MW30(41.1)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	59	1 U	2 U	1 U	1 U	58	1 U	2 U	
	MTR-MW30(41.1)-G032811	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	76	1 U	2 U	1 U	1.6	60	2.1	2 U	
	MTR-MW30(41.1)-G092811	09/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	75	1 U	2 U	1 U	1.8	57	2.2	2 U	
	ATR-MW30(41.1)-G041312	04/13/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	110	1 U	2 U	1 U	2.2	56	1 U	2 U	
	ATR-MW30(41.1)-G030513	03/05/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	120	1 U	2 U	1 U	2.7	58	1 U	2 U	
	ATR-MW30(41.1)-G060413	06/04/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	110	1 U	2 U	1 U	2.2	61	1 U	2 U	
	ATR-MW30(41.1)-G062014	06/20/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	54 J	1 U	1 U	1 U	1 U	46 J	1 U	3 U	
	ATR-MW30(41.1)-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	46	1 U	1 U	1 U	1.7	55	1 U	3 U	
	ATR-MW30(41.1)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	59	1 U	1 U	1 U	1.5	57	1 U	3 U	
	ATR-MW30(41.1) - G061217	06/12/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	360	1 U	1 U	1 U	5.3 J	65	1.2	3 U	
	ATR-MW30(41.1)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	28	1 U	1 U	1 U	1 U	46	2.1	3 U	
ATR-MW30(41.1)-G081519	08/15/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	110	1 U	1 U	1 U	2.5	42	2.6	3 U		
MW-30(120.2)	MTR-MW30(120.2)-G050709	05/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW30(120.2)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW30(120.2)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW30(120.2)-G041410	04/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
MW-30(148)	MTR-MW30(148)-G050709	05/07/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW30(148)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW30(148)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW30(148)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
MW-31(30.9)	MTR-MW31(30.9)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.89 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G090109R	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.87 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.81 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G120309R	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.79 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G040910	04/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G040910R	04/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.68 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.54 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(30.9)-G092611	09/26/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.2	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW31(30.9)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW31(30.9)-050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW31(30.9)-G062014	06/20/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW31(30.9)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW31(30.9)-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW31(30.9)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U		
ATR-MW31(30.9)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW31(30.9)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-31(55.5)	MTR-MW31(55.5)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(55.5)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(55.5)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(55.5)-G040910	04/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(55.5)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(55.5)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(55.5)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(55.5)-G092611	09/26/11	1 U	1 U	20 U	1 U	1.1 J	1 U	1 U	1 U	0.39 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW31(55.5)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW31(55.5)-050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW31(55.5)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW31(55.5)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW31(55.5)-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW31(55.5)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
ATR-MW31(55.5)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW31(55.5)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-31(98.5)	MTR-MW31(98.5)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(98.5)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(98.5)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(98.5)-G040910	04/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(98.5)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(98.5)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(98.5)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(98.5)-G092611	09/26/11	1 U	1 U	20 U	1 U	1.1 J	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1.4	2 U
	ATR-MW31(98.5)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW31(98.5)-050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2.0	2 U
	ATR-MW31(98.5)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.9	3 U
	ATR-MW31(98.5)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.3 J	3 U
	ATR-MW31(98.5)-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.0	3 U
	ATR-MW31(98.5)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2.9	2 U
ATR-MW31(98.5)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.2	3 U	
ATR-MW31(98.5)-G071818R	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.2	3 U	
ATR-MW31(98.5)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.0	3 U	
ATR-MW31(98.5)-G081419R	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.0	3 U	
MW-31(139.2)	MTR-MW31(139.2)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(139.2)-G050509R	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(139.2)-G090109	09/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(139.2)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(139.2)-G040910	04/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(139.2)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(139.2)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(139.2)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW31(139.2)-G092611	09/26/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW31(139.2)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW31(139.2)-050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW31(139.2)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW31(139.2)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW31(139.2)-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW31(139.2)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-32(24.1)	ATR-MW31(139.2)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW31(139.2)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	MTR-MW32(24.1)-G050609	05/06/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.8	1 U	2 U	1 U	0.43 J	1 U	1 U	2 U	
	MTR-MW32(24.1)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.4	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW32(24.1)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.2	1 U	2 U	1 U	0.45 J	1 U	2.2	2 U	
	MTR-MW32(24.1)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.2	1 U	2 U	1 U	0.47 J	1 U	5.2	2 U	
	MTR-MW32(24.1)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	6.9 J	1 U	2 U	1 U	1 U	1 U	3.6 J	2 U	
	MTR-MW32(24.1)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.6	1 U	2 U	1 U	1 U	1 U	2.4	2 U	
	MTR-MW32(24.1)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	5.1	1 U	2 U	1 U	1 U	1 U	5.7	2 U	
	MTR-MW32(24.1)-G092211	09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.5	1 U	2 U	1 U	1 U	1 U	1.6	2 U	
	ATR-MW32(24.1)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	6.8	1 U	2 U	1 U	1 U	1 U	4.4	2 U	
	ATR-MW32(24.1)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.6	1 U	2 U	1 U	1 U	1 U	3.8	2 U	
	ATR-MW32(24.1)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	6.0	1 U	1 U	1 U	1 U	1 U	2.6	3 U	
	ATR-MW32(24.1)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	7.0	1 U	1 U	1 U	1 U	1 U	2.2	3 U	
	ATR-MW32(24.1)-G062716	06/27/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	5.0	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW32(24.1)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.2	1 U	2 U	1 U	1 U	1 U	1.8	2 U		
ATR-MW32(24.1)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW32(24.1)-G081519	08/15/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-32(89)	MTR-MW32(89)-G050609	05/06/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	12	2 U	
	MTR-MW32(89)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	15	2 U	
	MTR-MW32(89)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	12	2 U	
	MTR-MW32(89)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	9.4	2 U	
	MTR-MW32(89)-G041510R	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	12	2 U	
	MTR-MW32(89)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	12 J	2 U	
	MTR-MW32(89)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	11	2 U	
	MTR-MW32(89)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	10	2 U	
	MTR-MW32(89)-G092211	09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	11	2 U	
	ATR-MW32(89)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	11	2 U	
	ATR-MW32(89)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	9.7	2 U	
	ATR-MW32(89)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	9.1	3 U	
	ATR-MW32(89)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	13	3 U	
	ATR-MW32(89)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	7.8	3 U	
	ATR-MW32(89)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	14	2 U	
ATR-MW32(89)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10	3 U		
ATR-MW32(89)-G081519	08/15/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	14	3 U		
MW-32(110)	MTR-MW32(110)-G050609	05/06/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW32(110)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW32(110)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW32(110)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW32(110)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW32(110)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW32(110)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW32(110)-G092211	09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.42 J	2 U	
	ATR-MW32(110)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW32(110)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW32(110)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW32(110)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	ATR-MW32(110)-G062716	06/27/16	1 U	1 U	10 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW32(110)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW32(110)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW32(110)-G081519	08/15/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-33(23.1)	MTR-MW33(23.1)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(23.1)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(23.1)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(23.1)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-33(70.9)	MTR-MW33(70.9)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(70.9)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(70.9)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(70.9)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-33(129.1)	MTR-MW33(129.1)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(129.1)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(129.1)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(129.1)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-33(208.9)	MTR-MW33(208.9)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(208.9)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(208.9)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW33(208.9)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-34(37)	MTR-MW34(37)-G050609	05/06/09	1 U	1 U	20 UJ	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(37)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(37)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(37)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(37)-G080910	08/09/10	1 U	1 UJ	20 U	1 U	2.5 U	1 U	1 UJ	1 U	1 U	1 UJ	2 U	1 U	1 U	1 U	1 U	2 UJ
	MTR-MW34(37)-G121010	12/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(37)-G032511	03/25/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(37)-G092211	09/22/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW34(37)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW34(37)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.4	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW34(37)-G062014	06/20/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW34(37)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW34(37)-G062716	06/27/16	1 U	1 U	10 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW34(37)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW34(37)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW34(37)-G081519	08/15/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-34(85)	MTR-MW34(85)-G050609	05/06/09	1 U	1 U	20 UJ	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	12	1 U	2 U
	MTR-MW34(85)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	14	1 U	2 U
	MTR-MW34(85)-G090309R	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	14	1 U	2 U
	MTR-MW34(85)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	13	1 U	2 U
	MTR-MW34(85)-G120809R	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	14	1 U	2 U
	MTR-MW34(85)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	15	1 U	2 U
	MTR-MW34(85)-G041510R	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	15	1 U	2 U
	MTR-MW34(85)-G080910	08/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U	15	1 U	2 U
	MTR-MW34(85)-G121010	12/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	16	1 U	2 U

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
MW-34(110)	MTR-MW34(85)-G032511	03/25/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	19	1 U	2 U
	MTR-MW34(85)-G092211	09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	19	1 U	2 U
	ATR-MW34(85)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	17	1 U	2 U
	ATR-MW34(85)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	18	1 U	2 U
	ATR-MW34(85)-G062014	06/20/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	20	1 U	3 U
	ATR-MW34(85)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	24	1 U	3 U
	ATR-MW34(85)-G062716	06/27/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	21	1 U	3 U
	ATR-MW34(85)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	22	1 U	2 U
	ATR-MW34(85)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	20	1 U	3 U
	ATR-MW34(84)-G081519 ⁽¹⁾	08/15/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	20	1 U	3 U
MW-34(110)	MTR-MW34(110)-G050609	05/06/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.1	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(110)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.3	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(110)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.8	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(110)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.8	1 U	2 U	1 U	0.29 J	1 U	1 U	2 U
	MTR-MW34(110)-G080910	08/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.4	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(110)-G121010	12/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.7	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(110)-G032511	03/25/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.5	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(110)-G092211	09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.8	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW34(110)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.3	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW34(110)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.6	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW34(110)-G062014	06/20/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	3.6	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW34(110)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	5.4	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW34(110)-G062716	06/27/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	4.0	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW34(110)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	6.5	1 U	2 U	1 U	1 U	1 U	1 U	2 U
ATR-MW34(110)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	6.6	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW34(110)-G081519	08/15/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	7.0	1 U	1 U	1 U	1 U	1.1	1.2	3 U	
MW-34(135)	MTR-MW34(135)-G050609	05/06/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(135)-G090309	09/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(135)-G120809	12/08/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW34(135)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-35(45)	MTR-MW35(45)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW35(45)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW35(45)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW35(45)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW35(45)-G080410	08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW35(45)-G120810	12/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW35(45)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW35(45)-G092111	09/21/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW35(45)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U
	ATR-MW35(45)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW35(45)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW35(45)-G070215	07/02/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW35(45)-G062216	06/22/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW35(45)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
ATR-MW35(45)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW35(45)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-35(90)	MTR-MW35(90)-G050509	05/05/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U

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TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-35(148)	MTR-MW35(90)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW35(90)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW35(90)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW35(90)-G080410	08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW35(90)-G120810	12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW35(90)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW35(90)-G092111	09/21/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW35(90)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW35(90)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW35(90)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW35(90)-G070215	07/02/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW35(90)-G062216	06/22/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW35(90)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1.7	2 U
	ATR-MW35(90)-G061317R	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1.8	2 U
	ATR-MW35(90)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW35(90)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.3	3 U	
MW-36(35.2)	MTR-MW36(35.2)-G050609	05/06/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(35.2)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(35.2)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(35.2)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(35.2)-G080410	08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(35.2)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(35.2)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(35.2)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW36(35.2)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW36(35.2)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW36(35.2)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW36(35.2)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW36(35.2)-G062216	06/22/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW36(35.2)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW36(35.2)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW36(35.2)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	

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Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-36(92.4)	MTR-MW36(92.4)-G050609	05/06/09	1 U	1 U	20 UJ	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(92.4)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(92.4)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(92.4)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.40 J	2 U	
	MTR-MW36(92.4)-G080410	08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(92.4)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(92.4)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(92.4)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW36(92.4)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW36(92.4)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW36(92.4)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW36(92.4)-G070215	07/02/15	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW36(92.4)-G062216	06/22/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW36(92.4)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW36(92.4)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW36(92.4)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-36(124.5)	MTR-MW36(124.5)-G050609	05/06/09	1 U	1 U	20 UJ	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(124.5)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(124.5)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(124.5)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.39 J	2 U	
	MTR-MW36(124.5)-G080410	08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(124.5)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(124.5)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW36(124.5)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW36(124.5)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW36(124.5)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW36(124.5)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW36(124.5)-G070115	07/01/15	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW36(124.5)-G062216	06/22/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW36(124.5)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW36(124.5)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW36(124.5)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-37(23.3)	MTR-MW37(23.3)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(23.3)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(23.3)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(23.3)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(23.3)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(23.3)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(23.3)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(23.3)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW37(23.3)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW37(23.3)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW37(23.3)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW37(23.3)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW37(23.3)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW37(23.3)-G060817	06/08/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW37(23.3)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW37(23.3)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-37(70)	MTR-MW37(70)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(70)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(70)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(70)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(70)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(70)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(70)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(70)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW37(70)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW37(70)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW37(70)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW37(70)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW37(70)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW37(70)-G060817	06/08/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW37(70)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW37(70)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-37(98)	MTR-MW37(98)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.25 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G080310R	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G120710R	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G032211R	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW37(98)-G092011R	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW37(98)-G0410121	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW37(98)-G041012R	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW37(98)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW37(98)-G050113R	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U		
ATR-MW37(98)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW37(98)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U		
ATR-MW37(98)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW37(98)-G060817	06/08/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW37(98)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW37(98)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-38(20.8)	MTR-MW38(20.8)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(20.8)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(20.8)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(20.8)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(20.8)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(20.8)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(20.8)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(20.8)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW38(20.8)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW38(20.8)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW38(20.8)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-38(29.1)	ATR-MW38(20.8)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW38(20.8)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW38(20.8)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW38(20)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW38(20.8)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	MTR-MW38(29.1)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G082509R	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G120109R	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G040610R	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(29.1)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW38(29.1)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW38(29.1)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
ATR-MW38(29.1)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW38(29.1)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW38(29.1)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW38(29.1)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW38(29.1)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW38(29.1)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-38(69.9)	MTR-MW38(69.9)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G080310R	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G120710R	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G032211R	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	
	MTR-MW38(69.9)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW38(69.9)-G092011R	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW38(69.9)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW38(69.9)-G041012R	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW38(69.9)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW38(69.9)-G050213R	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW38(69.9)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW38(69.9)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
ATR-MW38(69.9)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.3 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW38(69.9)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW38(69.9)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.2	3 U	
ATR-MW38(69.9)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.4	3 U	
ATR-MW38(69.9)-G081319R	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.0	3 U	
MW-38(102.5)	MTR-MW38(102.5)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-39(13)	MTR-MW38(102.5)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(102.5)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(102.5)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(102.5)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(102.5)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(102.5)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW38(102.5)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW38(102.5)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW38(102.5)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW38(102.5)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW38(102.5)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW38(102.5)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW38(102.5)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW38(102.5)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW38(102.5)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-39(13)	MTR-MW39(13)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(13)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(13)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(13)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(13)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(13)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(13)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(13)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW39(13)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW39(13)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW39(13)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW39(13)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW39(13)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW39(13)-G060917	06/09/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW39(13)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW39(13)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-39(29.3)	MTR-MW39(29.3)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(29.3)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(29.3)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(29.3)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(29.3)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(29.3)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(29.3)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW39(29.3)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW39(29.3)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW39(29.3)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW39(29.3)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW39(29.3)-G070115	07/01/15	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW39(29.3)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW39(29.3)-G060917	06/09/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-MW39(29.3)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW39(29.3)-G081319	08/13/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-39(76.8)	MTR-MW39(76.8)-G050409	05/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	

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Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	MTR-MW39(76.8)-G082509	08/25/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW39(76.8)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW39(76.8)-G040610	04/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW39(76.8)-G080310	08/03/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW39(76.8)-G120710	12/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW39(76.8)-G032211	03/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW39(76.8)-G092011	09/20/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW39(76.8)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW39(76.8)-G050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW-39(76.8)-G061714	06/17/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW39(76.8)-G070115	07/01/15	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW39(76.8)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW39(76.8)-G060917	06/09/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW39(76.8)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW39(76.7)-G081319	08/13/19	1 UJ	1 UJ	10 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	3 UJ
MW-40(198.8) (Bedrock Well)	MTR-MW40(198.8)-G051109	05/11/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW40(198.8)-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW40(198.8)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW40(198.8)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-41(190) (Bedrock Well)	MTR-MW41(190)-G051509	05/15/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW41(190)-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW41(190)-G120409	12/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW41(190)-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-42(175.3) (Bedrock Well)	MTR-MW42(175.3)-G050709	05/07/09	1 U	1 U	49 J	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW42(175.3)-G082709	08/27/09	1 U	1 U	20 U	1 U	3.1	1 U	1 U	1 U	1 U	1 U	2 U	0.46 J	1 U	1 U	1 U	2 U
	MTR-MW42(175.3)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.6	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW42(175.3)-G040910	04/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	1 U	1 U	2 U
MW-43(190) (Bedrock Well)	MTR-MW43(190)-G051509	05/15/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW43(190)-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW43(190)-G120409	12/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW43(190)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-44(185.9) (Bedrock Well)	MTR-MW44(185.9)-G051109	05/11/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW44(185.9)-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW44(185.9)-G120309	12/03/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW44(185.9)-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-45(185) (Bedrock Well)	MTR-MW45(185)-G051409	05/14/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW45(185)-G083109	08/31/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW45(185)-G120409	12/04/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW45(185)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW45(185)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW45(185)-G120810	12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW45(185)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW45(185)-G092111	09/21/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW45(185)-G041012	04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW45(185)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	ATR-MW45(185)-G062014	06/20/14	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW45(185)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	3 U
	ATR-MW45(185)-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW45(185)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW45(185)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW45(185)-G081619	08/16/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-46(95.5)	MTR-MW46(95.5)-G050709	05/07/09	1 U	1 U	20 U	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW46(95.5)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW46(95.5)-G120109	12/01/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW46(95.5)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-47(109.7)	MTR-MW47(109.7)-G050709	05/07/09	1 U	1 U	20 UJ	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW47(109.7)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW47(109.7)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW47(109.7)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-47(137.8)	MTR-MW47(137.8)-G050709	05/07/09	1 U	1 U	20 UJ	1 U	2.5 UJ	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW47(137.8)-G082609	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW47(137.8)-G082609R	08/26/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW47(137.8)-G120209	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW47(137.8)-G120209R	12/02/09	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW47(137.8)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	1 U	1 U	2 U
	MTR-MW47(137.8)-G040810R	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-48(56)	MTR-MW48(56)-G040810	04/08/10	1 UJ	1 UJ	20 UJ	1 UJ	2.5 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2 UJ
	MTR-MW48(56)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(56)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(56)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(56)-G092111	09/21/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW48(56)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-48(105)	MTR-MW48(105)-G040910	04/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(105)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(105)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(105)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(105)-G092111	09/21/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW48(105)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-48(129)	MTR-MW48(129)-G040910	04/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(129)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(129)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(129)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW48(129)-G092111	09/21/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW48(129)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-48(159)	MTR-MW48(159)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	1 U	2.6	2 U
	MTR-MW48(159)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.1	2 U
	MTR-MW48(159)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	3.8	2 U
	MTR-MW48(159)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	3.5	2 U
	MTR-MW48(159)-G092111	09/21/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.7	2 U

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Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	ATR-MW48(159)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.5	2 U
	ATR-MW48(159)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.3	2 U
	ATR-MW48(159)-G043013R	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2.6	2 U
	ATR-MW48(159)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	3 U
	ATR-MW48(159)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.8	3 U
	ATR-MW48(159)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW48(159)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW48(159)-G072018	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.8	3 U
	ATR-MW48(159)-G081519	08/15/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW48(159)-G081519R	08/15/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-49(20)	MTR-MW49(20)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(20)-G080410	08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(20)-G120810	12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(20)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(20)-G092111	09/21/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW49(20)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-49(45)	MTR-MW49(45)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(45)-G080410	08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(45)-G120810	12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(45)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(45)-G092111	09/21/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW49(45)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-49(95)	MTR-MW49(95)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(95)-G080410	08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(95)-G120810	12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(95)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(95)-G092111	09/21/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW49(95)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-49(200)	MTR-MW49(200)-G040710	04/07/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(200)-G080410	08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(200)-G120810	12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(200)-G032311	03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW49(200)-G092111	09/21/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW49(200)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-50(45)	MTR-MW50(45)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.7	1 U	2 UJ	1 U	0.54 J	1 U	0.53 J	2 U
	MTR-MW50(45)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.1	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(45)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.1	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(45)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.2	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(45)-G092211	09/22/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	3.7	1 U	2 U	1 U	0.45 J	1 U	1 U	2 U
	ATR-MW50(45)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.4	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW50(45)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 UJ	1 U	1 U	1 U	2.8	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW50(45)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	2.4	1 U	1 U	1 U	1 U	1 U	1 UJ	3 U
	ATR-MW50(45)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	2.2	1 U	1 U	1 U	1 U	1 U	2.3	3 U
	ATR-MW50(45)-G062416	06/24/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.5	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW50(45)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.5	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW50(45)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U	1 U	1 U	1 U	1 U	1 U	3 U

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	ATR-MW50(45)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1.4	1 U	1 U	1 U	1 U	1 U	1.3	3 U
MW-50(80)	MTR-MW50(80)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(80)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(80)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(80)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(80)-G092211	09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW50(80)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW50(80)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW50(80)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	3 U
	ATR-MW50(80)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW50(80)-G062416	06/24/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW50(80)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.7	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW50(80)-G071918	07/19/18	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW50(80)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-50(130)	MTR-MW50(130)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(130)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(130)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(130)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW50(130)-G092211	09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW50(130)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW50(130)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-51(25)	MTR-MW51(25)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.35 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW51(25)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW51(25)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW51(25)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW51(25)-G092211	09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW51(25)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW51(25)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW51(25)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	3 U
	ATR-MW51(25)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW51(25)-G062716	06/27/16	1 U	1 U	10 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW51(25)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW51(25)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW51(25)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-51(70)	MTR-MW51(70)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	1 U	1 U	2 U
	MTR-MW51(70)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW51(70)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW51(70)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	MTR-MW51(70)-G092211	09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW51(70)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW51(70)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW51(70)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	3 U
	ATR-MW51(70)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW51(70)-G062716	06/27/16	1 U	1 U	10 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW51(70)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW51(70)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW51(70)-G081419	08/14/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.2	3 U

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TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-51(117)	MTR-MW51(117)-G041510	04/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW51(117)-G081010	08/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 UJ	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW51(117)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW51(117)-G032911	03/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW51(117)-G092211	09/22/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW51(117)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW51(117)-G043013	04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
MW-52(55)	MTR-MW52(55)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.86 J	1 U	2 U	1 U	1 U	1 U	0.79 J	2 U	
	MTR-MW52(55)-G080610	08/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.45 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW52(55)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW52(55)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW52(55)-G092311	09/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.33 J	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW52(55)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW52(55)-G050713	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW52(55)-G062414	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW52(55)-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW52(55)-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW52(55)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW52(55)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW52(55)-G082219	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-52(148)	MTR-MW52(148)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW52(148)-G080610	08/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW52(148)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW52(148)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW52(148)-G092311	09/23/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW52(148)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW52(148)-G062414	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW52(148)-G070715	07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW52(148)-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW52(148)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	ATR-MW52(148)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW52(148)-G082219	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	MW-53(41)	MTR-MW53(41)-G040810	04/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MTR-MW53(41)-G080410		08/04/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
MTR-MW53(41)-G120810		12/08/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
MTR-MW53(41)-G032311		03/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
MTR-MW53(41)-G092211		09/22/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW53(41)-G041012		04/10/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW53(41)-G043013		04/30/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW53(41)-G062014		06/20/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW53(41)-G070615		07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW53(41)-G062216		06/22/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW53(41)-G061317		06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW53(41)-G071818		07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW53(41)-G081619		08/16/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-55(49)	MTR-MW55(49)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.6	1 U	2 U	1 U	1 U	4.2	1 U	2 U	

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TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
MW-56(50)	MTR-MW55(49)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.0	1 U	2 U	1 U	1 U	3.3	1 U	2 U
	MTR-MW55(49)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.7	1 U	2 U	1 U	1 U	3.1	1 U	2 U
	MTR-MW55(49)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.2	1 U	2 U	1 U	1 U	3.7	1 U	2 U
	MTR-MW55(49)-G092311	09/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.7	1 U	2 U	1 U	1 U	2.8	1 U	2 U
	ATR-MW55(49)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.5	1 U	2 U	1 U	1 U	3.0	1 U	2 U
	ATR-MW55(49)-G050713	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.5	1 U	2 U	1 U	1 U	1.9	1 U	2 U
	ATR-MW55(49)-G062414	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.9	1 U	1 U	1 U	1 U	1.7	1 U	3 U
	ATR-MW55(49)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.8	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW55(49)-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW55(49)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.8	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW55(49)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW55(49)-G081619 ⁽¹⁾	08/16/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.9	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	MW-57(38)	MTR-MW56(50)-G042010	04/20/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	15	1 U	2 U	1 U	1 U	1 U	3.0
MTR-MW56(50)-G080610		08/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	14	1 U	2 U	1 U	1 U	1 U	2.6	2 U
MTR-MW56(50)-G121410		12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	16	1 U	2 U	1 U	1 U	1 U	3.0	2 U
MTR-MW56(50)-G032411		03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	19	1 U	2 U	1 U	1 U	1 U	3.8	2 U
MTR-MW56(50)-G092311		09/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	16	1 U	2 U	1 U	0.41 J	1 U	3.2	2 U
ATR-MW56(50)-G041212		04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	16	1 U	2 U	1 U	1 U	1 U	3.8	2 U
ATR-MW56(50)-G050713		05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	12	1 U	2 U	1 U	1 U	1 U	2.6	2 U
ATR-MW56(50)-G062414		06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	8.6	1 U	1 U	1 U	1 U	1 U	1.8	3 U
ATR-MW56(50)-G070715		07/07/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	8.8	1 U	1 U	1 U	1 U	1 U	2.1	3 U
ATR-MW56(50)-G062316		06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	7.7	1 U	1 U	1 U	1 U	1 U	1.6	3 U
ATR-MW56(50)-G061217		06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	8.0	1 U	2 U	1 U	1 U	1 U	1.9	2 U
ATR-MW56(51)-G071818		07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	7.5	1 U	1 U	1 U	1 U	1 U	2.0	3 U
ATR-MW56(51)-G082119		08/21/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.7	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-59(29)	MTR-MW57(38)-G041210	04/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.9	1 U	2 U	1 U	1 U	2.2	1 U	2 U
	MTR-MW57(38)-G080510	08/05/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.9	1 U	2 U	1 U	1 U	2.4	1 U	2 U
	MTR-MW57(38)-G120910	12/09/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.5	1 U	2 U	1 U	1 U	1.6	1 U	2 U
	MTR-MW57(38)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.6	1 U	2 U	1 U	1 U	2.3	1 U	2 U
	MTR-MW57(38)-G092811	09/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.9 U	1 U	2 U	1 U	1 U	2.1	1 U	2 U
	ATR-MW57(38)-G041112	04/11/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	4.4	1 U	2 U	1 U	1 U	3.8	1 U	2 U
	ATR-MW57(38)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.2	1 U	2 U	1 U	1 U	3.5	1 U	2 U
	ATR-MW57(38)-G062414	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	4.3	1 U	1 U	1 U	1 U	3.1	1 U	3 U
	ATR-MW57(38)-G070615	07/06/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	6.4	1 U	1 U	1 U	1 U	6.2	1 U	3 U
	ATR-MW57(38)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	6.3	1 U	1 U	1 U	1 U	5.3	1 U	3 U
	ATR-MW57(38)-G060817	06/08/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	5.5	1 U	1 U	1 U	1 U	4.9	1 U	3 U
	ATR-MW57(38)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	7.2	1 U	1 U	1 U	1 U	5.4	1 U	3 U
	ATR-MW57(38)-G081619 ⁽¹⁾	08/16/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	8.3	1 U	1 U	1 U	1 U	5.3	1 U	3 U
MW-59(29)	MTR-MW59(29)-G042010	04/20/10	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
	MTR-MW59(29)-G042010R	04/20/10	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
	MTR-MW59(29)-G051110	05/11/10	1 U	130	20 U	0.58 J	2.5 U	1 U	1 U	1 U	40000	6.5 J	2 U	74 J	350	190	17000	19 J
	MTR-MW59(29)-G081110	08/11/10	100 U	220	2000 U	100 U	250 U	100 U	100 U	57000 J	100 U	200 U	84 J	290	100 U	9200	200 U	
	MTR-MW59(29)-G121610	12/16/10	1 U	220	20 U	1 U	2.5 U	1 U	1 U	53000	9.2	2 U	110	310	520	12000	26	
	MTR-MW59(29)-G033011	03/30/11	20 U	270	73 J	20 U	50 U	20 U	20 U	56000	9.0 J	40 U	100	340	390	17000	22 J	
	MTR-MW59(29)-G092811	09/28/11	50 U	370	1000 U	50 U	120 U	50 U	50 U	39000	50 U	100 U	96	340	84	13000	62	
	ATR-MW59(29)-G041712	04/17/12	50 U	230	1000 U	50 U	120 U	50 U	50 U	55000	50 U	100 U	54	250	50 U	18000	100 U	
ATR-MW59(29)-G092712	09/27/12	50 U	220	1000 U	50 U	120 U	50 U	50 U	42000	50 U	100 U	64	290	50 U	10000	100 U		

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	(Results reported in micrograms per liter, µg/L)														Xylenes, Total		
			1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene		Vinyl chloride	
MW-59(46)	ATR-MW59(29)-G010713	01/07/13	50 U	150	1000 U	50 U	120 U	50 U	50 U	50 U	31000	50 U	100 U	58	190	50 U	13000	100 U	
	ATR-MW59(29)-G020413	02/04/13	5 U	160	10	5 U	12 U	5 U	5 U	5 U	29000	6.8	10 U	53	190	5 U	18000	18	
	ATR-MW59(29)-G030613	03/06/13	20 U	69	400 U	20 U	50 U	20 U	20 U	20 U	18000	20 U	40 U	48	140	20 U	23000	40 U	
	ATR-MW59(29)-G050213	05/02/13	100 U	100 U	2000 U	100 U	250 U	100 U	100 U	100 U	26000	100 U	200 U	54	100 U	100 U	21000	200 U	
	ATR-MW59(29)-G062414	06/24/14	20 U	90	200 UJ	20 U	20 U	20 U	20 U	20 U	10000	20 U	20 U	29	93	20 U	6100	60 U	
	ATR-MW59(29)-G070915	07/09/15	200 UJ	250 J	2000 UJ	200 U	200 UJ	200 U	200 UJ	200 U	34000	200 U	200 U	200 U	220 J	200 U	22000	600 U	
	ATR-MW59(29)-G061716	06/17/16	25 U	25 U	250 U	25 U	25 UJ	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	11000	75 UJ	
	ATR-MW59(29)-G061716R	06/17/16	25 U	25 U	250 U	25 U	25 UJ	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	11000	75 UJ	
	ATR-MW59(29)-G060717	06/07/17	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 UJ	1 U	2.6	3.5	1 U	13	1 U	1 U	5.2 J	8.0
	ATR-MW59(29)-G060717R	06/07/17	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	5.4 J	1 U	3.2	3.4	1 U	13	1 U	1 U	5.6	7.5
	ATR-MW59(29)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	2.5	1 U	1.7	2.4	1 U	11	1 U	1 U	5.7	6.8
	ATR-MW59(29)-G072418R	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	2.7	1 U	1.6	2.2	1 U	10	1 U	1 U	5.4	5.8
	ATR-MW59(29)-G082219	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	2.9	1 U	1.0	2.7	1 U	3.1	1 U	1 U	1.2	7.0
	ATR-MW59(29)-G082219R	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	2.2	1 U	1.1	2.7	1 U	3.1	1 U	1 U	1.3	6.9
	MW-59(46)	MTR-MW59(46)-G042010	04/20/10	10 U	11	200 U	10 U	25 U	10 U	10 U	10 U	1900	10 U	20 U	10 U	5.9 J	9.6 J	190	20 U
		MTR-MW59(46)-G081110	08/11/10	1 U	3.1	20 U	1 U	2.5 U	1 U	1 U	1 U	360	2.5 J	2 U	0.89 J	3.2	2.3	100	3.5
		MTR-MW59(46)-G121610	12/16/10	1 U	12	20 U	1 U	2.5 U	1 U	1 UJ	1 U	1400	4.6	2 U	1.5	8.9	120	250	6.1
		MTR-MW59(46)-G121610R	12/16/10	1 U	11	20 U	1 U	2.5 U	1 U	1 UJ	1 U	1300	4.3	2 U	1.4	7.7	100	260	5.7
		MTR-MW59(46)-G033011	03/30/11	1 U	17	20 U	1 U	2.5 U	1 U	1 U	1 U	2800	5.7	2 U	1.6	14 J	140	280	7.1
MTR-MW59(46)-G033011R		03/30/11	1 U	18	20 U	1 U	2.5 U	1 U	1 U	1 U	2800	5.9	2 U	1.6	14 J	140	290	7.5	
MTR-MW59(46)-G092811		09/28/11	5 U	19	100 U	5 U	12 U	5 U	5 U	5 U	2800	9.8	10 U	4.6	18	490	320	17	
MTR-MW59(46)-G092811R		09/28/11	5 U	19	100 U	5 U	12 U	5 U	5 U	5 U	2800	10	10 U	4.9	15	500	350	17	
ATR-MW59(46)-G041712		04/17/12	5 U	14	100 U	5 U	12 U	5 U	5 U	5 U	2700	7	10 U	2.3	11	810	86	9.8	
ATR-MW59(46)-G041712R		04/17/12	5 U	17	100 U	5 U	12 U	5 U	5 U	5 U	3000	7.9	10 U	2.4	13	880	100	11	
ATR-MW59(46)-G092612		09/26/12	5 U	33	100 U	5 U	12 U	5 U	5 U	5 U	4400	10	10 U	5 U	26	650	260	13	
ATR-MW59(46)-G092612R		09/26/12	5 U	32	100 U	5 U	12 U	5 U	5 U	5 U	4000	11	10 U	5 U	25	570	260	14	
ATR-MW59(46)-G030513		03/05/13	5 U	25	100 U	5 U	12 U	5 U	5 U	5 U	3400	8.6	10 U	3.2	21	790	200	11	
ATR-MW59(46)-G050213		05/02/13	5 U	20	100 U	5 U	12 U	5 U	5 U	5 U	2900	8.8	10 U	3.4	18	700	140	10 U	
ATR-MW59(46)-G062414		06/24/14	10 U	28	100 UJ	10 U	10 U	10 U	10 U	10 U	2800	10 U	10 U	10 U	15	300	390	30 U	
ATR-MW59(46)-G062414R		06/24/14	10 U	29	100 UJ	10 U	10 U	10 U	10 U	10 U	2700	10 U	10 U	10 U	15	300	400	30 U	
ATR-MW59(46)-G070915		07/09/15	2 U	15 J	20 U	2 U	2 U	2 U	2 UJ	2 U	780	4.4	2 U	2 U	4.4 J	19	320	6 U	
ATR-MW59(46)-G070915R		07/09/15	2 U	14 J	20 U	2 U	2 U	2 U	2 UJ	2 U	750	4.2	2 U	2 U	4.3 J	18	300	6 U	
ATR-MW59(46)-G062816		06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.0	1 U	1 U	1.6	1 U	1 U	1.3	3 U	
ATR-MW59(46)-G060717	06/07/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.2	2.1	1 U	3.0	1 U	1 U	1 U	3 U		
ATR-MW59(46)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1.0	2.8	1 U	4.5	1 U	1 U	7.7	5.1		
ATR-MW59(46)-G082219	08/22/19	1 U	41	10 U	1 U	1 U	1 U	1 U	1 U	1200	4.6	1 U	3.9	16	1 U	1600	7.5		
MW-60(38)	MTR-MW60(38)-G042910	04/29/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	94	0.34 J	2 U	0.18 J	0.44 J	1 U	170 J	0.71 J	
	MTR-MW60(38)-G080610	08/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	78	0.4 J	2 U	1 U	1 U	1 U	90	0.45 J	
	MTR-MW60(38)-G121410	12/14/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	24	0.44 J	2 U	1 U	1 U	1 U	100	0.48 J	
	MTR-MW60(38)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	45	0.47 J	2 U	1 U	1 U	1 U	260	1.3 J	
	MTR-MW60(38)-G092311	09/23/11	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	73	0.78 J	2 U	1 U	0.31 J	1 U	250	0.64 J	
	ATR-MW60(38)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	37	1 U	2 U	1 U	1 U	1 U	83	2 U	
	ATR-MW60(38)-G092612	09/26/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	31	1 U	2 U	1 U	1 U	1 U	250	2 U	
	ATR-MW60(38)-G030513	03/05/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	33	1 U	2 U	1 U	1 U	1 U	140	2 U	
	ATR-MW60(38)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	62	1 U	2 U	1 U	1 U	1 U	210	2 U	
	ATR-MW60(38)-G062514	06/25/14	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	60	1 U	1 U	1 U	1 U	1 U	150	3 U	
	ATR-MW60(38)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	130	1 U	1 U	1 U	1 U	1 U	220	3 U	
	ATR-MW60(38)-G062316	06/23/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1.6	1 U	1 U	1 U	1 U	2.3	3 U	
	ATR-MW60(38)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	130	1 U	2 U	1 U	1 U	1 U	270 J	2 U	

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

Monitoring Well Number	Field Sample ID	Sample Date	(Results reported in micrograms per liter, µg/L)														Xylenes, Total		
			1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene		Vinyl chloride	
MW-61(26)	ATR-MW60(38)-G061217R	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	130	1 U	2 U	1 U	1 U	1 U	260	2 U	
	ATR-MW60(38)-G071818	07/18/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	44	1 U	1 U	1 U	1 U	1 U	70	3 U	
	ATR-MW60(38)-G082219	08/22/19	1 U	3.0	10 U	1 U	1 U	1 U	1 U	1 U	420	1 U	1 U	1 U	2.4	1 U	430	J+	3 U
	MTR-MW61(26)-G041310	04/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	96	1 U	2 U	1 U	0.46 J	1 U	140	2 U	
	MTR-MW61(26)-G080610	08/06/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	15	1 U	2 U	1 U	1 U	1 U	8.6	2 U	
	MTR-MW61(26)-G121010	12/10/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	64	0.39 J	2 U	1 U	1 U	1 U	42	0.37 J	
	MTR-MW61(26)-G032411	03/24/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-MW61(26)-G092611	09/26/11	1 UJ	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	4.9	2 U	
	ATR-MW61(26)-G041212	04/12/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	4.5	2 U	
ATR-MW61(26)-G050713	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
ATR-MW61(26)-G050713R	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U	
MW-62(36)	MTR-MW62(36)-G041910	04/19/10	20 U	20 U	400 U	20 U	50 U	20 U	20 U	20 U	1400	20 U	40 UJ	20 U	20 U	20 U	1100	40 U	
	MTR-MW62(36)-G081110	08/11/10	1 U	0.85 J	20 U	1 U	2.5 U	1 U	1 U	1 U	710	1 UJ	1.3 J	1 U	3.7	2.8	1000	2 U	
	MTR-MW62(36)-G121610	12/16/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 UJ	1 U	610	1 U	2 U	1 U	3.0	2.2	2600	2 U	
	MTR-MW62(36)-G121610R	12/16/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 UJ	1 U	610	1 U	2 U	1 U	3.2	2.0	2400	2 U	
	MTR-MW62(36)-G033011	03/30/11	5 U	5 U	16 J	5 U	12 U	5 U	5 U	5 U	1800	5 U	10 U	5 U	5.2 J	5 U	5300	10 U	
	MTR-MW62(36)-G092811	09/28/11	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	800	10 U	20 U	10 U	3.8 J	10 U	5500	20 U	
	ATR-MW62(36)-G041612	04/16/12	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1500	5 U	10 U	5 U	5 U	5 U	4500	10 U	
	ATR-MW62(36)-G050213	05/02/13	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	2400	10 U	20 U	10 U	10 U	10 U	2000	20 U	
	ATR-MW62(36)-G062414	06/24/14	50 U	50 U	500 U	50 U	50 U	50 U	50 UJ	50 U	9400	50 U	50 U	50 U	53	50 U	4700	150 U	
	ATR-MW62(36)-G070915	07/09/15	20 U	24 J	200 U	20 U	20 U	20 U	20 UJ	20 U	6500	20 U	20 U	20 U	51 J	20 U	4400	60 U	
	ATR-MW62(36)-G061616	06/16/16	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	4.8	1 U	1 U	1 U	1 U	1 U	39	3 UJ	
	ATR-MW62(36)-G060717	06/07/17	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.3 J	3 U	
	ATR-MW62(36)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW62(36)-G081619	08/16/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.2	3 U	
MW-65(32)	MTR-MW65(32)-G041610	04/16/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	2.1	1 U	2 UJ	1 U	1 U	1 U	31	2 U	
	MTR-MW65(32)-G081210	08/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	53	1 UJ	2 U	1 U	1 U	1 U	100	2 U	
	MTR-MW65(32)-G081210R	08/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	52	1 UJ	2 U	1 U	1 U	1 U	120	2 U	
	MTR-MW65(32)-G121310	12/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.0	1 U	2 U	1 U	1 U	1 U	2700	2 U	
	MTR-MW65(32)-G121310R	12/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.1	1 U	2 U	1 U	1 U	1 U	2700	2 U	
	MTR-MW65(32)-G033011	03/30/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	280	1 U	2 U	0.27 J	1.3	1 U	3100	2 U	
	MTR-MW65(32)-G033011R	03/30/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	300	1 U	2 U	0.27 J	1.2	1 U	3000	2 U	
	MTR-MW65(32)-G092911	09/29/11	5 U	5.6	100 U	5 U	12 U	5 U	5 U	5 U	2600	5 U	10 U	5 U	16 J	5 U	1500	10 U	
	MTR-MW65(32)-G092911R	09/29/11	5 U	4.9	100 U	5 U	12 U	5 U	5 U	5 U	2500	5 U	10 U	5 U	12 J	5 U	1400	10 U	
	ATR-MW65(32)-G041712	04/17/12	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1000	5 U	10 U	5 U	5 U	5 U	380	10 U	
	ATR-MW65(32)-G041712R	04/17/12	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1000	5 U	10 U	5 U	5 U	5 U	400	10 U	
	ATR-MW65(32)-G030513	03/05/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	270	1 U	2 U	1 U	1.6	1 U	250	2 U	
	ATR-MW65(32)-G050613	05/06/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	300	1 U	2 U	1 U	1 U	1 U	260	2 U	
	ATR-MW65(32)-G062414	06/24/14	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	2.1	1 U	1 U	1 U	1 U	1 U	4.9	3 U	
	ATR-MW65(32)-G071015	07/10/15	1 U	1 UJ	10 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0	3 U	
	ATR-MW65(32)-G062916	06/29/16	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	37	3 U	
	ATR-MW65(32)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
ATR-MW65(32)-G072518	07/25/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
ATR-MW65(32)-G082219	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-67(30)	MTR-MW67(30)-G041610	04/16/10	20 U	66	400 U	20 U	50 U	20 U	20 U	20 U	50000	20 U	40 UJ	20 U	300	7.4 J	6300	40 U	
	MTR-MW67(30)-G041610R	04/16/10	20 U	81	400 U	20 U	50 U	20 U	20 U	20 U	48000	20 U	40 UJ	20 U	370	9.0 J	5400	40 U	
	MTR-MW67(30)-G081210	08/12/10	50 U	52 J	1000 U	50 U	120 U	50 U	50 U	50 U	41000	50 UJ	100 U	50 UJ	270 J	50 UJ	8400 J	100 U	

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
MW-68(32)	MTR-MW67(30)-G081210R	08/12/10	1 U	90 J	20 U	1 U	2.5 U	1 U	1 U	1 U	44000	1 U	1.8 J	3.5 J	530 J	2.2 J	14000 J	2 U
	MTR-MW67(30)-G121310	12/13/10	10 U	20 J	200 U	10 U	25 U	10 U	10 U	10 U	9300	10 U	20 U	10 U	99	10 U	1400	20 U
	MTR-MW67(30)-G121310R	12/13/10	10 U	22 J	200 U	10 U	25 U	10 U	10 U	10 U	11000	10 U	20 U	10 U	110	10 U	1800	20 U
	MTR-MW67(30)-G033011	03/30/11	10 U	12	29 J	10 U	25 U	10 U	10 U	10 U	5000	10 U	20 U	10 U	38	10 U	550	20 U
	MTR-MW67(30)-G033011R	03/30/11	10 U	13	23 J	10 U	25 U	10 U	10 U	10 U	6100	10 U	20 U	10 U	44	10 U	620	20 U
	MTR-MW67(30)-G092911	09/29/11	20 U	24	400 U	20 U	50 U	20 U	20 U	20 U	15000	20 U	40 U	20 U	180	20 U	7400	40 U
	MTR-MW67(30)-G092911R	09/29/11	20 U	20	400 U	20 U	50 U	20 U	20 U	20 U	15000	20 U	40 U	20 U	150	20 U	7400	40 U
	ATR-MW67(30)-G041712	04/17/12	20 U	39	400 U	20 U	50 U	20 U	20 U	20 U	33000	20 U	40 U	20 U	130	20 U	5200	40 U
	ATR-MW67(30)-G041712R	04/17/12	20 U	52	400 U	20 U	50 U	20 U	20 U	20 U	33000	20 U	40 U	20 U	160	20 U	4700	40 U
	ATR-MW67(30)-G092612	09/26/12	20 U	20 U	400 U	20 U	50 U	20 U	20 U	20 U	7900	20 U	40 U	20 U	69	20 U	870	40 U
	ATR-MW67(30)-G050613	05/06/13	50 U	50 U	1000 U	50 U	120 U	50 U	50 U	50 U	21000	50 U	100 U	50 U	170	50 U	1800	100 U
	ATR-MW67(30)-G062414	06/24/14	4 U	9.6	40 UJ	4 U	4 U	4 U	4 U	4 U	1100	4 U	4 U	4 U	14	4 U	32	12 U
	ATR-MW67(30)-G071015	07/10/15	2 U	4.1 J	20 U	2 U	2 U	2 U	2 UJ	2 U	550	2 U	2 U	2 U	13 J	2 U	9.4	6 U
	ATR-MW67-G062016	06/20/16	1 UJ	1 UJ	10 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	160 J	1 UJ	1 UJ	1 UJ	2.1 J	1 UJ	64 J	3 UJ
	ATR-MW67-G060817	06/08/17	1 U	1 U	43 J	1 U	1 U	1 U	1 U	1 U	16	1 U	1 U	1 U	1 U	1 U	57 J	3 U
	ATR-MW67(30)-G072518	07/25/18	1 U	1 U	15	1 U	1 U	1 U	1 UJ	1 U	5.7	1 U	1 U	1 U	1 U	1 U	2.4	3 U
	ATR-MW67(30)-G082219	08/22/19	1 U	1 U	20	1 U	1 U	1 U	1 U	1 U	2.6	1 U	1 U	1.6	1 U	1 U	1 U	3 U
	MW-68(32)	MTR-MW68(32)-G041610	04/16/10	1 U	50	20 U	1 U	2.5 U	1 U	1 U	1 U	23000	1 U	1.1 J	1 U	170 J	1.6	3100
MTR-MW68(32)-G081210		08/12/10	1 U	53	20 U	1 U	2.5 U	1 U	1 U	1 U	29000	1 U	0.61 J	2.0	280 J	1.2	11000	2 U
MTR-MW68(32)-G081210R		08/12/10	1 U	45	20 U	1 U	2.5 U	1 U	1 U	1 U	32000	1 U	0.56 J	1.4	530 J	1.0	9500	2 U
MTR-MW68(32)-G121310		12/13/10	20 U	48 J	400 U	20 U	50 U	20 U	20 U	20 U	13000	20 U	40 U	20 U	250	20 U	4100	40 U
MTR-MW68(32)-G033011		03/30/11	20 U	20 U	400 U	20 U	50 U	20 U	20 U	20 U	11000	20 U	40 U	20 U	81	20 U	1400	40 U
MTR-MW68(32)-G092911		09/29/11	1 U	31	20 U	1 U	2.5 U	1 U	1 U	1 U	8700	1 U	2 U	0.77	64	2.7	2900	2 U
ATR-MW68(32)-G041712		04/17/12	10 U	37	200 U	10 U	25 U	10 U	10 U	10 U	34000	10 U	20 U	10 U	170	10 U	3400	20 U
ATR-MW68(32)-G050613		05/06/13	50 U	50 U	1000 U	50 U	120 U	50 U	50 U	50 U	28000	50 U	100 U	50 U	170	50 U	3000	100 U
ATR-MW68(32)-G062414		06/24/14	50 U	66	500 U	50 U	50 U	50 U	50 UJ	50 U	28000	50 U	50 U	50 U	220	50 U	2100	150 U
ATR-MW68(32)-G071015		07/10/15	25 U	38	250 U	25 U	25 U	25 U	25 U	25 U	7500	25 U	25 U	25 U	66	25 U	490	75 U
ATR-MW68-G061716		06/17/16	1 U	2.1	24	1 U	1 UJ	1 U	1 U	1 U	190	1 U	1 U	1 U	5.0	1 U	89	3 U
ATR-MW68-G060817		06/08/17	2 U	2 U	98 J	2 U	2 U	2 U	2 U	2 U	66	2 U	2 U	2 U	2 U	2 U	540	6 U
ATR-MW68(32)-G072518		07/25/18	5 U	5 U	50 U	5 U	5 U	5 U	5 UJ	5 U	240 J	5 U	5 U	5 U	5 U	5 U	1000	15 U
ATR-MW68(32)-G082219 ⁽¹⁾		08/22/19	1 U	1 U	12	1 U	1 U	1 U	1 U	1 U	12	1 U	1 U	1.4	1 U	1 U	44	3 U
MW-71(33)	MTR-MW71(33)-G041610	04/16/10	1 U	20	20 U	1 U	2.5 U	1 U	1 U	1 U	8200	1 U	2 UJ	31	56	0.56 J	7600	2 U
	MTR-MW71(33)-G041610R	04/16/10	1 U	20	20 U	1 U	2.5 U	1 U	1 U	1 U	7900	1 U	2 UJ	31	55	0.51 J	7800	2 U
	MTR-MW71(33)-G081210	08/12/10	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	2100	10 UJ	20 U	15	7.6 J	10 U	6200	20 U
	MTR-MW71(33)-G121310	12/13/10	50 U	50 U	1000 U	50 U	120 U	50 U	50 U	50 U	32000	50 U	100 U	54	210	50 U	16000	100 U
	MTR-MW71(33)-G033011	03/30/11	50 U	150	140 J	50 U	120 U	50 U	50 U	50 U	74000	50 U	100 U	94	430	50 U	16000	100 U
	MTR-MW71(33)-G092911	09/29/11	50 U	170	1000 U	50 U	120 U	50 U	50 U	50 U	43000	50 U	100 U	96	400	50 U	15000	100 U
	ATR-MW71(33)-G041712	04/17/12	50 U	81	1000 U	50 U	120 U	50 U	50 U	50 U	54000	50 U	100 U	68	280	50 U	15000	100 U
	ATR-MW71(33)-G050613	05/06/13	100 U	100 U	2000 U	100 U	250 U	100 U	100 U	100 U	38000	100 U	200 U	71	240	100 U	7500	200 U
	ATR-MW71(33)-G062414	06/24/14	20 U	20 U	200 UJ	20 U	20 U	20 U	20 U	20 U	2900	20 U	20 U	25	20 U	20 U	6500	60 U
	ATR-MW71(33)-G071015	07/10/15	5 UJ	5 UJ	50 UJ	5 U	5 UJ	5 U	5 UJ	5 U	60	5 U	5 U	29	5 U	5 U	2400	15 U
	ATR-MW71-G062016	06/20/16	1 U	1 U	69 U	1 U	6.0	1 U	1 U	1 U	26	1 U	1 U	36	1 U	1 U	300	3 U
	ATR-MW71-G060817	06/08/17	1 U	1 U	150 J	1 U	1 U	1 U	1 U	1 U	11	1 U	1 U	40	1 U	1 U	460 J	3 U
ATR-MW71(33)-G072518	07/25/18	10 U	10 U	100 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	39	10 U	10 U	3000	30 U	
ATR-MW71(33)-G082219 ⁽¹⁾	08/22/19	1 U	1 U	16	1 U	1.2 J	1 U	1 U	1 U	2.0	1 U	1 U	1.6	1 U	1 U	1 U	3 U	
MW-72(32)	MTR-MW72(32)-G041610	04/16/10	1 U	270	20 U	1 U	2.5 U	1 U	1 U	1 U	64000	1 U	0.44 J	57	290	0.79 J	12000	2 U
	MTR-MW72(32)-G041610R	04/16/10	1 U	210	20 U	1 U	2.5 U	1 U	1 U	1 U	68000	1 U	0.58 J	58	280	0.97 J	11000	2 U
	MTR-MW72(32)-G081210	08/12/10	200 U	160 J	4000 U	200 U	500 U	200 U	200 U	200 U	60000	200 UJ	400 U	200 U	200 U	200 U	14000	400 U

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Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
MW-75(32)	MTR-MW72(32)-G121310	12/13/10	100 U	220 J	2000 U	100 U	250 U	100 U	100 U	100 U	100000	100 U	200 U	100 U	280	100 U	23000	200 U	
	MTR-MW72(32)-G033011	03/30/11	1 U	190	20 U	0.2 J	2.5 U	1 U	1 U	1 U	63000	1 U	2 U	57	230 J	1.0	7500	2 U	
	MTR-MW72(32)-G092911	09/29/11	20 U	96	400 U	20 U	50 U	20 U	20 U	20 U	20000	20 U	40 U	28	110	20 U	4800	40 U	
	ATR-MW72(32)-G041712	04/17/12	20 U	280	400 U	20 U	50 U	20 U	20 U	20 U	43000	20 U	40 U	46	260	20 U	7800	40 U	
	ATR-MW72(32)-G030613	03/06/13	100 U	390	2000 U	100 U	250 U	100 U	100 U	100 U	87000	100 U	200 U	100 U	620	100 U	8300	200 U	
	ATR-MW72(32)-G050613	05/06/13	250 U	460	5000 U	250 U	620 U	250 U	250 U	250 U	97000	250 U	500 U	250 U	720	250 U	11000	500 U	
	ATR-MW72(32)-G062414	06/24/14	200 U	200 U	2000 UJ	200 U	200 U	200 U	200 U	200 U	15000	200 U	200 U	200 U	200 U	200 U	70000	600 U	
	ATR-MW72(32)-G071015	07/10/15	10 U	10 U	100 U	10 U	10 UJ	10 U	10 UJ	10 U	56	10 U	10 U	26	10 U	10 U	5400	30 U	
	ATR-MW72-G062016	06/20/16	1 U	1 U	48 U	1 U	3.3	1 U	1 UJ	1 U	16	1 U	1 U	20	1 U	1 U	31	3 U	
	ATR-MW72-G060817	06/08/17	1 U	1 U	81 J	1 U	1 U	1 U	1 U	1 U	8.8	1 U	1 U	30	1 U	1 U	6.5	3 U	
	ATR-MW72(32)-G072518	07/25/18	1 U	1 U	20	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	2.3	1 U	1 U	1 U	3 U	
	ATR-MW72(32)-G82219 ⁽¹⁾	08/22/19	1 U	1 U	66	1 U	1 U	1 U	1 U	1 U	1.3	1 U	1 U	2.4	1 U	1 U	1.9	3 U	
	MTR-MW75(32)-G041610	04/16/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2 UJ	1 U	1 U	6.3	1 U	2 U
	MTR-MW75(32)-G081210	08/12/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 UJ	2 U	1 U	1 U	5.2	1 U	2 U	
MTR-MW75(32)-G121310	12/13/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5.8	1 U	2 U		
MTR-MW75(32)-G033011	03/30/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	0.39 J	1 U	5.1	1 U	2 U		
MTR-MW75(32)-G092911	09/29/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	3.0	1 U	2 U		
ATR-MW75(32)-G041712	04/17/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	2.4	1 U	2 U		
ATR-MW75(32)-G050613	05/06/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U		
ATR-MW75(32)-G062414	06/24/14	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.8	1 U	3 U		
ATR-MW75(32)-G071015	07/10/15	1 UJ	1 U	10 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1.2	1 U	3 U		
ATR-MW75(32)-G062916	06/29/16	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW75(32)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U		
ATR-MW75(32)-G072518	07/25/18	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
ATR-MW75(32)-G082219	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U		
MW-76(30)	ATR-MW76(30)-G030513	03/05/13	20 U	92	400 U	20 U	50 U	20 U	20 U	20 U	19000	20 U	40 U	20 U	210	20 U	4100	40 U	
	ATR-MW76(30)-G050613	05/06/13	20 U	20 U	400 U	20 U	50 U	20 U	20 U	20 U	7100	20 U	40 U	20 U	49	20 U	650	40 U	
	ATR-MW76(30)-G062514	06/25/14	20 U	24	200 UJ	44	20 U	20 U	20 U	20 U	10000	20 U	20 U	20 U	75	20 U	4900	60 U	
	ATR-MW76(30)-G071015	07/10/15	200 UJ	200 UJ	2000 UJ	200 U	200 UJ	200 UJ	200 UJ	200 UJ	21000 J	200 U	200 U	200 U	260 J	200 U	4100	600 U	
	ATR-MW76-G062016	06/20/16	1 U	31	12 U	1 U	5.1	1 U	1 U	1 U	8700	1 U	1 U	1 U	82	1 U	22000	3 U	
	ATR-MW76-G060817	06/08/17	50 U	50 U	500 UJ	50 U	50 U	50 U	50 U	50 U	630	50 U	50 U	50 U	50 U	50 U	11000	150 U	
	ATR-MW76(30)-G072518	07/25/18	5 U	5 U	18	5 U	5 U	5 U	5 UJ	5 U	36	5 U	5 U	5 U	5 U	5 U	1200	15 U	
	ATR-MW76(30)-G072518R	07/25/18	5 U	5 U	15	5 U	5 U	5 UJ	5 U	5 U	36	5 U	5 U	5 U	5 U	5 U	1100	15 U	
ATR-MW76(30)-G082219	08/22/19	1 U	1 U	17	1 U	1 U	1 U	1 U	1 U	46	1 U	1 U	2.2	1 U	1 U	350	3 U		
MW-77(41)	ATR-MW77(41)-G030513	03/05/13	1 U	3.0	20 U	1 U	2.5 U	1 U	1 U	1 U	550	1 U	2 U	1 U	4.4	1 U	84	2 U	
	ATR-MW77(41)-G050613	05/06/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	48	1 U	2 U	1 U	1 U	1 U	11	2 U	
	ATR-MW77(41)-G062514	06/25/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 UJ	1 U	72	1 U	1 U	1 U	1 U	1 U	13	3 U	
	ATR-MW77(41)-G071315	07/13/15	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	28	3 U	
	ATR-MW77-G062016	06/20/16	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.7	3 U	
	ATR-MW77-G060817	06/08/17	1 U	1 U	10 J	1 U	1 U	1 U	1 U	1 U	2.9	1 U	1 U	1 U	1 U	1 U	53	3 U	
	ATR-MW77(41)-G072518	07/25/18	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-MW77(41)-G082219	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
MW-78(35)	ATR-MW78(35)-G030513	03/05/13	5 U	8.2	100 U	5 U	12 U	5 U	5 U	5 U	2700	5 U	10 U	5 U	16	5 U	77	10 U	
	ATR-MW78(35)-G050613	05/06/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	360	5 U	10 U	5 U	5 U	5 U	540	10 U	
	ATR-MW78(35)-G062514	06/25/14	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	28	3 U	
	ATR-MW78(35)-G071015	07/10/15	1 UJ	1 UJ	10 U	1 U	1 UJ	1 U	1 UJ	1 U	8.6 J	1 U	1 U	1 U	1 UJ	1 U	100	3 U	
	ATR-MW78-G062016	06/20/16	1 U	1 U	13 U	1 U	1 U	1 U	1 UJ	1 U	2.9	1 U	1 U	1 U	1 U	1 U	1 U	3 U	

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	ATR-MW78-G060817	06/08/17	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW78(35)-G072518	07/25/18	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW78(35)-G082219	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-79(30)	ATR-MW79(30)-G030513	03/05/13	10 U	16	200 U	10 U	25 U	10 U	10 U	10 U	7400	10 U	20 U	10 U	40	10 U	3300	20 U
	ATR-MW79(30)-G050613	05/06/13	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	3500	10 U	20 U	10 U	19	10 U	1900	20 U
	ATR-MW79(30)-G062514	06/25/14	10 U	12	100 UJ	10 U	10 U	10 U	10 U	10 U	4100	10 U	10 U	10 U	22	10 U	3100	30 U
	ATR-MW79(30)-G071315	07/13/15	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U	420	10 U	10 U	10 U	10 U	10 U	2200	30 U
	ATR-MW79(30)-G062916	06/29/16	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	3.0	1 U	1 U	1.4	1 U	1 U	7.5	3 U
	ATR-MW79(30)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	3.8	1 U	2 U	2.5	1 U	1 U	4.6	2 U
	ATR-MW79(30)-G072518	07/25/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW79(30)-G082219	08/22/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-80(19)	ATR-MW80(19)-G020413	02/04/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW80(19)-G050213	05/02/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW80(19)-G062514	06/25/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-81(27)	ATR-MW81(27)-G110512	11/05/12	50 U	270	1000 U	50 U	120 U	50 U	50 U	50 U	40000	50 U	100 U	24	280	13000	3700	100 U
	ATR-MW81(27)-G010713	01/07/13	50 U	250	1000 U	50 U	120 U	50 U	50 U	50 U	50000	50 U	100 U	36	320	8800	7400	100 U
	ATR-MW81(27)-G020513	02/05/13	100 U	410	2000 U	100 U	64	100 U	100 U	100 U	47000	100 U	200 U	100 U	370	10000	7300	200 U
	ATR-MW81(27)-G030613	03/06/13	50 U	420	1000 U	50 U	120 U	50 U	50 U	50 U	53000	50 U	100 U	39	420	11000	6600	100 U
	ATR-MW81(27)-G050213	05/02/13	100 U	440	2000 U	100 U	250 U	100 U	100 U	100 U	46000	100 U	200 U	100 U	370	11000	6900	200 U
	ATR-MW81(27)-G062414	06/24/14	100 U	350	1000 UJ	100 U	100 U	100 U	100 U	100 U	51000	100 U	100 U	100 U	320	13000	7100	300 U
	ATR-MW81(27)-G070915	07/09/15	200 U	560 J	2000 U	200 U	200 U	200 UJ	200 U	200 U	67000 J	200 U	200 U	200 U	510 J	14000 J	11000 J	600 U
	ATR-MW81(27)-G061616	06/16/16	100 U	100 U	1000 U	100 U	100 UJ	100 U	100 U	100 U	57000	100 U	100 U	100 U	320	100 U	43000 J	300 UJ
	ATR-MW81(27)-G060717	06/07/17	100 U	100 U	1000 UJ	100 U	100 U	100 U	100 U	100 U	7000	100 U	100 U	100 U	100 U	100 U	24000	300 U
	ATR-MW81(27)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	460 J	3.2	1 U	11	3.9	1 U	410	7.5
	ATR-MW81(27)-G082119	08/21/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	7.8	1 U	1 U	1 U	3.7
MW-81(45)	ATR-MW81(45)-G120512	12/05/12	5 U	15	100 U	5 U	12 U	5 U	5 U	6.7	1800	5 U	10 U	14	10	950	150	10 U
	ATR-MW81(45)-G120512R	12/05/12	5 U	14	100 U	5 U	12 U	5 U	5 U	6.4	1800	5 U	10 U	14	11	970	160	10 U
	ATR-MW81(45)-G030513	03/05/13	5 U	34	100 U	5 U	12 U	5 U	5 U	5 U	3900	3.2	10 U	23	28	2300	240	10 U
	ATR-MW81(45)-G050213	05/02/13	10 U	27	200 U	10 U	25 U	10 U	10 U	10 U	3000	10 U	20 U	22	22	1600	180	20 U
	ATR-MW81(45)-G062414	06/24/14	5 U	5 U	50 UJ	5 U	5 U	5 U	5 U	5 U	190	5 U	5 U	11	5 U	5 U	940	15 U
MW-82(58)	ATR-MW82(58)-G030513	03/05/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	13	1 U	2 U	1 U	1.7	8.4	9.9	2 U
	ATR-MW82(58)-G050613	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	12	1 U	2 U	1 U	1 U	7.6	17	2 U
	ATR-MW82(58)-G062314	06/23/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	13	1 U	1 U	1 U	1.7	7.9	12	3 U
	ATR-MW82(58)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	16	1 U	1 U	1 U	1 U	7.0	23	3 U
	ATR-MW82(58)-G061616	06/16/16	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	3 U
	ATR-MW82-G060717	06/07/17	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW82(58)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW82(58)-G082019	08/20/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-83(64)	ATR-MW83(64)-G030513	03/05/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW83(64)-G050613	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW83(64)-G062314	06/23/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW83(64)-G070915	07/09/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW83(64)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW83(64)-G061917	06/19/17	1 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW83(64)-G072318	07/23/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U

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Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
	ATR-MW83(64)-G081619	08/16/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-84(44)	ATR-MW84(44)-G030413	03/04/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	8.4	1 U	2 U
	ATR-MW84(44)-050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	6.9	1 U	2 U
	ATR-MW84(44)-G061914	06/19/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.9	1 U	3 U
	ATR-MW84(44)-G070915	07/09/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	5.4	1 U	3 U
	ATR-MW84(44)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.1	1 U	3 U
	ATR-MW84(44)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	3.8	1 U	2 U
	ATR-MW84(44)-G072018	07/20/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.0	1 U	3 U
	ATR-MW84(44)-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.6	1 U	3 U
MW-84(65)	ATR-MW84(68)-G030413	03/04/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW84(68)-050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW84(65)-G061914	06/19/14	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW84(65)-G070815	07/08/15	1 U	1 U	10 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW84(65)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW84(65)-G061317	06/13/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW84(65)-G072318	07/23/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW84(68)-G081919	08/19/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-85(39)	ATR-MW85(39)-G121812	12/18/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW85(39)-050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW85(39)-G061814	06/18/14	1 U	1 U	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	3 U
	ATR-MW85(39)-G070215	07/02/15	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW85(39)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW85(39)-G060817	06/08/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW85(39)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW85(39)-G081519	08/15/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-85(70)	ATR-MW85(70)-G121812	12/18/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW85(70)-050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
MW-85(130)	ATR-MW85(130)-G121812	12/18/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW85(130)-050113	05/01/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW85(130)-G061814	06/18/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW85(130)-G070215	07/02/15	1 U	1 U	20 UJ	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW85(130)-G062116	06/21/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW85(130)-G060817	06/08/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW85(130)-G071718	07/17/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW85(130)-G081519	08/15/19	1 U	1 U	10 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
MW-89(28)	ATR-MW89(28)-G030513	03/05/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW89(28)-G050613	05/07/13	1 U	1 U	20 U	1.00 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW89(28)-G050613R	05/07/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
	ATR-MW89(28)-G062414	06/24/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW89(28)-G070915	07/09/15	1 UJ	1 U	10 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	9.0	3 U
	ATR-MW89(28)-G062816	06/28/16	1 U	51	10 U	1 U	3.8	1 U	76	1 U	48000	7.7	1 U	29	450	2.2	40000	12
	ATR-MW89(28)-G061417	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1.2	2 U	1 U	1 U	1 U	1 U	2.2
	ATR-MW89(28)-G061417R	06/14/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1.1	2 U	1 U	1 U	1 U	1 U	2.0
	ATR-MW89(28)-G072418	07/24/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-MW89(28)-G082119	08/21/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	3.6	1 U	1 U	1 U	1 U	1 U	35	3 U

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Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
OW-6(38)	ATR-OW6(38)-G121714	12/17/14	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	8.1	1 U	1 U	1 U	1 U	28	1 U	3 U	
	ATR-OW6(38)-G062816	06/28/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	6.0	1 U	1 U	1 U	1 U	1 U	1 U	7.4	3 U
	ATR-OW6(38)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2.8	2 U
	ATR-OW6(38)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-OW6(37)-G082119	08/21/19	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
OW-6(63)	ATR-OW6(63)-G121714	12/17/14	1 U	7.5	10 U	1 U	1 U	1 U	1 U	1 U	510	1 U	1 U	1 U	47	6.6	6.0	3 U	
	ATR-OW6(63)-G121714R	12/17/14	1 U	7.8	10 U	1 U	1 U	1 U	1 U	1 U	530	1 U	1 U	1 U	45	6.2	6.1	3 U	
	ATR-OW6(63)-G062816	06/28/16	1 U	2.9	10 U	1 U	1 U	1 U	1 U	1 U	490	1 U	1 U	1 U	5.3	1.4	1 U	3 U	
	ATR-OW6(63)-G061217	06/12/17	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	50	1 U	2 U	1 U	1 U	1 U	230	2 U	
	ATR-OW6(63)-G071918	07/19/18	1 U	1 U	15 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
	ATR-OW6(63)-G082119 ⁽¹⁾	08/21/19	1 U	1 U	19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-OW6(63)-G082119R ⁽¹⁾	08/21/19	1 U	1 U	19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
PM-1	ATR-PM1-G110512	11/05/12	50 U	50	1000 U	50 U	120 U	50 U	50 U	50 U	39000	50 U	100 U	58	190	72	3400	100 U	
	ATR-PM1-G010713	01/07/13	50 U	50 U	1000 U	50 U	120 U	50 U	50 U	50 U	27000	50 U	100 U	46	160	50 U	5600	100 U	
	ATR-PM1-G020413	02/04/13	50 U	45	1000 U	50 U	120 U	50 U	50 U	50 U	24000	50 U	100 U	36	150	50 U	4500	100 U	
	ATR-PM1-G030613	03/06/13	50 U	63	1000 U	50 U	120 U	50 U	50 U	50 U	35000	50 U	100 U	50	220	50 U	5000	100 U	
	ATR-PM1-G030613R	03/06/13	50 U	67	1000 U	50 U	120 U	50 U	50 U	50 U	34000	50 U	100 U	50 U	230	50 U	4600	100 U	
	ATR-PM1-G050313	05/03/13	200 U	200 U	4000 U	200 U	500 U	200 U	200 U	200 U	49000	200 U	400 U	200 U	200 U	200 U	200 U	4600	400 U
	ATR-PM1-G050313R	05/03/13	200 U	200 U	4000 U	200 U	500 U	200 U	200 U	200 U	46000	200 U	400 U	200 U	200 U	200 U	200 U	4500	400 U
PM-2	ATR-PM2-G110512	11/05/12	20 U	94	400 U	20 U	50 U	20 U	20 U	20 U	13000	14	40 U	16	94	2000	4700	26	
	ATR-PM2-G010713	01/07/13	10 U	70	200 U	10 U	25 U	10 U	10 U	10 U	9200	8.6	20 U	11	67	660	4400	20 U	
	ATR-PM2-G020413	02/04/13	20 U	64	400 U	20 U	50 U	20 U	20 U	20 U	8500	20 U	40 U	8.6	61	400	3400	40 U	
	ATR-PM2-G030613	03/06/13	10 U	79	200 U	10 U	25 U	10 U	10 U	10 U	8300	10 U	20 U	10 U	59	300	3100	20 U	
	ATR-PM2-G050313	05/03/13	20 U	85	400 U	20 U	50 U	20 U	20 U	20 U	8600	20 U	40 U	20 U	67	610	3100	40 U	
	ATR-PM2-G061616	06/16/16	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U	20	10 U	10 U	10 U	10 U	10 U	5300	30 U	
	ATR-PM2-G060717	06/07/17	1 U	1 U	10 U	1 U	1 U	1 U	2.6	1 U	12	7.6	1 U	3.8	1.2	1 U	360 J	9.5	
	ATR-PM2-G072418 ⁽¹⁾	07/24/18	1 U	1 U	67	1 U	1 U	1 U	1 U	1 U	1 U	8.1	1 U	9.8	1 U	1 U	1 U	16	
PM-3	ATR-PM3-G110512	11/05/12	50 U	200	1000 U	50 U	120 U	50 U	50 U	50 U	43000	50 U	100 U	40	280	74	7600	100 U	
	ATR-PM3-G010713	01/07/13	50 U	270	1000 U	50 U	120 U	50 U	50 U	50 U	44000	50 U	100 U	48	370	50 U	9700	100 U	
	ATR-PM3-G020413	02/04/13	100 U	340	2000 U	100 U	250 U	100 U	100 U	100 U	46000	100 U	200 U	42	410	100 U	9900	200 U	
	ATR-PM3-G030513	03/05/13	50 U	390	1000 U	50 U	120 U	50 U	50 U	50 U	44000	50 U	100 U	52	450	50 U	7100	100 U	
	ATR-PM3-G050213	05/02/13	100 U	340	2000 U	100 U	250 U	100 U	100 U	100 U	37000	100 U	200 U	49	390	100 U	8300	200 U	
	ATR-PM3-G061716	06/17/16	50 U	88	500 U	50 U	50 U	50 U	50 U	50 U	13000	50 U	50 U	50 U	180	50 U	25000	150 U	
	ATR-PM3-G060717	06/07/17	500 U	500 U	5000 U	500 U	500 U	500 U	500 U	500 U	6200	500 U	500 U	500 U	500 U	500 U	61000 J	1500 U	
	ATR-PM-3-G072418	07/24/18	50 U	50 U	500 U	50 U	50 U	50 U	50 U	50 U	2700	50 U	50 U	50 U	50 U	50 U	22000	150 U	
	ATR-PM-3-G072418R	07/24/18	50 U	50 U	500 U	50 U	50 U	50 U	50 U	50 U	3000	50 U	50 U	50 U	50 U	50 U	19000	150 U	
ZVI-1(16.5)	ATR-ZVI-1(16.5)-G121812	12/18/12	1 U	2.0	20 U	1 U	2.5 U	1 U	1 U	1 U	740	1 U	2 U	1 U	14	3.5	180	2 U	
	ATR-ZVI-1(16.5)-G010813	01/08/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	770	1 U	2 U	1 U	11	3.2	250	2 U	
	ATR-ZVI-1(16.5)-G030613	03/06/13	1 U	2.3	20 U	1 U	2.5 U	1 U	1 U	1 U	710	1 U	2 U	1 U	10	1 U	170	2 U	
	ATR-ZVI-1(16.5)-G040313	04/03/13	1 U	2.0	20 U	1 U	2.5 U	1 U	1 U	1 U	790	1 U	2 U	1 U	8.7	1 U	210	2 U	
	ATR-ZVI-1(16.5)-G050313	05/03/13	10 U	10 U	200 U	10 U	25 U	10 U	10 U	10 U	740	10 U	20 U	10 U	10 U	10 U	140	20 U	
ZVI-1(34.5)	ATR-ZVI-1(34.5)-G121812	12/18/12	1 U	2.9	20 U	1 U	2.5 U	1 U	1 U	1 U	330	1 U	2 U	1 U	10	24	160	2 U	
	ATR-ZVI-1(34.5)-G010813	01/08/13	1 U	2.2	20 U	1 U	2.5 U	1 U	1 U	1 U	290	1 U	2 U	1 U	8.8	24	140	2 U	

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total	
	ATR-ZVI-1(34.5)-G030613	03/06/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	250	1 U	2 U	1 U	9.1	15	91	2 U	
	ATR-ZVI-1(34.5)-G040313	04/03/13	1 U	1.6	20 U	1 U	2.5 U	1 U	1 U	1 U	300	1 U	2 U	1 U	8.3	15	120	2 U	
	ATR-ZVI-1(34.5)-G050313	05/03/13	1 U	2.1	20 U	1 U	2.5 U	1 U	1 U	1 U	320	1 U	2 U	1 U	9.2	7.2	160	2 U	
ZVI-2(17.5)	ATR-ZVI-2(17.5)-G121812	12/18/12	1 U	2.3	20 U	1 U	2.5 U	1 U	1 U	1 U	1300	1 U	2 U	1 U	12	5.1	400	2 U	
	ATR-ZVI-2(17.5)-G010813	01/08/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1200	5 U	10 U	5 U	12	5 U	480	10 U	
	ATR-ZVI-2(17.5)-G030613	03/06/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1500	5 U	10 U	5 U	13	5 U	460	10 U	
	ATR-ZVI-2(17.5)-G040313	04/03/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1500	5 U	10 U	5 U	11	5 U	450	10 U	
	ATR-ZVI-2(17.5)-G050313	05/03/13	5 U	5 U	100 U	5 U	12 U	5 U	5 U	5 U	1500	5 U	10 U	5 U	10	5 U	350	10 U	
	ATR-ZVI2(17.5)-G061416	06/14/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-ZVI2(17.5)-G060617	06/06/17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
	ATR-ZVI-2(17.5)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ZVI-2(32.5)	ATR-ZVI-1(32.5)-G121812	12/18/12	1 U	3.9	28	1 U	2.5 U	1 U	1 U	1 U	580	1 U	2 U	1 U	10	16	210	2 U	
	ATR-ZVI-2(32.5)-G010813	01/08/13	1 U	4.2	20 U	1 U	2.5 U	1 U	1 U	1 U	670	1 U	2 U	1 U	13	3.2	280	2 U	
	ATR-ZVI-2(32.5)-G030613	03/06/13	1 U	4.6	20 U	1 U	2.5 U	1 U	1 U	1 U	650	1 U	2 U	1 U	16	1 U	280	2 U	
	ATR-ZVI-2(32.5)-G030613R	03/06/13	1 U	4.5	20 U	1 U	2.5 U	1 U	1 U	1 U	650	1 U	2 U	1 U	16	1 U	280	2 U	
	ATR-ZVI-2(32.5)-G040313	04/03/13	1 U	3.6	20 U	1 U	2.5 U	1 U	1 U	1 U	710	1 U	2 U	1 U	14	1 U	410	2 U	
	ATR-ZVI-2(32.5)-G040313R	04/03/13	1 U	3.5	20 U	1 U	2.5 U	1 U	1 U	1 U	710	1 U	2 U	1 U	14	1 U	410	2 U	
	ATR-ZVI-2(32.5)-G050313	05/03/13	1 U	3.9	20 U	1 U	2.5 U	1 U	1 U	1 U	600	1 U	2 U	1 U	15	1 U	340	2 U	
	ATR-ZVI2(32.5)-G061416	06/14/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	30	1 U	1 U	1 U	1 U	1 U	1 U	65	3 U
	ATR-ZVI2(32.5)-G060617	06/06/17	1 U	1 U	16 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
ATR-ZVI-2(32.5)-G071918	07/19/18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	
INJ-1	ATR-INJ1-G112812	11/28/12	100 U	240	2000 U	100 U	250 U	100 U	100 U	100 U	79000	100 U	190	180	400	35000	4600	200 U	
	ATR-INJ1-G030513	03/05/13	500 U	650	10000 U	500 U	1200 U	500 U	500 U	500 U	400000	500 U	1000 U	500 U	1900	33000	14000	1000 U	
INJ2	ATR-INJ2-G030613	03/06/13	5 U	28	100 U	5 U	12 U	5 U	5 U	5 U	5700	23	10 U	11	44	8.8	2400	28	
4377 NO HWY 31	MTR-4377NOHWY31-G121510	12/15/10	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	
	MTR-4377NOHWY31-G010511	01/05/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	0.45 J	1 U	2 U	1 U	1 U	1 U	1 U	1.4	2 U
	MTR-4377NOHWY31-G032811	03/28/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	MTR-4377NOHWY31-G092311	09/23/11	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-4377NOHWY31-G041712	04/17/12	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1.5	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-4377NOHWY31-G050713	05/06/13	1 U	1 U	20 U	1 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	2 U
	ATR-4377NOHWY31-061416	06/14/16	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U
USEPA MCLs			NE	7.0	NE	5.0	NE	100	NE	80	70	700	5.0	1000	100	5.0	2.0	10000	
	Residential		28	see MCL	14000	see MCL	810	see MCL	21000	see MCL	see MCL	see MCL	see MCL	see MCL	see MCL	see MCL	see MCL	see MCL	
	Residential		28	see MCL	14000	see MCL	810	see MCL	21000	see MCL	see MCL	see MCL	see MCL	see MCL	see MCL	see MCL	see MCL	see MCL	

Notes:
NA - Not analyzed
U - not detected, value is the detection limit
J - value is estimated
N - uncertainty regarding result
NE - None established
R - replicate sample
r - rejected value
H - additional analysis conducted on sample outside of hold time

Table 4
Comprehensive Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected through August 2019
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Field Sample ID	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
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IDEM Remediation Closure Guide (RCG) Screening Levels 2019

For a complete list of analyzed compounds and results please refer to the laboratory reports

Concentration exceeds IDEM RCG residential screening level

Concentration meets or exceeds IDEM RCG residential screening level and U.S. EPA maximum contaminant level

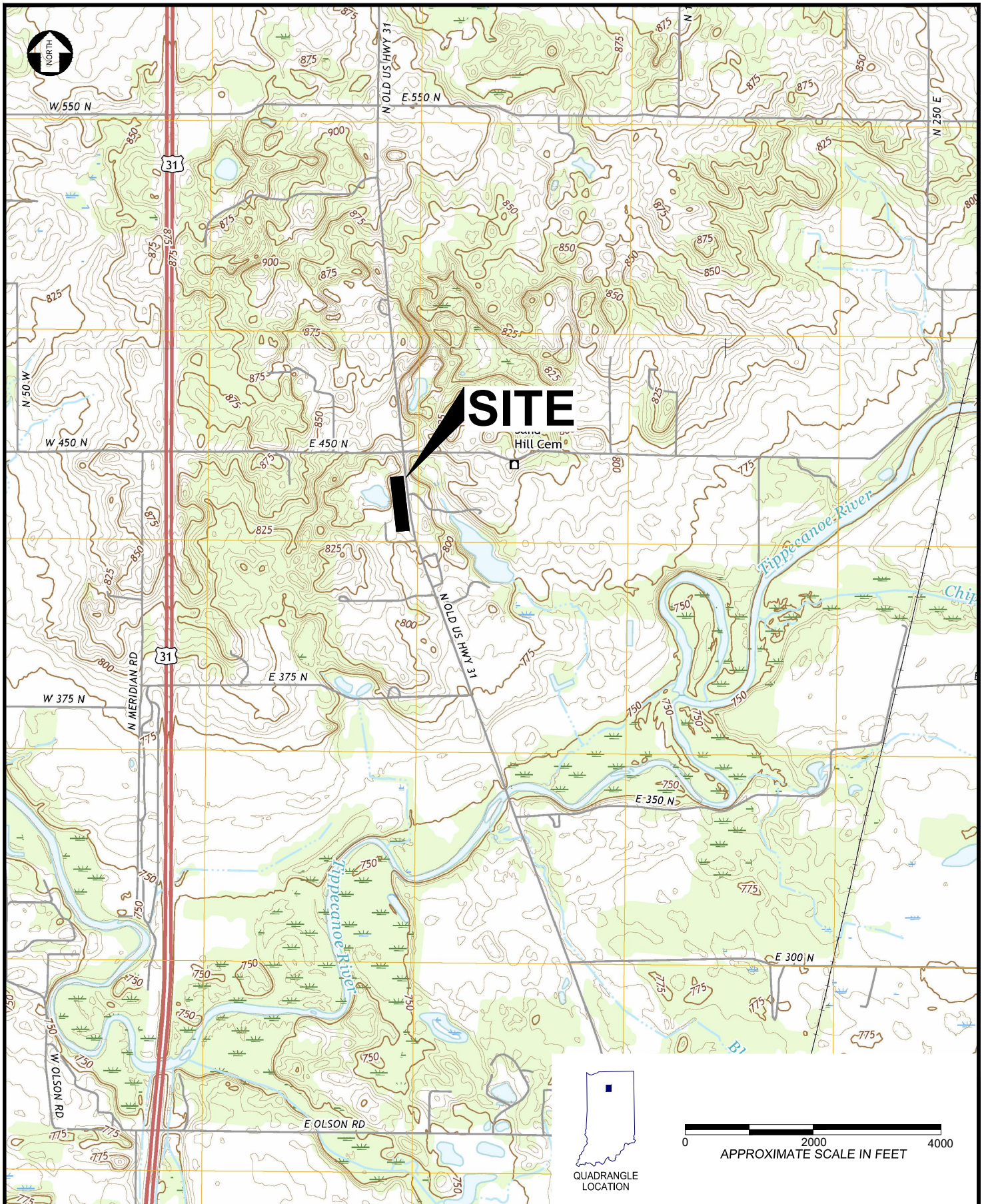
⁽¹⁾ **2-Butanone** was detected in the sample collected from MW-15 (17 ug/L) on 8/20/19; MW-68(32) (9.0 ug/L) on 8/22/19; MW-71(33) (5.3 ug/L) on 8/22/19; MW-72(32) (44 ug/L) on 8/22/19; OW6(63) (55 ug/L) on 8/21/19; OW6(63)R (57 ug/L) on 8/21/19. **Chloromethane** was detected in sample collected from MW1 (1.6 ug/L) on 8/15/19; MW19(53) (1.1 ug/L) on 8/16/19; MW24(55) (2.4 ug/L) on 8/16/19; MW24(55)R (1.3 ug/L) on 8/16/19; MW26(28.8) (1.9 ug/L) on 8/19/19; MW27(18)R (1.3 ug/L) on 8/19/19; MW34(84) (1.7 ug/L) on 8/15/19; MW55(49) (1.7 ug/L) on 8/16/19; MW57(38) (1.8 ug/L) on 8/16/19; MW6C (1.5 ug/L) on 8/21/19. IDEM RCG Residential Screening Levels (2019) are 5,600 µg/L for 2-butanone and 190 µg/L for chloromethane.

Prepared By: RLB
Checked By: PJS



Textron, Inc.
TORX Facility Remediation
Report of 2019 Annual Groundwater Monitoring

FIGURES



0 2000 4000
APPROXIMATE SCALE IN FEET

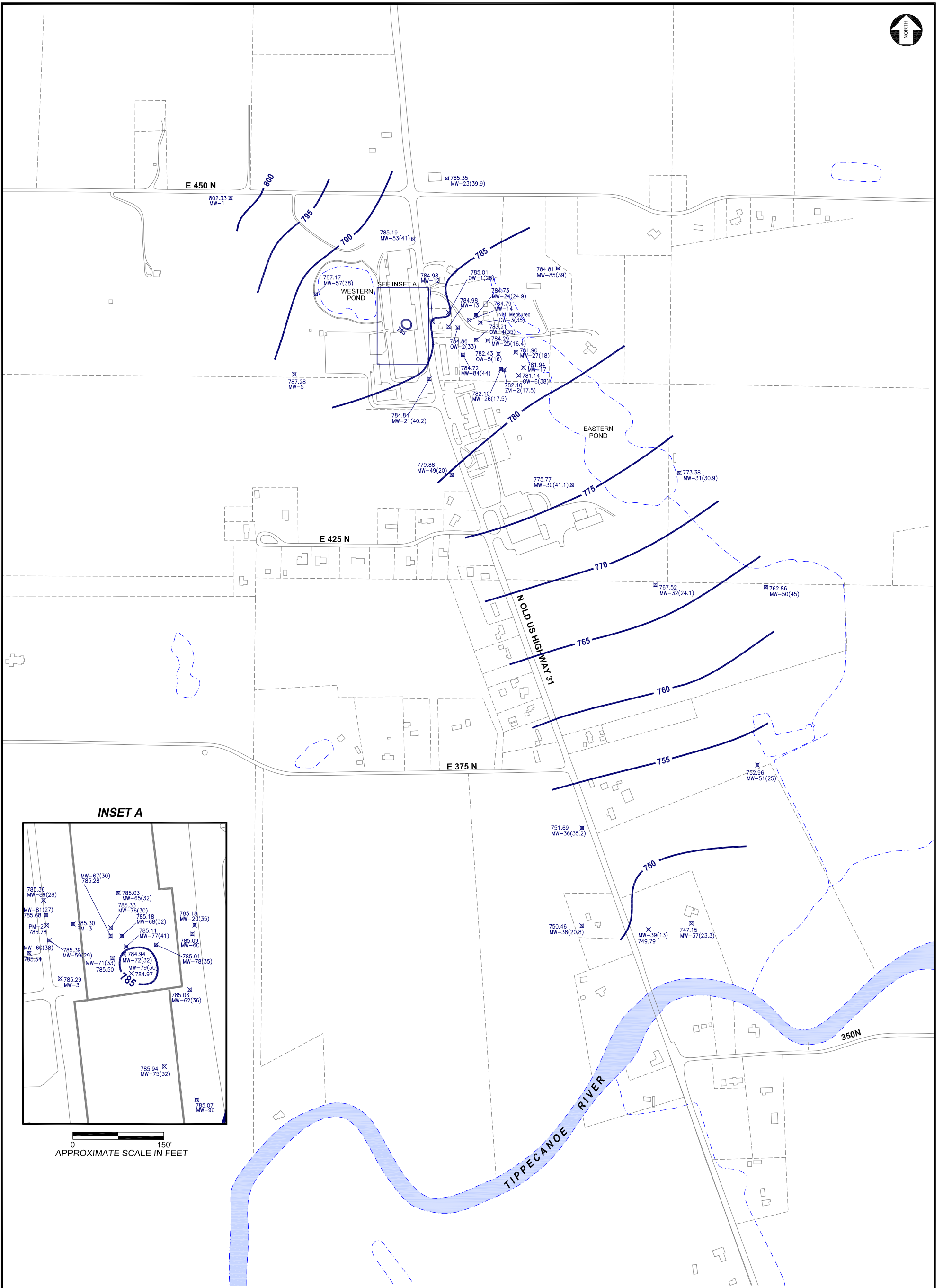
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APPROVED BY DATE
PJS 09/18/2019
SOURCE USGS 7.5 minute topographic survey maps of Argos and Rochester, IN, 2016.
PROJECT NO. SCALE
3359 15 1040 SEE ABOVE

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

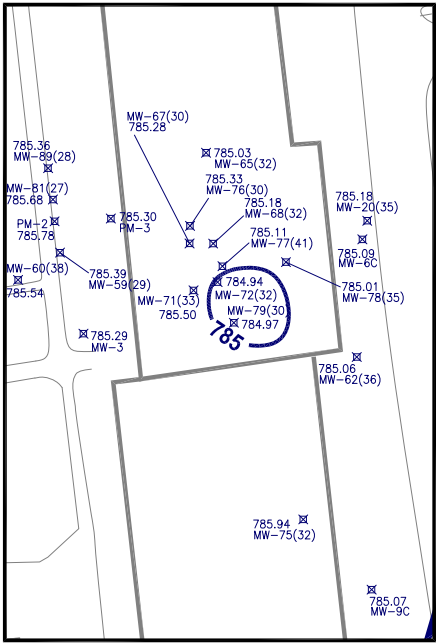


SITE
LOCATION
MAP

FIGURE
1
SHEET 1 of 1



INSET A



0 150'
APPROXIMATE SCALE IN FEET

LEGEND

- 750.46 MW-38(20.8) Groundwater Elevation (feet)
- MW-38(20.8) Monitoring Well ID and Screen Depth
- 775 Potentiometric Surface Contour (feet)
- Approximate Property Boundary (from the Fulton County GIS website)

Note: Only shallow overburden monitoring wells are shown.

0 600 1200
APPROXIMATE SCALE IN FEET

DRAWN BY P:\Textron\TFS\Drawings\FILE NO.
 RLB TFS PS Plan 2010.11x17.dwg
 APPROVED BY DATE
 PJS 08/29/2019
 SOURCE Wells surveyed by Territorial Engineering,
 2009 & 2010; Fulton County, IN GIS, 2005.
 PROJECT NO. SCALE
 3359 15 1040 SEE ABOVE

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

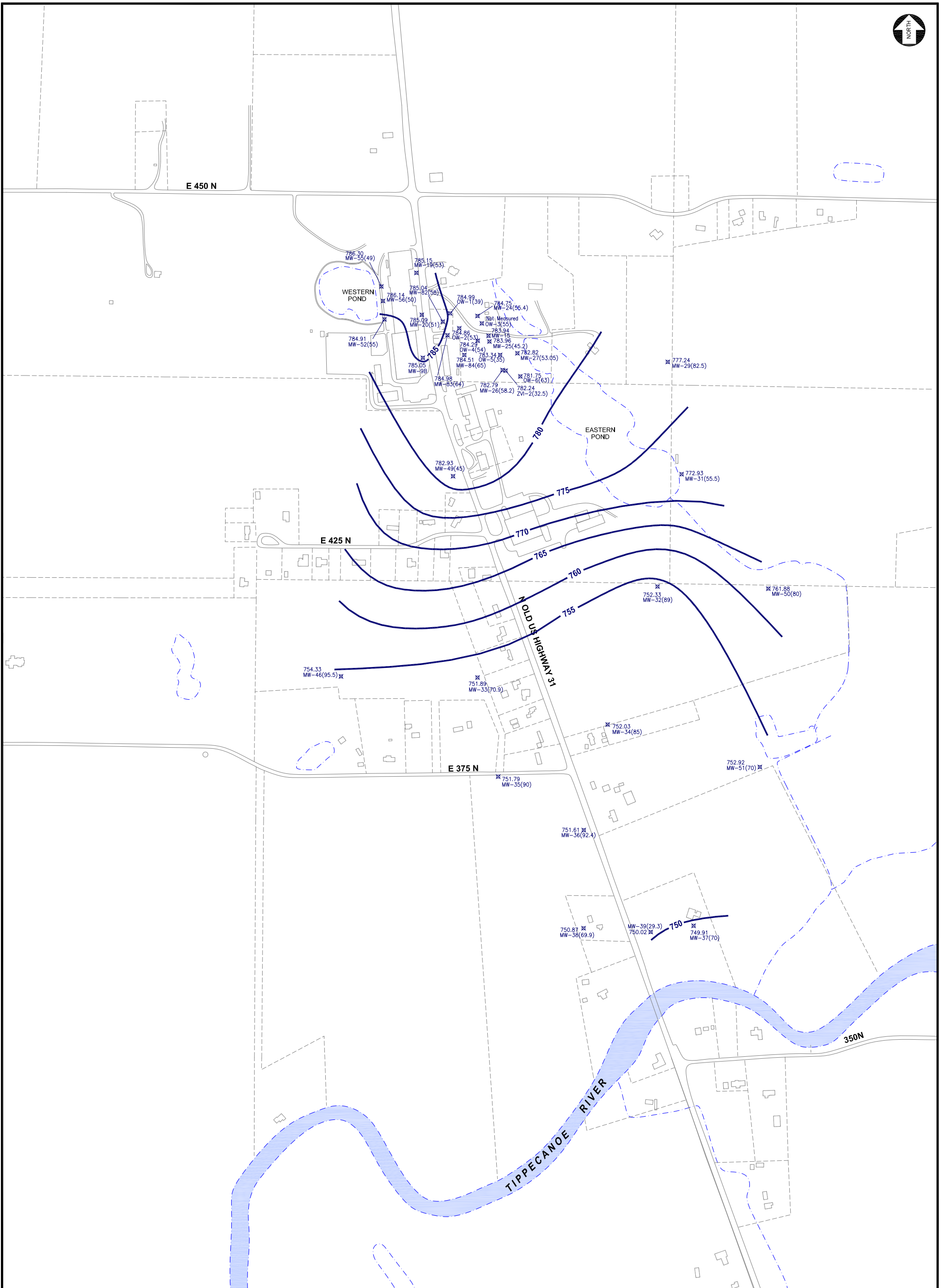


GROUNDWATER CONTOUR MAP
SHALLOW OVERBURDEN WELLS
12 August 2019

FIGURE

2

SHEET 1 of 1



LEGEND

- ✕ 761.88
MW-50(80) Groundwater Elevation (feet)
Monitoring Well ID and Screen Depth
- 775 — Potentiometric Surface Contour (feet)
- - - - - Approximate Property Boundary
(from the Fulton County GIS website)

Note: Only intermediate overburden monitoring wells are shown.



DRAWN BY P:\Textron\TFS\Drawings\FILE NO.
RLB TFS PS Plan 2010 11x17.dwg
APPROVED BY DATE
PJS 08/29/2019
SOURCE Wells surveyed by Territorial Engineering,
2009 & 2010; Fulton County, IN GIS, 2005.
PROJECT NO. SCALE
3359 15 1040 SEE ABOVE

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

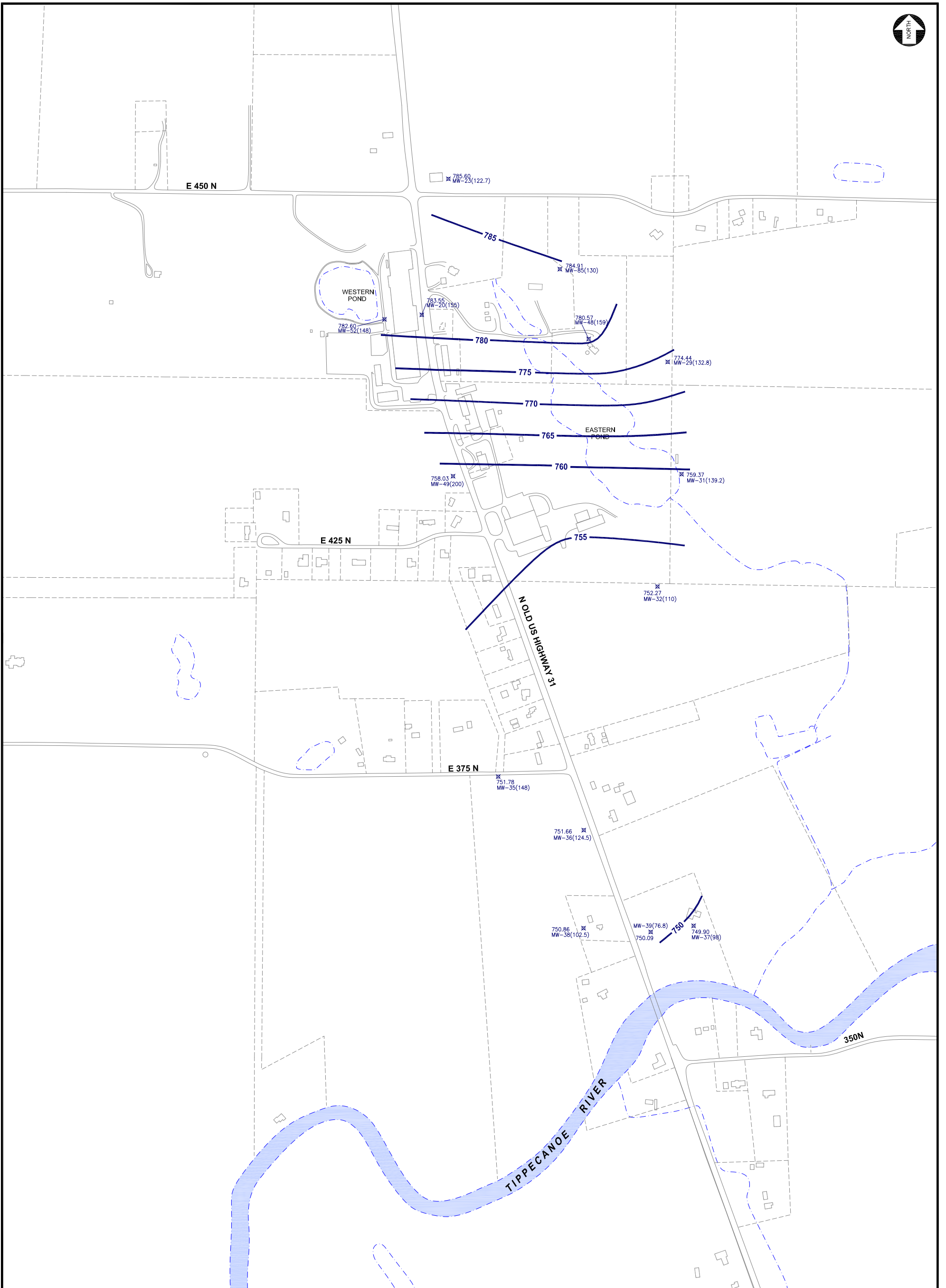


GROUNDWATER CONTOUR MAP
INTERMEDIATE OVERBURDEN WELLS
12 August 2019

FIGURE

3

SHEET 1 of 1



LEGEND

✕ 759.37
MW-31(139.2)

Groundwater Elevation (feet)
Monitoring Well ID and Screen Depth

— 775 — Potentiometric Surface Contour (feet)

- - - Approximate Property Boundary
(from the Fulton County GIS website)

Note: Only deep overburden
monitoring wells are shown.



DRAWN BY P:\Textron\TFS\Drawings\FILE NO.
RLB TFS PS Plan 2010 11x17.dwg
APPROVED BY DATE
PJS 08/29/2019
SOURCE Wells surveyed by Territorial Engineering,
2009 & 2010; Fulton County, IN GIS, 2005.
PROJECT NO. SCALE
3359 15 1040 SEE ABOVE

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

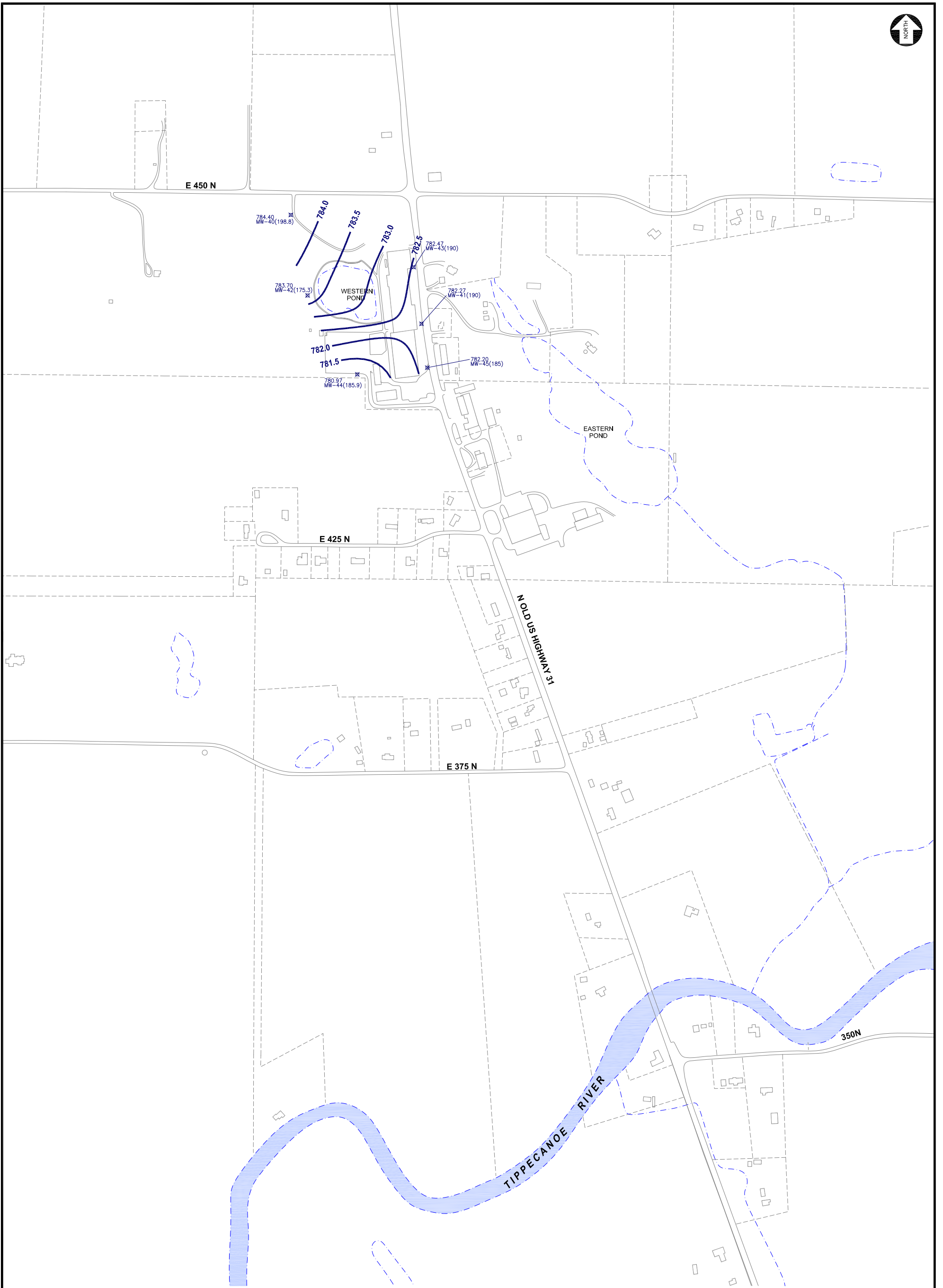


GROUNDWATER CONTOUR MAP
DEEP OVERBURDEN WELLS
12 August 2019




FIGURE

4

SHEET 1 of 1



LEGEND

-  Groundwater Elevation (feet)
Monitoring Well ID and Screen Depth
-  Potentiometric Surface Contour (feet)
-  Approximate Property Boundary
(from the Fulton County GIS website)

Note: Only bedrock monitoring wells are shown.



DRAWN BY P:\Textron\TFS\Drawings\FILE NO.
 RLB TFS PS Plan 2010 11x17.dwg
 APPROVED BY DATE
 PJS 08/29/2019
 SOURCE Wells surveyed by Territorial Engineering,
 2009 & 2010; Fulton County, IN GIS, 2005.
 PROJECT NO. SCALE
 3359 15 1040 SEE ABOVE

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA



GROUNDWATER CONTOUR MAP
BEDROCK WELLS
12 August 2019

FIGURE

5

SHEET 1 of 1



784.81
MW-85(39)

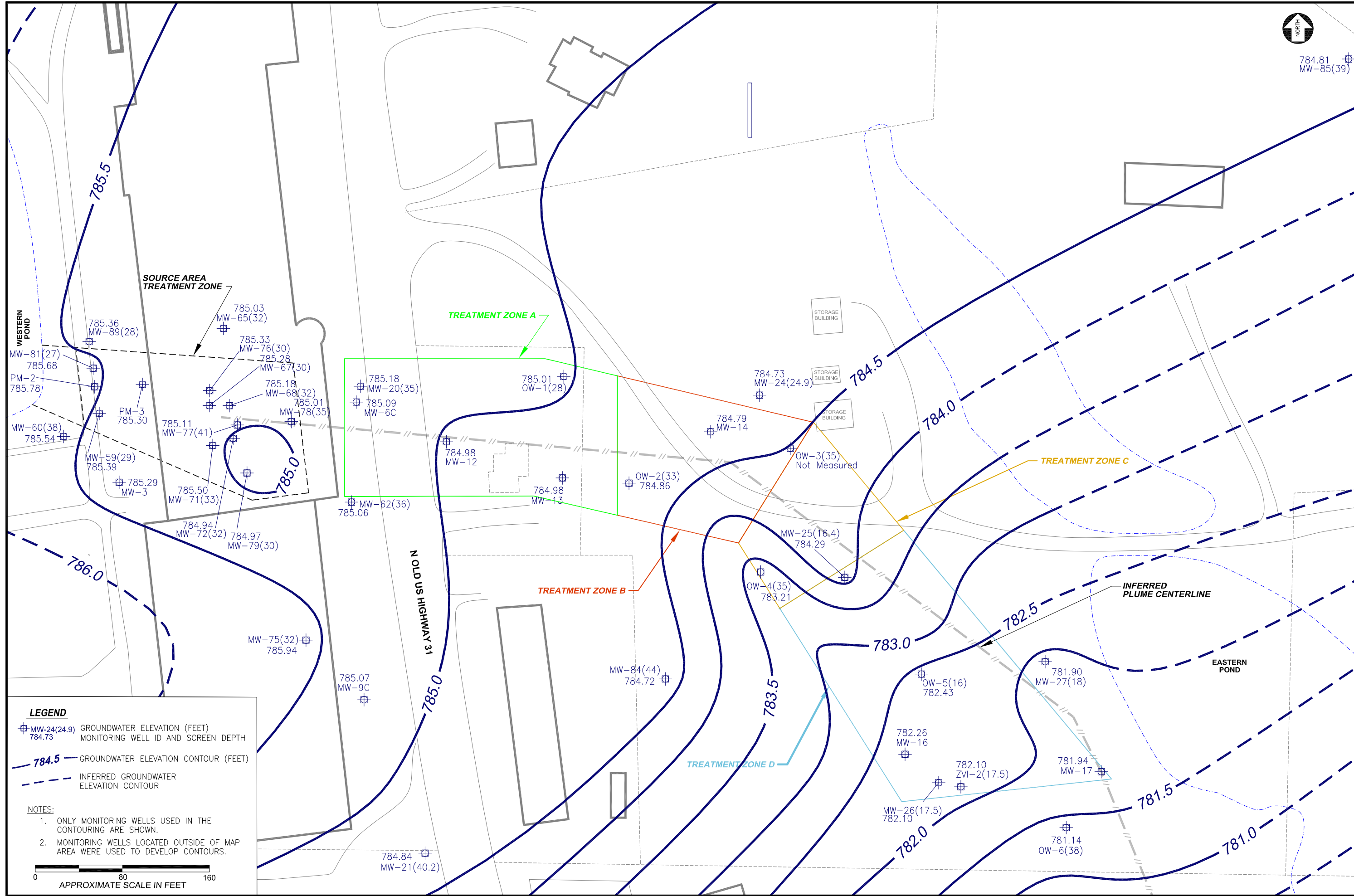
FIGURE
6
SHEET 1 of 1

**GROUNDWATER CONTOUR MAP
SHALLOW OVERBURDEN WELLS
SOURCE TREATMENT AREA**
12 August 2019

wood.

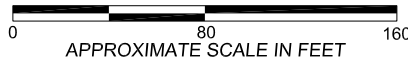
**TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA**

DRAWN BY: P:\texton\TFS Drawings\GW Contours 2018_RA.dwg
APPROVED BY: PJS
DATE: 12/20/2109
SOURCE: Wells surveyed by Territorial Engineering, Fulton County, IN GIS, 2005.
PROJECT NO.: 3359.15.1040
SCALE: SEE ABOVE

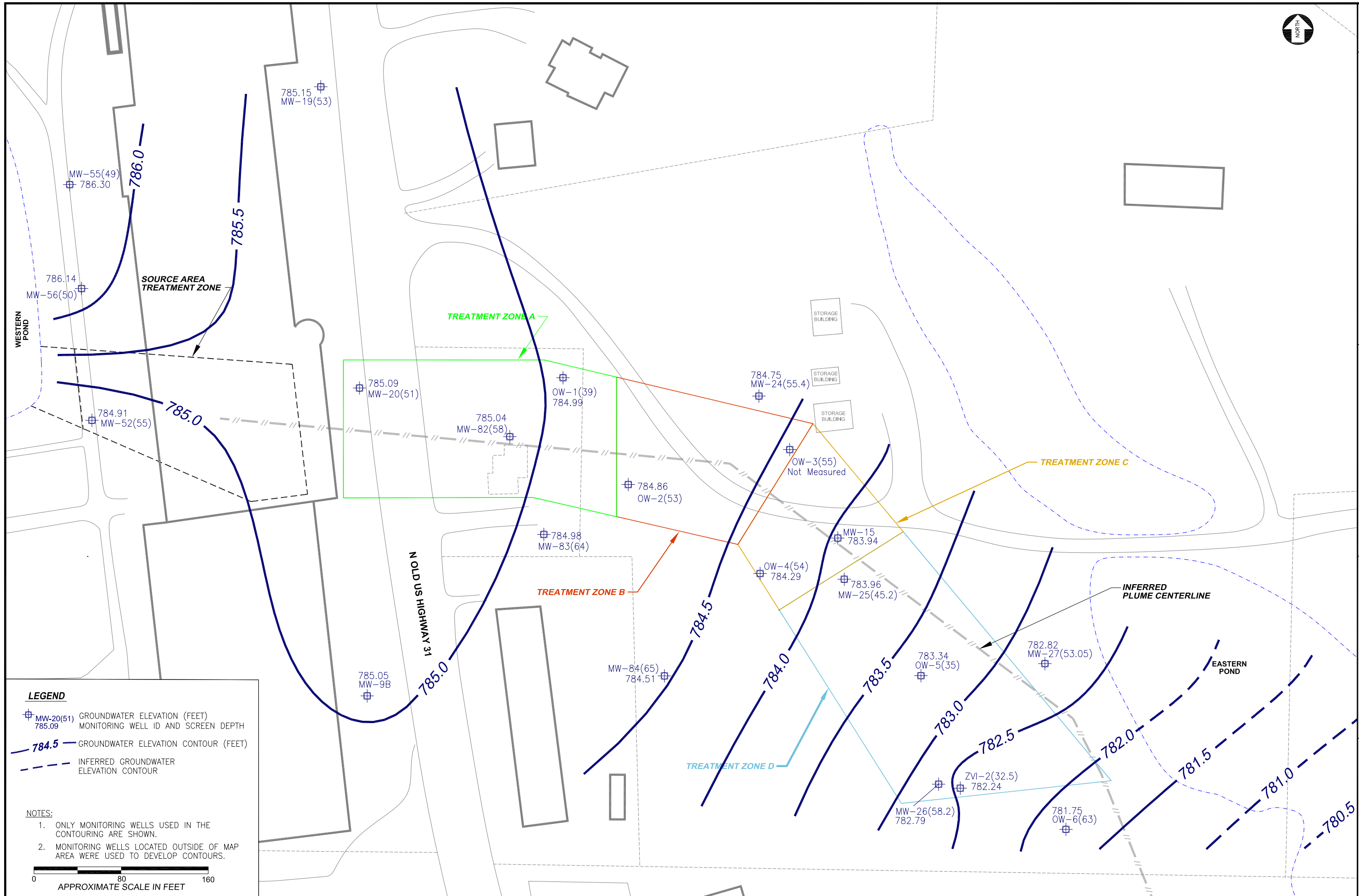


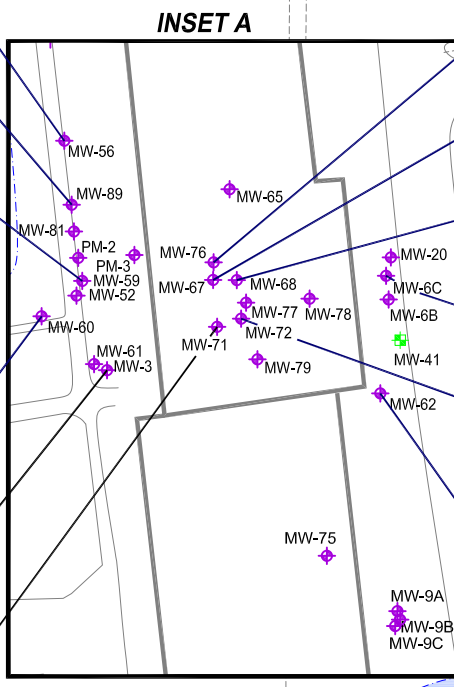
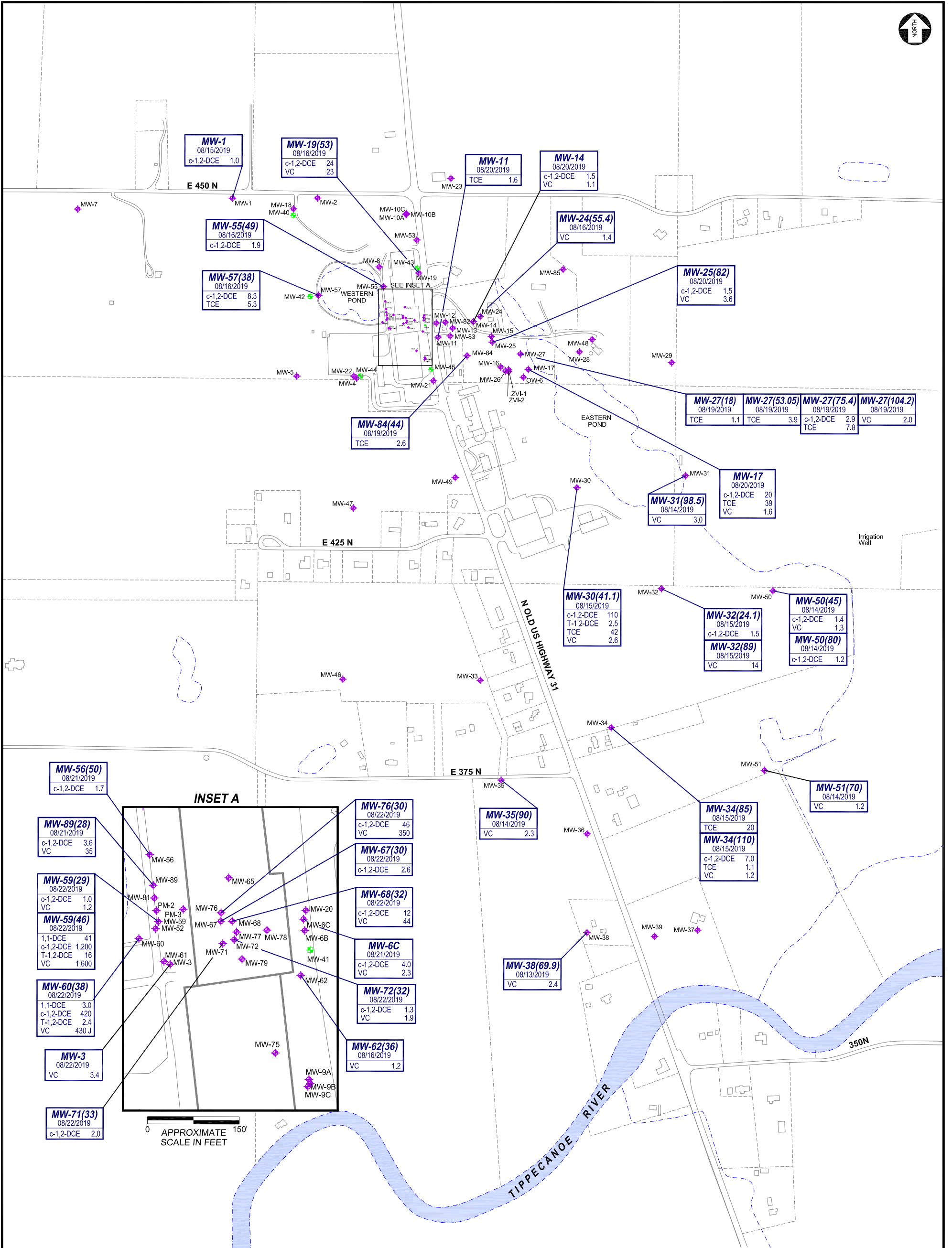
LEGEND
⊕ MW-24(24.9) GROUNDWATER ELEVATION (FEET)
784.73 MONITORING WELL ID AND SCREEN DEPTH
— 784.5 — GROUNDWATER ELEVATION CONTOUR (FEET)
- - - INFERRED GROUNDWATER ELEVATION CONTOUR

NOTES:
1. ONLY MONITORING WELLS USED IN THE CONTOURING ARE SHOWN.
2. MONITORING WELLS LOCATED OUTSIDE OF MAP AREA WERE USED TO DEVELOP CONTOURS.



APPROXIMATE SCALE IN FEET





LEGEND

- MW-28 OVERBURDEN MONITORING WELL LOCATION
- MW-40 BEDROCK MONITORING WELL LOCATION
- - - - - APPROXIMATE PROPERTY BOUNDARY (from the Fulton County GIS website)
- (53) BOTTOM OF SCREENED INTERVAL (feet below ground surface)

MW-19 (53)	06/28/2016
VC	8.6

SAMPLE IDENTIFICATION
DATE SAMPLE COLLECTED
COMPOUND NAME AND
RESULT VALUE

NOTES:

- Results reported in micrograms per liter ($\mu\text{g/L}$).
 - Only compounds detected are shown.
 - 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 t-1,2-DCE - trans-1,2-Dichloroethene
 c-1,2-DCE - cis-1,2-Dichloroethene TCE - Trichloroethene
 VC - Vinyl Chloride



DRAWN BY P:\Tetron\TFS\Drawings\FILE NO.
 RLB TFS Site Plan 2013 11x17.dwg
 APPROVED BY PJS DATE 12/23/2019
 SOURCE Wells surveyed by Territorial Engineering, 2009 & 2010; Fulton County, IN GIS, 2005.
 PROJECT NO. 3359 15 1040 SCALE SEE ABOVE

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA



SITE-RELATED VOC CONCENTRATIONS
IN GROUNDWATER
AUGUST 2019



Textron, Inc.
TORX Facility Remediation
Report of 2019 Annual Groundwater Monitoring

APPENDIX A

GROUNDWATER SAMPLE COLLECTION FORMS

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW E800
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RJH Date 8/14/19 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 Bailor
 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 E8001-081419 Time 1355

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	_____	_____	Dissolved Gases <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID EB001
 Project Number 3359-15-1040 Date 8/15/19 Start Time 1435 Weather Sun 80°
 Sampling Personnel BS (Use: Well name) ATR-MW

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 Bailor

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 EB001-081519 Time 1435

Analyses (check):
 VOCs Bottle #/Type G Preservative _____ Dissolved Gasses Bottle #/Type _____ Preservative _____
 TOC + NO₃ _____ _____ VFA _____ _____
 Fe/Mn _____ _____ DHC _____ _____
 Alkalinity + Anions (Cl-, SO₄) _____ _____

Other: _____ _____ Other: _____ _____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW ^{EB001}
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/13/19 Start Time 1455 Weather _____

MEASUREMENT SUMMARY:

Measuring Point 1 Depth to Water 1 Depth to Product 1 Product Thickness 1
 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 Bailor

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 EB001-081319 Time 1455
 Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs 6 671 Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO4) _____
 Other: _____ Other: _____
 MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly
Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID EB001
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RUT Date 8/16/19 Start Time _____ Weather Sunny 67°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 Bailor
 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 EB001-081619 Time 0940

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	_____	_____	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW-EB001-081919
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel _____ Date _____ 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 Bailor
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-EB001-081919 Time 1420

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>2/G</u>	<u>1</u>		
TOC + NO ₃ <input type="checkbox"/>				
Fe/Mn <input type="checkbox"/>				
		Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>		
Other: <input type="checkbox"/>				

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

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water [] Groundwater [] Sample ID ATR-MW E3001
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel RUF Date 8/21/19 Start Time 1410 Weather Sunny 78°

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 [] Bailor []
Pump Started _____ Pump Stopped _____ Total Gallons _____
Table with 10 columns: 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 E3001-082119 Time 1410
Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
VOCs [] _____ Dissolved Gasses [] _____
TOC + NO3 [] _____ VFA [] _____
Fe/Mn [] _____ DHC [] _____
Alkalinity + Anions (Cl-, SO4) [] _____
Other: [] _____ Other: [] _____
MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
G = Glass
P = Poly
Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO3 5 = BAC
3 = H2SO4 6 = Na3PO4



GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location	<u>TFS Rochester</u>	Surface Water	<input type="checkbox"/>	Groundwater	<input type="checkbox"/>	Sample ID	<u>ATR-MW</u>	<u>E3001</u>
Project Number	<u>3359-15-1040</u>	Date	<u>8/20/19</u>	Start Time	<u>1530</u>	Weather	<u>overcast</u>	(Use: Well name)
Sampling Personnel	<u>CS</u>							

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 E3001-082019 Time 1530

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	_____	_____	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>	_____	_____	Other: _____ <input type="checkbox"/>	_____
Other: _____ <input type="checkbox"/>	_____	_____	Other: _____ <input type="checkbox"/>	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location	<u>TFS Rochester</u>	Surface Water	<input type="checkbox"/>	Groundwater	<input type="checkbox"/>	Sample ID	<u>ATR-MW EB001</u>	
Project Number	<u>3359-15-1040</u>						(Use: Well name)	
Sampling Personnel	<u>RH</u>	Date	<u>8/22/19</u>	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 Bailor

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: $\pm 3\%$ $\pm 3\%$ ± 10 $\pm 10\%$ ± 10

Final:	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~~ - 082219 Time 1315

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>3/9</u>	<u>2</u>	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
		Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>	_____	_____

Other: _____ Other: _____

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

Bottle Type:

G = Glass
P = Poly

Preservative Codes:

1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄



GROUNDWATER/SURFACE WATER SAMPLING FORM

Wood Environment & Infrastructure Solutions, Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 1
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/15/19 Start Time 1255 Weather Sun 80°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 38.40 Depth to Product NA Product Thickness NA
 Total Casing Depth 49' Well Diameter _____ Approx. Pump Depth 49 Feet
 Screen Interval top _____ bottom _____ Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1300 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)
1305	6.68	1.137	13.94	0.0	200	38.80	0.36	5.75	96.4
1310	6.59	1.175	13.94	0.7	200	39.01	0.55	5.39	94.6
1315	6.57	1.178	13.96	0.5	200	39.11	0.67	5.28	94.9
1320	6.55	1.181	14.01	0.7	200	39.17	0.71	5.26	95.1
1325	6.55	1.182	14.03	0.0	200	39.23	0.77	5.24	95.2

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

Final:
 Time 1325 pH 6.55 SC 1.182 Temp 14.03 Turb. 0.0 Flow Rate 200 DTW 39.23 Drawdown 0.77 DO 5.24 ORP 95.2

Comments: Dropped Flow to 200 ml/min

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 205 mV
 SC Reference Solution 4.99 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 1-60815K Time _____

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs 6 _____ Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____
 Other: _____ _____ Other: _____ _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 3
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RJA Date 8/22/19 Start Time 1235 Weather Sunny 80F

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 20.21 Depth to Product NA Product Thickness NA
 Total Casing Depth _____ Well Diameter 2" Approx. Pump Depth 30-32 Feet
 Screen Interval top _____ bottom 33 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailer
 Pump Started 1240 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)
<u>1245</u>	<u>6.68</u>	<u>0.562</u>	<u>16.46</u>	<u>7.5</u>	<u>200</u>	<u>20.21</u>	<u>0.00</u>	<u>0.37</u>	<u>32.6</u>
<u>1256</u>	<u>6.74</u>	<u>0.514</u>	<u>16.44</u>	<u>5.5</u>	<u>200</u>	<u>20.23</u>	<u>0.02</u>	<u>0.36</u>	<u>6.8</u>
<u>1255</u>	<u>6.60</u>	<u>0.516</u>	<u>16.62</u>	<u>5.7</u>	<u>200</u>	<u>20.25</u>	<u>0.02</u>	<u>0.35</u>	<u>7.04</u>
<u>1305</u>	<u>6.55</u>	<u>0.495</u>	<u>16.62</u>	<u>4.7</u>	<u>200</u>	<u>20.28</u>	<u>0.03</u>	<u>0.33</u>	<u>5.6</u>
<u>1305</u>	<u>6.65</u>	<u>0.476</u>	<u>16.52</u>	<u>3.2</u>	<u>200</u>	<u>20.29</u>	<u>0.01</u>	<u>0.33</u>	<u>-4.3</u>
<u>1310</u>	<u>6.48</u>	<u>0.465</u>	<u>16.66</u>	<u>3.3</u>	<u>200</u>	<u>20.30</u>	<u>0.01</u>	<u>0.32</u>	<u>0.4</u>

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

Final:
 Time 1310 pH 6.48 SC 0.465 Temp 16.66 Turb. 3.3 Flow Rate 200 DTW 20.30 Drawdown 0.01 DO 0.32 ORP 0.4

Comments: ATR-EB001 - 082219 Taken after sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 3 - 082219 Time 1310

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>3/9</u>	<u>1</u>	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW6C
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RH Date 8/21/19 Start Time 1415 Weather Sunny 78°

MEASUREMENT SUMMARY:

Measuring Point TDC Depth to Water 25.31 Depth to Product NA Product Thickness NA
 Total Casing Depth _____ Well Diameter 21" Approx. Pump Depth 35-37 Feet
 Screen Interval top _____ bottom _____ Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1420 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)
1425	7.58	0.621	22.45	83.1	200	25.31	0.00	1.79	60.3
1430	7.01	0.653	19.13	18.4	200	25.33	0.02	1.01	36.6
1435	6.97	0.661	19.08	11.00	200	25.35	0.02	1.24	19.6
1440	6.93	0.670	18.81	8.3	200	25.35	0.00	1.55	-3.3
1445	6.91	0.677	18.53	8.8	200	25.35	0.00	1.87	-3.8
1450	6.91	0.684	18.47	3.4	200	25.35	0.00	1.87	-8.6

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 4.44 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW6C - 082119 Time 1450
 Analyses (check):
 VOCs Bottle #/Type 3/G Preservative 1 Dissolved Gasses Bottle #/Type 6
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____
 Other: _____ Other: _____
 MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



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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 98
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/19/19 Start Time 1105 Weather Sunny

MEASUREMENT SUMMARY:

Measuring Point 10C Depth to Water 23.11 Depth to Product NA Product Thickness NA
 Total Casing Depth 76.4 Well Diameter 2.11 Approx. Pump Depth 72 Feet
 Screen Interval top bottom Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1115 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)
1120	6.27	0.765	17.25	33.6	200	23.20	0.09	0.86	-46.8
1125	6.50	0.793	17.00	23.4	200	23.21	0.10	1.46	-46.0
1130	6.59	0.790	17.03	20.6	200	23.21	0.10	1.75	-39.0
1135	6.70	0.781	17.56	19.7	200	23.21	0.10	1.00	-37.9
1140	6.70	0.775	17.53	16.2	200	23.21	0.10	0.98	-30.1
1145	6.71	0.773	17.58	17.1	200	23.21	0.10	0.96	-26.2
1150	6.70	0.777	17.60	17.2	200	23.21	0.10	0.94	-21.4

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

Final:

Time 1150 pH 6.70 SC 0.774 Temp 17.68 Turb. 17.2 Flow Rate 200 DTW 23.21 Drawdown 0.10 DO 0.94 ORP -21.4

Comments:

(Measure) / water bailed out of vault before sampling used 1ft extender to sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 209 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name ATR-MW 98-6081919 Time 1150

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>1</u>	<u>1</u>	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 9C
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/19/15 Start Time 1000 Weather SUN 70

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 22.96 Depth to Product NA Product Thickness NA
 Total Casing Depth 37.10 Well Diameter _____ Approx. Pump Depth 33 Feet
 Screen Interval top 32 bottom 37 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1210 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)
<u>1215</u>	<u>7.35</u>	<u>0.285</u>	<u>18.64</u>	<u>3.0</u>	<u>250</u>	<u>23.10</u>	<u>0.19</u>	<u>5.05</u>	<u>-45.6</u>
<u>1220</u>	<u>7.40</u>	<u>0.272</u>	<u>18.57</u>	<u>3.5</u>	<u>250</u>	<u>23.10</u>	<u>0.19</u>	<u>4.88</u>	<u>-42.3</u>
<u>1225</u>	<u>7.37</u>	<u>0.277</u>	<u>18.37</u>	<u>3.2</u>	<u>250</u>	<u>23.10</u>	<u>0.19</u>	<u>4.92</u>	<u>-43.9</u>
<u>1230</u>	<u>7.38</u>	<u>0.279</u>	<u>18.05</u>	<u>3.0</u>	<u>250</u>	<u>23.10</u>	<u>0.19</u>	<u>4.96</u>	<u>-43.0</u>
<u>1235</u>	<u>7.39</u>	<u>0.281</u>	<u>18.60</u>	<u>2.9</u>	<u>250</u>	<u>23.10</u>	<u>0.19</u>	<u>4.88</u>	<u>-44.7</u>
<u>1240</u>	<u>7.40</u>	<u>0.281</u>	<u>18.60</u>	<u>2.8</u>	<u>250</u>	<u>23.10</u>	<u>0.19</u>	<u>4.87</u>	<u>-45.2</u>

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

Final:
 Time 1240 pH 7.40 SC 0.281 Temp 18.60 Turb. 2.8 Flow Rate 250 DTW 23.10 Drawdown 0.19 DO 4.87 ORP -45.2

Comments: X measured

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 289 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 9C-6081919 Time 1240

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>G</u>	<u>+</u>	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	_____	_____

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



GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW1
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/20/19 Start Time 1005 Weather sun 80.5

MEASUREMENT SUMMARY:
 Measuring Point JOC Depth to Water 24.40 Depth to Product NM Product Thickness NM
 Total Casing Depth 29 Well Diameter 4.51 Approx. Pump Depth NA Feet
 Screen Interval top bottom Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bail
 Pump Started _____ Pump Stopped _____ Total Gallons 0.75

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)
<u>1016</u>	<u>7.08</u>	<u>0.876</u>	<u>17.61</u>	<u>37.4</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>3.26</u>	<u>90.2</u>
<u>1015</u>	<u>7.12</u>	<u>0.884</u>	<u>17.23</u>	<u>48.0</u>	<u>0.50</u>			<u>3.47</u>	<u>94.4</u>
<u>1020</u>	<u>7.18</u>	<u>0.884</u>	<u>17.45</u>	<u>75.6</u>	<u>0.75</u>			<u>3.51</u>	<u>95.1</u>

Stabilization Criteria: pH ±3% SC ±3% Temp ±10 DO ±10 ORP ±10

Final:
 Time 1025 pH 7.18 SC 0.884 Temp 17.45 Turb. 75.6 Flow Rate 0.75 DTW NA Drawdown NA DO 3.51 ORP 95.1

Comments: 0.565 SPV

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 209 mV
 SC Reference Solution 4.45 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 11-6080015 Time 1020

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs 6 1 Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 13
 Project Number 3359-15-1040 _____ (Use: Well name)
 Sampling Personnel CS Date 8/20/15 Start Time 0905 Weather _____

MEASUREMENT SUMMARY:
 Measuring Point TC Depth to Water 22.46 Depth to Product NA Product Thickness NA
 Total Casing Depth 07 Well Diameter 1" Approx. Pump Depth NA Feet
 Screen Interval top bottom Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

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)
<u>0910</u>	<u>6.00</u>	<u>0.255</u>	<u>10.84</u>	<u>101</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>2.34</u>	<u>79.4</u>
<u>0915</u>	<u>6.03</u>	<u>0.290</u>	<u>10.65</u>	<u>128</u>	<u>0.40</u>	<u>NA</u>	<u>NA</u>	<u>1.08</u>	<u>68.0</u>
<u>0920</u>	<u>6.17</u>	<u>0.706</u>	<u>10.60</u>	<u>141</u>	<u>0.50</u>	<u>NA</u>	<u>NA</u>	<u>1.50</u>	<u>50.4</u>

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

Final:
 Time 0925 pH 6.17 SC 0.706 Temp 10.60 Turb. 141 Flow Rate NA DTW NA Drawdown NA DO 1.50 ORP 50.4

Comments: 3 PU = 0.50 FT

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 227 mV
 SC Reference Solution 4.79 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ~~ATR-MW 13~~ ATR-MW 13-6087519 Time 0925 Bottle Type: G
 Analyses (check):
 VOCs Bottle #/Type G Preservative 1 Dissolved Gasses
 TOC + NO3 VFA
 Fe/Mn DHC
 Alkalinity + Anions (Cl-, SO4)
 Other: Other:
 MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO3 5 = BAC
 3 = H2SO4 6 = Na3PO4

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 13
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/20/17 Start Time 1035 Weather SUN-85

MEASUREMENT SUMMARY:
 Measuring Point T4C Depth to Water 21.68 Depth to Product NA Product Thickness NA
 Total Casing Depth 28 Well Diameter 8.1 Approx. Pump Depth NA Feet
 Screen Interval top bottom Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 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)
<u>1040</u>	<u>7.26</u>	<u>0.616</u>	<u>16.13</u>	<u>48.2</u>	<u>6.25</u>	<u>NA</u>	<u>NA</u>	<u>2.24</u>	<u>72.7</u>
<u>1045</u>	<u>7.13</u>	<u>0.008</u>	<u>15.98</u>	<u>50.4</u>	<u>0.50</u>			<u>1.08</u>	<u>84.6</u>
<u>1050</u>	<u>7.08</u>	<u>0.599</u>	<u>15.95</u>	<u>70.2</u>	<u>1.0</u>			<u>1.23</u>	<u>96.10</u>

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

Final:
 Time 1050 pH 7.08 SC 0.599 Temp 15.95 Turb. 70.2 Flow Rate 1.0 DTW NA Drawdown NA DO 1.23 ORP 96.10

Comments: 0.77 = 3PV

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 205 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 13-G082017 Time 1050

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>G</u>	<u>1</u>	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>	_____
MS/MSD _____	Blind Dup _____	Blind Dup Name _____	Other: <input type="checkbox"/>	_____

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW16
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel _____ Date _____ Start Time _____ Weather _____

MEASUREMENT SUMMARY:

Measuring Point _____ Depth to Water 8.95 Depth to Product _____ Product Thickness _____
 Total Casing Depth 33.5 Well Diameter _____ Approx. Pump Depth 29.5-31.5 Feet
 Screen Interval top _____ bottom 33.5 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1240 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)
<u>1245</u>	<u>6.91</u>	<u>1.306</u>	<u>15.10</u>	<u>42.3</u>	<u>200</u>	<u>8.95</u>	<u>0.00</u>	<u>0.34</u>	<u>-46.0</u>
<u>1250</u>	<u>6.89</u>	<u>1.305</u>	<u>14.90</u>	<u>7.9</u>	<u>200</u>	<u>8.97</u>	<u>0.03</u>	<u>0.27</u>	<u>-52.0</u>
<u>1255</u>	<u>6.87</u>	<u>1.315</u>	<u>14.25</u>	<u>10.4</u>	<u>200</u>	<u>8.97</u>	<u>0.00</u>	<u>0.12</u>	<u>-86.4</u>
<u>1300</u>	<u>6.87</u>	<u>1.311</u>	<u>14.23</u>	<u>10.6</u>	<u>200</u>	<u>8.97</u>	<u>0.00</u>	<u>0.12</u>	<u>-81.2</u>
<u>1305</u>	<u>6.86</u>	<u>1.298</u>	<u>14.70</u>	<u>5.4</u>	<u>200</u>	<u>8.97</u>	<u>0.00</u>	<u>0.10</u>	<u>-84.7</u>
<u>1310</u>	<u>6.86</u>	<u>1.288</u>	<u>14.78</u>	<u>6.6</u>	<u>200</u>	<u>8.92</u>	<u>0.00</u>	<u>0.09</u>	<u>-88.2</u>

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>1310</u>	<u>6.86</u>	<u>1.288</u>	<u>14.78</u>	<u>6.6</u>	<u>200</u>	<u>8.92</u>	<u>0.00</u>	<u>0.09</u>	<u>-88.2</u>

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-MW16 - GOBIA Time 1310

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>2/07</u>	<u>2</u>		
TOC + NO ₃ <input type="checkbox"/>				
Fe/Mn <input type="checkbox"/>				
Other: <input type="checkbox"/>				

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW19(53)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/16/19 Start Time 0850 Weather Sunny 65°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 24.40 Depth to Product NA Product Thickness NA
 Total Casing Depth 53 Well Diameter 2" Approx. Pump Depth 49-51 Feet
 Screen Interval top 48 bottom 53 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0855 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)
0900	7.07	0.831	14.80	49.1	200	24.40	0.0	0.72	9.3
0905	7.04	0.833	14.62	13.4	300	24.41	0.01	0.48	-16.6
0910	7.03	0.827	14.54	19.3	300	24.41	0.01	0.36	-39.8
0915	7.03	0.822	14.44	18.7	300	24.41	0.00	0.33	-51.8
0920	7.03	0.819	14.40	11.1	300	24.41	0.00	0.28	-62.6
0925	7.03	0.819	14.41	10.5	300	24.41	0.00	0.28	-66.1
0930	7.03	0.818	14.4	8.6	300	24.41	0.00	0.26	-68.8

Stabilization Criteria: pH ±3% Temp ±3% Turb. ±10% DO ±10%

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0930	7.03	0.818	14.40	8.6	300	24.41	0.00	0.26	-68.8

Comments: Equipment Blank collected after sampling
ATR-EB001-081619

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 499 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 19(53)-6081619 Time 0930

Analyses (check):
 VOCs Bottle #/Type 0/G Dissolved Gasses Bottle #/Type _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____
 Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

8/20/15
JKS

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 20(35)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/20/15 Start Time 1330 Weather overcast 20s

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 25.39 Depth to Product NA Product Thickness NA
 Total Casing Depth 35 Well Diameter 2" Approx. Pump Depth 32 Feet
 Screen Interval top 30 bottom 35 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1335 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	7.10	0.454	18.18	24.0	250	25.39	0.0	0.33	138.4
1345	6.86	0.746	19.10	36.2	250	25.39	0.0	0.37	109.4
1350	6.72	0.701	19.05	35.1	250	25.39	0.0	0.36	99.0
1355	6.75	0.752	18.99	29.6	250	25.39	0.0	0.33	98.0
1400	6.71	0.752	19.19	25.7	250	25.39	0.0	0.37	93.7
1405	6.82	0.730	19.06	18.5	250	25.39	0.0	0.31	90.7
1410	6.83	0.704	19.01	19.6	250	25.39	0.0	0.30	89.7
1415	6.83	0.716	18.95	13.8	250	25.39	0.0	0.30	87.8
1420	6.82	0.714	18.97	18.8	250	25.39	0.0	0.30	83.4
1425	6.82	0.712	18.95	7.9	250	25.39	0.0	0.30	82.8

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

Final:
 Time 1425 pH 6.49 SC 0.712 Temp 18.95 Turb. 7.9 Flow Rate 250 DTW 25.39 Drawdown 0.0 DO 0.30 ORP 82.8

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 029 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 20(35)-6082019 Time _____

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs 6 1 Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____
 Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 14
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RUH Date 8/10/19 Start Time 0750 Weather Sunny 75°

MEASUREMENT SUMMARY:
 Measuring Point FDC Depth to Water 17.80 Depth to Product NA Product Thickness NA
 Total Casing Depth 46.10 Well Diameter 2" Approx. Pump Depth 42-44 Feet
 Screen Interval top bottom 46.4 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0800 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)
0805	6.69	1.135	14.74	5.1	200	17.88	0.00	0.41	36.2
0810	6.88	1.087	14.71	5.6	200	17.87	0.01	0.28	58.4
0815	6.89	1.086	14.69	6.0	200	17.86	0.01	0.20	68.3
0820	6.91	1.083	14.52	8.9	200	17.86	0.00	0.31	82.6
0825	6.94	1.082	14.59	1.2	200	17.86	0.02	0.31	92.0
0830	6.97	1.083	14.61	3.2	200	17.86	0.02	0.32	98.1
0835	6.99	1.084	14.54	6.2	200	17.86	0.02	0.32	98.1

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

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

Comments: Stability Sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.44 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 14 - G08101A Time 0835

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>3/G</u>	<u>1</u>		
TOC + NO ₃ <input type="checkbox"/>				
Fe/Mn <input type="checkbox"/>				

Other: Other:
 MSMSD Blind Dup Blind Dup Name TB

Bottle Type:
 G = Glass
 P = Poly

 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW15
 Project Number 3359-15-1040 Date 2/20/19 Start Time 0845 Weather Sunny 71
 Sampling Personnel _____ (Use: Well name)

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 8.89 Depth to Product NA Product Thickness NA
 Total Casing Depth 55.0 Well Diameter 21 Approx. Pump Depth 51-53 Feet
 Screen Interval top bottom 55.0 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 0850 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)
0855	6.54	2.025	16.58	2.3	200	8.90	0.02	0.65	-51.7
0900	6.49	2.061	15.98	31.2	200	8.89	0.01	0.73	-52.7
0905	6.47	2.080	15.83	70.5	200	8.91	0.02	0.93	-57.2
0910	6.46	2.092	15.87	74.3	200	8.92	0.01	1.06	-57.3
0915	6.45	2.104	15.91	62.7	200	8.90	0.02	1.08	-56.9
0920	6.44	2.104	16.09	90.0	200	8.88	0.02	0.90	-56.2
0925	6.43	2.110	16.21	30.0	200	8.88	6.00	0.95	-55.5
0930	6.41	2.141	16.23	248.7	200	8.88	0.00	0.92	-54.2
0935	6.38	2.279	16.30	14.7	200	8.98	0.00	1.10	-42.1
0940	6.42	2.141	16.29	28.0	200	8.98	0.00	1.02	-49.4
0945	6.40	2.149	16.46	76.9	200	8.88	0.00	1.02	-50.1
0950	6.40	2.161	16.60	10.0	200	8.88	6.00	1.02	-50.1
0955	6.35	2.164	16.61	9.5	200	8.88	0.00	1.02	-50.5

dumped cell

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

Final:
 Time 0955 pH 6.35 SC 2.161 Temp 16.61 Turb. 9.5 Flow Rate 200 DTW 8.88 Drawdown 0.00 DO 1.02 ORP -50.5

Comments: Stability Sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.41 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW15-6087019 Time 0955
 Bottle #/Type Preservative _____

Analyses (check) Bottle #/Type Preservative
 VOCs 3/9 1 Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl⁻, SO₄) _____
 Other: _____ Other: _____

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

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

GROUNDWATER/SURFACE WATER SAMPLING FORM



Wood Environment & Infrastructure Solutions, Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 17
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RUF Date 9/20/19 Start Time 1225 Weather Runny

MEASUREMENT SUMMARY:
 Measuring Point POC Depth to Water 2.76 Depth to Product NA Product Thickness NA
 Total Casing Depth 40.3 Well Diameter 2" Approx. Pump Depth 36.5-38.5 Feet
 Screen Interval top bottom 40.3 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1235 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)
<u>1240</u>	<u>7.35</u>	<u>1.187</u>	<u>25.00</u>	<u>2.4</u>	<u>100</u>	<u>2.71</u>	<u>0.00</u>	<u>2.36</u>	<u>48.9</u>
<u>1245</u>	<u>7.02</u>	<u>1.234</u>	<u>23.20</u>	<u>0.8</u>	<u>100</u>	<u>2.71</u>	<u>0.00</u>	<u>2.32</u>	<u>43.4</u>
<u>1250</u>	<u>6.91</u>	<u>1.245</u>	<u>22.56</u>	<u>0.7</u>	<u>100</u>	<u>2.71</u>	<u>0.00</u>	<u>0.39</u>	<u>-5.6</u>
<u>1255</u>	<u>6.85</u>	<u>1.267</u>	<u>22.10</u>	<u>0.6</u>	<u>100</u>	<u>2.71</u>	<u>0.00</u>	<u>0.45</u>	<u>-10.8</u>
<u>1300</u>	<u>6.83</u>	<u>1.271</u>	<u>21.94</u>	<u>0.8</u>	<u>100</u>	<u>2.71</u>	<u>0.00</u>	<u>0.28</u>	<u>-18.7</u>
<u>1305</u>	<u>6.82</u>	<u>1.275</u>	<u>21.68</u>	<u>0.2</u>	<u>100</u>	<u>2.71</u>	<u>0.00</u>	<u>0.29</u>	<u>-36.8</u>
<u>1310</u>	<u>6.82</u>	<u>1.279</u>	<u>21.62</u>	<u>0.3</u>	<u>100</u>	<u>2.71</u>	<u>0.00</u>	<u>0.26</u>	<u>-49.7</u>
<u>1315</u>	<u>6.81</u>	<u>1.279</u>	<u>21.38</u>	<u>0.0</u>	<u>100</u>	<u>2.71</u>	<u>0.00</u>	<u>0.25</u>	<u>-60.9</u>
<u>1320</u>	<u>6.81</u>	<u>1.279</u>	<u>21.33</u>	<u>0.1</u>	<u>100</u>	<u>2.71</u>	<u>0.00</u>	<u>0.25</u>	<u>-62.1</u>

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

Final: Time 1320 pH 6.81 SC 1.279 Temp 21.33 Turb. 0.1 Flow Rate 100 DTW 2.71 Drawdown 0.00 DO 0.25 ORP -62.1

Comments: Stability Sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 17 - 0002019 Time 1320

Analyses (check) Bottle #/Type Preservative
 VOCs 3/G 1 Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____
 Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW-20(51)
 Project Number 3359-15-1040 Date 8/26/19 Start Time 1240 Weather SUN 80S
 Sampling Personnel GO

MEASUREMENT SUMMARY:

Measuring Point JVC Depth to Water 25.21 Depth to Product NA Product Thickness NA
 Total Casing Depth 51 Well Diameter 2" Approx. Pump Depth 45 Feet
 Screen Interval top 46 bottom 67 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1245 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)
1250	6.76	0.210	18.81	0.6	250	25.26	0.05	0.75	72.0
1255	6.48	0.323	18.64	0.7	250	25.26	0.05	0.55	79.1
1300	6.53	0.363	18.60	0.2	250	25.26	0.05	0.101	84.0
1305	6.58	0.392	18.37	0.0	250	25.26	0.05	0.104	92.2
1310	6.58	0.405	18.36	0.0	250	25.26	0.05	0.05	91.3
1315	6.61	0.408	18.35	0.0	250	25.26	0.05	0.05	99.8
1320	6.62	0.410	18.34	0.0	250	25.26	0.05	0.05	100.9

Stabilization Criteria: pH ±3% Temp ±3% Turb. ±10 DO ±10 ORP ±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1320	6.62	0.410	18.34	0.0	250	25.26	0.05	0.05	100.9

Comments: * Stability sample / In Network

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.45 mS/cm Turbidity Cal. Solution GB NTUs

Sample Name ATR-MW-20(51)-G-082019 Time 1220

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	G	1	Dissolved Gasses <input type="checkbox"/>	
TOC + NO ₃ <input type="checkbox"/>			VFA <input type="checkbox"/>	
Fe/Mn <input type="checkbox"/>			DHC <input type="checkbox"/>	
			Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	
Other: <input type="checkbox"/>			Other: <input type="checkbox"/>	

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location	<u>TFS Rochester</u>	Surface Water <input type="checkbox"/>	Groundwater <input checked="" type="checkbox"/>	Sample ID	<u>ATR-MW 20(155)</u>
Project Number	<u>3359-15-1040</u>	(Use: Well name)			
Sampling Personnel	<u>GJ</u>	Date	<u>8/20/19</u>	Start Time	<u>1100</u>
			Weather	<u>SW 60S</u>	

MEASUREMENT SUMMARY:

Measuring Point LOC Depth to Water 26.81 Depth to Product NK Product Thickness NA
 Total Casing Depth 155 Well Diameter 8" Approx. Pump Depth 152 Feet
 Screen Interval top 150 bottom 155 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1105 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)
<u>1130</u>	<u>7.22</u>	<u>0.238</u>	<u>18.22</u>	<u>21.9</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.97</u>	<u>56.4</u>
<u>1135</u>	<u>7.24</u>	<u>0.244</u>	<u>18.22</u>	<u>23.7</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.66</u>	<u>50.1</u>
<u>1140</u>	<u>7.21</u>	<u>0.246</u>	<u>18.22</u>	<u>24.1</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.60</u>	<u>48.1</u>
<u>1145</u>	<u>7.34</u>	<u>0.250</u>	<u>18.25</u>	<u>20.8</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.60</u>	<u>44.0</u>
<u>1150</u>	<u>7.39</u>	<u>0.252</u>	<u>18.44</u>	<u>23.7</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.66</u>	<u>47.0</u>
<u>1155</u>	<u>7.41</u>	<u>0.259</u>	<u>18.28</u>	<u>24.0</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.82</u>	<u>41.2</u>
<u>1200</u>	<u>7.43</u>	<u>0.265</u>	<u>18.28</u>	<u>64.0</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.78</u>	<u>50.9</u>
<u>1205</u>	<u>7.45</u>	<u>0.267</u>	<u>18.29</u>	<u>67.3</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.76</u>	<u>39.9</u>
<u>1210</u>	<u>7.44</u>	<u>0.269</u>	<u>18.28</u>	<u>54.3</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.75</u>	<u>41.4</u>
<u>1215</u>	<u>7.46</u>	<u>0.268</u>	<u>18.24</u>	<u>57.6</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.73</u>	<u>39.8</u>
<u>1220</u>	<u>7.46</u>	<u>0.267</u>	<u>18.27</u>	<u>53.3</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.73</u>	<u>38.4</u>
<u>1225</u>	<u>7.46</u>	<u>0.267</u>	<u>18.30</u>	<u>59.8</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.70</u>	<u>38.0</u>
<u>1230</u>	<u>7.45</u>	<u>0.265</u>	<u>18.29</u>	<u>51.9</u>	<u>250</u>	<u>26.81</u>	<u>0.0</u>	<u>0.69</u>	<u>37.6</u>

Stabilization Criteria: pH ±3% Temp ±3% Turb. ±10 DO ±10% ORP ±10

Final:

Time 1230 pH 7.45 SC 0.265 Temp 18.29 Turb. 51.9 Flow Rate 250 DTW 26.81 Drawdown 0.0 DO 0.69 ORP 37.6

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 20(155) - 6082019 Time 1230

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>G</u>	<u>1</u>		
TOC + NO ₃ <input type="checkbox"/>				
Fe/Mn <input type="checkbox"/>				
		Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>		
Other: <input type="checkbox"/>			Other: <input type="checkbox"/>	

Bottle Type:
 G = Glass
 P = Poly
Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

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



GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 24(55)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel _____ Date 8/16/19 Start Time 1055 Weather _____

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 20.25 Depth to Product NA Product Thickness NA
 Total Casing Depth 55 Well Diameter 8" Approx. Pump Depth 52 Feet
 Screen Interval top bottom Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1100 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)
<u>1105</u>	<u>7.19</u>	<u>0.733</u>	<u>14.55</u>	<u>0.0</u>	<u>250</u>	<u>20.25</u>	<u>0.0</u>	<u>1.72</u>	<u>12.9</u>
<u>1110</u>	<u>7.14</u>	<u>0.746</u>	<u>14.13</u>	<u>0.0</u>	<u>250</u>	<u>20.25</u>	<u>0.0</u>	<u>0.71</u>	<u>-1.2</u>
<u>1115</u>	<u>6.95</u>	<u>0.892</u>	<u>14.06</u>	<u>0.0</u>	<u>250</u>	<u>20.25</u>	<u>0.0</u>	<u>0.55</u>	<u>-6.8</u>
<u>1120</u>	<u>6.95</u>	<u>0.875</u>	<u>14.00</u>	<u>0.0</u>	<u>250</u>	<u>20.25</u>	<u>0.0</u>	<u>0.51</u>	<u>-9.4</u>
<u>1125</u>	<u>6.87</u>	<u>0.879</u>	<u>14.00</u>	<u>0.0</u>	<u>250</u>	<u>20.25</u>	<u>0.0</u>	<u>0.49</u>	<u>-11.3</u>
<u>1130</u>	<u>6.79</u>	<u>0.873</u>	<u>13.97</u>	<u>0.0</u>	<u>250</u>	<u>20.05</u>	<u>0.0</u>	<u>0.47</u>	<u>-12.2</u>

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>1130</u>	<u>6.99</u>	<u>0.873</u>	<u>13.97</u>	<u>0.0</u>	<u>250</u>	<u>20.05</u>	<u>0.0</u>	<u>0.47</u>	<u>-12.2</u>

Comments: *Replicate taken ATR-MW24(55)-G081619R

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 24(55) - G081619 Time 1130

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>G</u>	<u>HCL</u>	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	_____	_____

Dissolved Gasses VFA DHC Alkalinity + Anions (Cl-, SO4) Other:

MS/MSD _____ Blind Dup _____ Blind Dup Name ATR-MW24(55)-G081619R

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 25(16.4)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/26/19 Start Time 1100 Weather overcast 70°

MEASUREMENT SUMMARY:

Measuring Point TL Depth to Water 7.64 Depth to Product NA Product Thickness NA
 Total Casing Depth 16.4 Well Diameter 2" Approx. Pump Depth 12.5-14.5 Feet
 Screen Interval top _____ bottom 16.4 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

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)
1105	6.70	1.175	15.79	2.3	200	7.64	0.00	1.10	-47.5
1110	6.61	1.201	15.52	1.2	200	7.46	0.02	0.11	-91.0
1115	6.61	1.202	15.57	1.1	200	7.60	0.02	0.10	-82.1
1120	6.61	1.204	15.54	1.0	200	7.70	0.02	0.08	-85.0
1125	6.61	1.206	15.60	1.1	200	7.71	0.01	0.11	-86.6
1130	6.62	1.200	15.65	1.2	200	7.71	0.00	0.10	-90.2

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1130	6.62	1.208	15.65	1.2	200	7.71	0.00	0.10	-90.2

Comments: Stability Sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 25(16.4) - 6082019 Time 1130

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs _____ Dissolved Gasses _____

TOC + NO₃ _____ VFA _____

Fe/Mn _____ DHC _____

Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 25(82)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/20/19 Start Time 1010 Weather CR/C/CLD 75°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 9.25 Depth to Product NA Product Thickness NA
 Total Casing Depth 82 Well Diameter 2" Approx. Pump Depth 78-80 Feet
 Screen Interval top _____ bottom 82 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1015 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)
1020	7.12	1.187	17.04	5.6	200	9.25	0.00	0.49	47.6
1025	7.06	1.172	16.17	5.6	200	9.30	0.05	0.51	-17.6
1030	7.04	1.174	16.06	3.6	200	9.30	0.05	0.53	-23.3
1035	7.04	1.173	16.06	2.2	200	9.30	0.00	0.70	-40.1
1040	7.04	1.172	16.02	2.2	200	9.30	0.00	0.68	-46.2
1045	7.04	1.172	15.98	2.4	200	9.30	0.00	0.71	-51.8

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

Final:
 Time 1045 pH 7.04 SC 1.172 Temp 15.98 Turb. 2.4 Flow Rate 200 DTW 9.30 Drawdown 0.00 DO 0.71 ORP -51.8

Comments: Stability Sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 25(82)-G082019 Time 1045

Analyses (check) Bottle #/Type Preservative VOCs <input checked="" type="checkbox"/> <u>3/6</u> <u>1</u> Dissolved Gasses <input type="checkbox"/> _____ TOC + NO ₃ <input type="checkbox"/> _____ VFA <input type="checkbox"/> _____ Fe/Mn <input type="checkbox"/> _____ DHC <input type="checkbox"/> _____ Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/> _____ Other: <input type="checkbox"/> _____ Other: <input type="checkbox"/> _____	Bottle Type: G = Glass P = Poly Preservative Codes: 1 = HCL 4 = NaOH 2 = HNO ₃ 5 = BAC 3 = H ₂ SO ₄ 6 = Na ₃ PO 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-26(17.5)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel Red Date 8/19/19 Start Time 1500 Weather Drizzle

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 9.99 Depth to Product NA Product Thickness NA
 Total Casing Depth 17.5 Well Diameter 2" Approx. Pump Depth 13.5-15.5 Feet
 Screen Interval top _____ bottom 17.5 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1505 Pump Stopped _____ Total Gallons _____

1525
1528
1530
1535
1540

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)
1516	7.54					10.01	0.02		52.4
1517	6.81	0.880	18.76	507.8	200	10.01	0.02	1.98	19.0
1520	6.42	0.819	16.36	123.6	200	10.01	0.00	1.97	65.8
1525	6.31	0.812	16.14	58.1	200	10.01	0.00	2.27	64.1
1530	6.16	0.814	15.12	57.4	200	10.01	0.00	2.41	56.6
1535	6.17	0.814	15.09	43.8	200	10.01	0.00	2.23	63.9
1545	6.21	0.814	15.21	37.9	200	10.01	0.00	2.22	66.2
1550	6.26	0.815	15.42	80.2	200	10.08	0.07	2.18	68.4
1555	6.30	0.815	15.58	23.5	200	10.02	0.04	2.02	72.8
1600	6.30	0.814	15.56	21.7	200	10.02	0.00	1.96	74.1
1605	6.26	0.815	15.29	16.8	200	10.02	0.00	1.90	74.8
1610	6.27	0.813	15.27	2.00	200			1.79	78.6

Pump Not Pumping.

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

Final:

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

Comments: ATR-EB001-081919 collected at stability

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 11.49 mS/cm Turbidity Cal. Solution 0-0 NTUs

Sample Name ATR-MW-26(17.5)-G081919 Time 1610

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs 319 7 Dissolved Gasses _____

TOC + NO₃ _____ VFA _____

Fe/Mn _____ DHC _____

Alkalinity + Anions (Cl⁻, SO₄) _____

Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 26 (28.8)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RH Date 8/19/19 Start Time 1415 Weather Sunny 87°

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 9.91 Depth to Product NA Product Thickness NA
 Total Casing Depth 28.8 Well Diameter 2" Approx. Pump Depth 25-27 Feet
 Screen Interval top 28.8 bottom 28.8 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1420 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)
1425	6.38	1.226	14.63	9.2	200	9.96	0.01	0.19	-62.5
1430	6.36	1.191	14.32	14.1	200	9.98	0.00	0.16	-67.6
1435	6.34	1.179	14.69	0.4	200	9.90	0.00	0.16	-68.9
1440	6.32	1.168	14.67	0.2	200	9.90	0.00	0.13	-69.8
1445	6.30	1.157	14.61	0.9	200	9.90	0.00	0.12	-69.8
1450	6.27	1.144	14.57	3.7	200	9.90	0.00	0.12	-69.7

Stabilization Criteria: pH ±3% SC ±3% Temp ±10 DO ±10

Final:

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

Comments: Stability

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 929 mV
 SC Reference Solution 4.42 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 26 (28.8) - G001919 Time 1450

Analyses (check) Bottle #/Type Preservative

VOCs	<input checked="" type="checkbox"/> 309	1	Dissolved Gasses	<input type="checkbox"/>		
TOC + NO ₃	<input type="checkbox"/>		VFA	<input type="checkbox"/>		
Fe/Mn	<input type="checkbox"/>		DHC	<input type="checkbox"/>		
			Alkalinity + Anions (Cl-, SO ₄)	<input type="checkbox"/>		
Other:	<input type="checkbox"/>		Other:	<input type="checkbox"/>		

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW26(58.2)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RVA Date 8/19/19 Start Time 1330 Weather _____

MEASUREMENT SUMMARY:

Measuring Point _____ Depth to Water 9.34 Depth to Product _____ Product Thickness _____
 Total Casing Depth _____ Well Diameter _____ Approx. Pump Depth 52654.2 Feet
 Screen Interval top 48.2 bottom 58.2 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Baller

Pump Started 1335 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	7.21	0.618	16.72	4.3	200	9.55	0.01	1.42	-3.4
1345	7.29	0.600	16.06	2.9	200	9.34	0.01	0.53	-51.7
1350	7.10	0.597	15.64	0.6	200	9.41	0.05	0.98	-83.1
1355	6.99	0.602	15.70	0.3	200	9.40 9.40	4.00	0.98	-92.0
1400	6.99	0.603	15.68	0.4	200	9.40	0.00	0.99	-92.6
1405	6.95	0.604	15.74	0.5	200	9.40	0.00	1.01	-95.0

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1405	6.95	0.604	15.74	0.5	200	9.40	0.00	1.01	-95.0

Comments: Stability

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-MW26(58.2)-6081919 Time 1405

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs	<u>2-3</u>			
TOC + NO ₃				
Fe/Mn				
Alkalinity + Anions (Cl-, SO ₄)				
Other:				

Dissolved Gases VFA DHC

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 27(18)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel BS Date 8/19/19 Start Time 1525 Weather _____

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 2.85 Depth to Product NA Product Thickness NA
Total Casing Depth 18 Well Diameter 8" Approx. Pump Depth 14 Feet
Screen Interval top 13 bottom 18 Feet

SAMPLING SUMMARY:
Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
Pump Started 1530 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)
<u>1535</u>	<u>7.51</u>	<u>0.697</u>	<u>18.87</u>	<u>0.0</u>	<u>250</u>	<u>2.85</u>	<u>0.0</u>	<u>10.24</u>	<u>3.4</u>
<u>1540</u>	<u>7.60</u>	<u>0.697</u>	<u>18.26</u>	<u>0.0</u>	<u>250</u>	<u>2.85</u>	<u>0.0</u>	<u>10.78</u>	<u>-0.2</u>
<u>1545</u>	<u>7.65</u>	<u>0.699</u>	<u>18.35</u>	<u>0.0</u>	<u>250</u>	<u>2.85</u>	<u>0.0</u>	<u>10.80</u>	<u>-0.1</u>
<u>1550</u>	<u>7.66</u>	<u>0.701</u>	<u>18.04</u>	<u>0.0</u>	<u>250</u>	<u>2.85</u>	<u>0.0</u>	<u>10.88</u>	<u>-0.1</u>
<u>1555</u>	<u>7.66</u>	<u>0.701</u>	<u>18.38</u>	<u>0.0</u>	<u>250</u>	<u>2.85</u>	<u>0.0</u>	<u>10.84</u>	<u>1.2</u>
<u>1600</u>	<u>7.67</u>	<u>0.701</u>	<u>18.31</u>	<u>0.0</u>	<u>250</u>	<u>2.85</u>	<u>0.0</u>	<u>10.85</u>	<u>1.4</u>

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>1600</u>	<u>7.67</u>	<u>0.701</u>	<u>18.31</u>	<u>0.0</u>	<u>250</u>	<u>2.85</u>	<u>0.0</u>	<u>10.85</u>	<u>1.4</u>

Comments: ATR-MW27(18)-G081919R taken after sample
*Annual network sample stability

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.44 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 27(18)-G081919R Time 1600

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>9</u>	<u>1</u>		
TOC + NO ₃ <input type="checkbox"/>				
Fe/Mn <input type="checkbox"/>				
		Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>		
Other: <input type="checkbox"/>				

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 27(53.05)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel 205 Date 8/19/19 Start Time 1458 Weather _____

MEASUREMENT SUMMARY:
Measuring Point _____ Depth to Water 3.05 Depth to Product NA Product Thickness NA
Total Casing Depth 53.05 Well Diameter _____ Approx. Pump Depth 50 Feet
Screen Interval top 46 bottom 53 Feet

SAMPLING SUMMARY:
Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
Pump Started 1455 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)
1500	7.47	0.771	17.57	0.2	250	3.05	0.0	2.45	-313
1505	7.01	0.802	17.80	0.0	250	3.05	0.0	0.97	-41.5
1510	7.07	0.813	18.05	0.0	250	3.05	0.0	0.51	-46.9
1515	7.03	0.815	18.03	0.0	250	3.05	0.0	0.50	-50.1
1520	7.05	0.817	18.60	0.0	250	3.05	0.0	0.50	-52.6

Stabilization Criteria: pH ±3% Temp ±3% Turb. ±10 DO ±10 ORP ±10

Final:
Time 1520 pH 7.05 SC 0.817 Temp 18.60 Turb. 0.0 Flow Rate 250 DTW 3.05 Drawdown 0.0 DO 0.50 ORP -52.6

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 27(53.05) - 081919 Time 1520

Analyses (check) <input checked="" type="checkbox"/> VOCs <u>1</u>	Bottle #/Type <u>G</u>	Preservative <u>1</u>	Dissolved Gasses <input type="checkbox"/>	Bottle #/Type _____	Preservative _____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____	_____
Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____	_____

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

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

308/19/19

Project Location TFS Rochester Surface Water Groundwater
 Project Number 3359-15-1040
 Sampling Personnel BS Date 8/19/19 Start Time 1415 Weather SUN 80°

Sample ID ATR-MW-~~(75.4)-27~~(75.4)
 (Use: Well Name)

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 2.75 Depth to Product NA Product Thickness NA
 Total Casing Depth 75.4 Well Diameter _____ Approx. Pump Depth 70 Feet
 Screen Interval top 70 bottom 75 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1420 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)
<u>1425</u>	<u>7.05</u>	<u>0.832</u>	<u>17.49</u>	<u>0.0</u>	<u>250</u>	<u>2.75</u>	<u>0.0</u>	<u>0.94</u>	<u>-38.8</u>
<u>1430</u>	<u>7.02</u>	<u>0.849</u>	<u>17.17</u>	<u>0.0</u>	<u>250</u>	<u>2.75</u>	<u>0.0</u>	<u>0.91</u>	<u>-43.5</u>
<u>1435</u>	<u>7.01</u>	<u>0.843</u>	<u>16.99</u>	<u>0.0</u>	<u>250</u>	<u>2.75</u>	<u>0.0</u>	<u>0.48</u>	<u>-47.1</u>
<u>1440</u>	<u>7.00</u>	<u>0.840</u>	<u>16.76</u>	<u>0.0</u>	<u>250</u>	<u>2.75</u>	<u>0.0</u>	<u>0.47</u>	<u>-50.3</u>
<u>1445</u>	<u>7.00</u>	<u>0.839</u>	<u>16.95</u>	<u>0.0</u>	<u>250</u>	<u>2.75</u>	<u>0.0</u>	<u>0.47</u>	<u>-52.1</u>

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

Final:

Time 1445 pH 7.00 SC 0.839 Temp 16.95 Turb. 0.0 Flow Rate 250 DTW 2.75 Drawdown 0.0 DO 0.47 ORP -52.1

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 029 mV
 SC Reference Solution 4.45 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW-27(75.4)-6081919 Time 1445
 Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs _____ _____ Dissolved Gasses _____ _____
 TOC + NO₃ _____ _____ VFA _____ _____
 Fe/Mn _____ _____ DHC _____ _____
 Alkalinity + Anions (Cl-, SO₄) _____ _____
 Other: _____ Other: _____
 MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 27 (104.2)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/19/19 Start Time 1335 Weather 201.803

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 3.37 Depth to Product NA Product Thickness NA
 Total Casing Depth 154 Well Diameter 2" Approx. Pump Depth 100 Feet
 Screen Interval top 99 bottom 124 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1340 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)
<u>1345</u>	<u>7.44</u>	<u>0.608</u>	<u>21.96</u>	<u>5.2</u>	<u>200</u>	<u>3.37</u>	<u>0.0</u>	<u>2.73</u>	<u>21.4</u>
<u>1350</u>	<u>7.14</u>	<u>0.639</u>	<u>21.69</u>	<u>0.5</u>	<u>200</u>	<u>3.37</u>	<u>0.0</u>	<u>1.73</u>	<u>19.5</u>
<u>1355</u>	<u>7.20</u>	<u>0.656</u>	<u>22.73</u>	<u>0.0</u>	<u>200</u>	<u>3.37</u>	<u>0.0</u>	<u>0.84</u>	<u>11.1</u>
<u>1400</u>	<u>7.28</u>	<u>0.661</u>	<u>23.15</u>	<u>0.0</u>	<u>200</u>	<u>3.37</u>	<u>0.0</u>	<u>0.81</u>	<u>-1.8</u>
<u>1405</u>	<u>7.20</u>	<u>0.663</u>	<u>23.18</u>	<u>0.0</u>	<u>200</u>	<u>3.37</u>	<u>0.0</u>	<u>0.79</u>	<u>-1.5</u>
<u>1410</u>	<u>7.21</u>	<u>0.664</u>	<u>23.20</u>	<u>0.0</u>	<u>200</u>	<u>3.37</u>	<u>0.0</u>	<u>0.78</u>	<u>-0.90</u>

8/19/19
 J25
 34.4

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

Final:
 Time 1410 pH 7.21 SC 0.664 Temp 23.20 Turb. 0.0 Flow Rate 200 DTW 3.37 Drawdown 0.0 DO 0.78 ORP -0.90

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 27 (104.2) - G081919 Time 1410

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs G 1 Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 09 (132)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel BS Date 8/14/19 Start Time 1230 Weather sun, 80s

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 26.92 Depth to Product NA Product Thickness NA
 Total Casing Depth 132 Well Diameter 9" Approx. Pump Depth 126 Feet
 Screen Interval top 102 bottom 132 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailer

Pump Started 1240 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)
<u>1245</u>	<u>7.51</u>	<u>0.662</u>	<u>15.37</u>	<u>0.0</u>	<u>300</u>	<u>26.95</u>	<u>0.03</u>	<u>3.05</u>	<u>63.4</u>
<u>1250</u>	<u>7.36</u>	<u>0.662</u>	<u>14.65</u>	<u>0.0</u>	<u>300</u>	<u>26.98</u>	<u>0.06</u>	<u>3.52</u>	<u>37.4</u>
<u>1255</u>	<u>7.30</u>	<u>0.659</u>	<u>14.40</u>	<u>0.0</u>	<u>300</u>	<u>26.99</u>	<u>0.07</u>	<u>3.98</u>	<u>31.2</u>
<u>1300</u>	<u>7.24</u>	<u>0.659</u>	<u>14.63</u>	<u>0.0</u>	<u>300</u>	<u>27.00</u>	<u>0.08</u>	<u>2.28</u>	<u>27.6</u>
<u>1305</u>	<u>7.24</u>	<u>0.656</u>	<u>14.65</u>	<u>0.0</u>	<u>300</u>	<u>27.00</u>	<u>0.08</u>	<u>2.26</u>	<u>27.2</u>
<u>1310</u>	<u>7.23</u>	<u>0.654</u>	<u>14.66</u>	<u>0.0</u>	<u>300</u>	<u>27.01</u>	<u>0.09</u>	<u>2.02</u>	<u>20.4</u>
<u>1315</u>	<u>7.22</u>	<u>0.653</u>	<u>14.68</u>	<u>0.0</u>	<u>300</u>	<u>27.01</u>	<u>0.09</u>	<u>2.00</u>	<u>17.8</u>

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

Final:

Time 1315 pH 7.22 SC 0.653 Temp 14.68 Turb. 0.0 Flow Rate 300 DTW 27.01 Drawdown 0.09 DO 2.20 ORP 17.8

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 09 (132) - G081419 Time 1315

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs _____ _____ _____ _____ _____
 TOC + NO₃ _____ _____ _____ _____ _____
 Fe/Mn _____ _____ _____ _____ _____
 Alkalinity + Anions (Cl-, SO₄) _____ _____ _____ _____ _____

- Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

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



**GROUNDWATER/SURFACE WATER
SAMPLING FORM**

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW-29 (82.5)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/14/19 Start Time 1320 Weather SUN 80°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 24.28 Depth to Product NA Product Thickness NA
 Total Casing Depth 82.5 Well Diameter 8" Approx. Pump Depth 76 Feet
 Screen Interval top 78 bottom 82 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1325 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)
1330	7.31	0.699	13.78	2.1	250	24.34	0.04	4.55	56.3
1335	7.14	0.705	14.35	0.0	250	24.40	0.12	2.57	27.3
1340	7.09	0.707	14.40	0.0	200	24.52	0.24	1.78	19.9
1345	7.03	0.707	14.41	0.0	200	24.55	0.27	1.08	14.9
1350	6.99	0.710	14.40	0.0	200	24.59	0.31	0.78	13.7
1355	6.96	0.712	14.39	0.0	200	24.60	0.32	0.75	12.1
1400	6.95	0.713	14.39	0.0	200	24.62	0.34	0.72	12.5

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

Final:
 Time 1400 pH 6.95 SC 0.713 Temp 14.39 Turb. 0.0 Flow Rate 200 DTW 24.62 Drawdown 0.34 DO 0.72 ORP 12.5

Comments: *Dropped to 200 ml/min

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.48 mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name ATR-MW-29(82.5)-6081415 Time 1400

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>6</u>	_____	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

Alkalinity + Anions (Cl-, SO₄) Other:

Bottle Type: G = Glass, P = Poly
 Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO₃, 5 = BAC, 3 = H₂SO₄, 6 = Na₃PO₄

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 29(103.3)
 Project Number 3359-15-1040 Date 8/14/19 Start Time 1405 Weather SUN 80°E
 Sampling Personnel GG (Use: Well name)

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 27.08 Depth to Product NA Product Thickness NA
 Total Casing Depth 103.3 Well Diameter 8" Approx. Pump Depth 98 Feet
 Screen Interval top 93 bottom 103 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailer
 Pump Started 1410 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)
1415	7.14	0.037	15.57	1.0	300	27.05	0.03	3.95	479
1420	7.14	0.035	15.57	0.1	300	27.06	0.04	3.87	498
1425	7.13	0.017	14.97	0.0	300	27.06	0.04	2.07	35.7
1430	7.12	0.019	15.0	0.0	300	27.06	0.06	2.00	26.0
1435	7.11	0.021	14.99	0.0	300	27.10	0.09	1.87	21.0
1440	7.09	0.020	14.97	0.0	300	27.11	0.10	1.80	17.0
1445	7.09	0.019	14.97	0.0	300	27.12	0.10	1.80	16.1

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

Final:
 Time 1445 pH 7.09 SC 0.019 Temp 14.97 Turb. 0.0 Flow Rate 300 DTW 27.12 Drawdown 0.10 DO 1.80 ORP 16.1

Comments: _____

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

Sample Name ATR-MW 29(103.3) - 6081419 Time 1445

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>G</u>	<u>HCL</u>		
TOC + NO ₃ <input type="checkbox"/>				
Fe/Mn <input type="checkbox"/>				
Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>				
Other: <input type="checkbox"/>				

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 30(41.1)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/15/19 Start Time 1125 Weather Overcast 70

MEASUREMENT SUMMARY:
 Measuring Point TC Depth to Water 18.99 Depth to Product NA Product Thickness NA
 Total Casing Depth 41.1 Well Diameter 2" Approx. Pump Depth 38 Feet
 Screen Interval top bottom Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1130 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)
<u>1125</u>	<u>6.82</u>	<u>0.709</u>	<u>12.96</u>	<u>0.0</u>	<u>300</u>	<u>18.99</u>	<u>0.0</u>	<u>1.06</u>	<u>271.2</u>
<u>1125</u>	<u>7.0</u>	<u>0.744</u>	<u>13.40</u>	<u>0.0</u>	<u>300</u>	<u>18.95</u>	<u>0.0</u>	<u>1.04</u>	<u>57.6</u>
<u>1210</u>	<u>6.82</u>	<u>0.780</u>	<u>12.73</u>	<u>0.0</u>	<u>300</u>	<u>18.99</u>	<u>0.0</u>	<u>0.83</u>	<u>35.8</u>
<u>1215</u>	<u>6.89</u>	<u>0.740</u>	<u>12.69</u>	<u>0.0</u>	<u>300</u>	<u>18.99</u>	<u>0.0</u>	<u>0.66</u>	<u>32.1</u>
<u>1220</u>	<u>6.90</u>	<u>0.739</u>	<u>12.68</u>	<u>0.0</u>	<u>300</u>	<u>18.99</u>	<u>0.0</u>	<u>0.65</u>	<u>30.8</u>
<u>1225</u>	<u>6.97</u>	<u>0.738</u>	<u>12.67</u>	<u>0.0</u>	<u>300</u>	<u>18.99</u>	<u>0.0</u>	<u>0.63</u>	<u>30.0</u>
<u>1230</u>	<u>6.93</u>	<u>0.721</u>	<u>12.10</u>	<u>0.0</u>	<u>300</u>	<u>18.99</u>	<u>0.0</u>	<u>0.62</u>	<u>29.8</u>

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

Final:
 Time 1230 pH 6.93 SC 0.731 Temp 12.10 Turb. 0.0 Flow Rate 300 DTW 18.99 Drawdown 0.0 DO 0.62 ORP 29.8

Comments: *Equipment problem fixed @ 1200 resume pump @ 1230

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 30(41.1)-G081519 Time 1230

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>G</u>	_____	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	_____	_____

Dissolved Gasses VFA DHC Alkalinity + Anions (Cl-, SO₄) Other:

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

Bottle Type: G = Glass, P = Poly
 Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO₃, 5 = BAC, 3 = H₂SO₄, 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW31(30.9)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RJH Date 8/14/19 Start Time 0756 Weather Sunny

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 8.09 Depth to Product NA Product Thickness NA
 Total Casing Depth 30.9 Well Diameter 2" Approx. Pump Depth ~~20.0~~ Feet
 Screen Interval top 20.9 bottom 30.9 Feet AS-27

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0815 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)
0820	6.93	0.511	16.93	4.9	300	8.09		0.35	-95.4
0825	7.06	0.507	17.00	57.0	300	8.11	0.02	0.25	-120.6
0830	7.12	0.511	16.08	284.3	300	8.12	0.01	0.13	-128.5
0835	7.13	0.512	15.86	12.7	300	8.12	0.00	0.10	-131.3
0840	7.14	0.513	15.83	12.2	300	8.14	0.02	0.37	-109.8
0845	7.18	0.513	15.77	27.0	300	8.14	0.00	0.08	-739.4
0850	7.21	0.514	15.79	20.2	300	8.14	0.00	0.07	-149.1
0855	7.21	0.515	15.74	10.0	300	8.14	0.00	0.06	-152.7
0900	7.21	0.515	15.72	9.8	300	8.14	0.00	0.07	-150.0

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

Final:
 Time 0900 pH 7.21 SC 0.515 Temp 15.72 Turb. 9.8 Flow Rate 300 DTW 8.14 Drawdown 0.00 DO 0.07 ORP -150.6

Comments: Includes MS/MSD samples

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 2.29 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW31(30.9)-G081419 Time 0900

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	<u>9/9</u>	_____	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

Bottle Type: G = Glass, P = Poly
 Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO₃, 5 = BAC, 3 = H₂SO₄, 6 = Na₃PO₄

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

ATR-MW31(30.9)-G081419

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 31 (55.5)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RWH Date 8/14/19 Start Time 1000 Weather _____

MEASUREMENT SUMMARY:
 Measuring Point TDC Depth to Water 9.19 Depth to Product NA Product Thickness NA
 Total Casing Depth 55.5 Well Diameter 2" Approx. Pump Depth 49.51 Feet
 Screen Interval top 45.5 bottom 55.5 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1010 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)
1015	7.27	0.451	16.58	0.7	300	9.19	0.00	3.33	107.0
1020	7.17	0.440	15.85	0.6	300	9.15	0.04	3.00	136.8
1025	7.15	0.441	15.09	0.2	300	9.10	0.00	2.99	147.7
1030	7.18	0.448	15.46	2.0	300	9.05	0.05	1.68	136.8
1035	6.95	0.446	15.56	2.2	300	9.10	0.05	0.40	-54.8
1040	6.96	0.668	15.51	2.2	300	9.10	0.00	0.31	-61.9
1045	6.97	0.667	15.47	2.2	300	9.10	0.00	0.28	-64.3

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

Final:
 Time 1045 pH 6.97 SC 0.667 Temp 15.47 Turb. 2.2 Flow Rate 300 DTW 9.10 Drawdown 0.00 DO 0.28 ORP -64.3

Comments: _____

Calibration: pH Calibration Buffers: 7 10 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 31 (55.5) 8/14/19 Time 1045

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs 3/9 L Dissolved Gasses _____

TOC + NO₃ _____ VFA _____

Fe/Mn _____ DHC _____

Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW-31(98.5)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/14/19 Start Time 0910 Weather Sunny 71°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 15.75 Depth to Product NA Product Thickness NA
 Total Casing Depth 98.5 Well Diameter 2" Approx. Pump Depth 93-95 Feet
 Screen Interval top 88.5 bottom 98.5 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	7.68	0.709	19.42	1.2	200	15.74	0.04	1.34	-73.0
0925	7.21	0.710	19.01	1.3	200	15.75	0.01	1.34	-73.2
0930	7.21	0.709	19.50	1.1	200	15.75	0.00	1.34	-75.6
0935	7.20	0.709	20.37	0.8	200	15.75	0.00	1.02	-99.5
0940	7.20	0.716	20.81	0.7	200	15.75	0.00	1.00	-90.5
0945	7.22	0.721	20.97	1.0	200	15.75	0.00	1.41	-81.6

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

Final:
 Time 0945 pH 7.22 SC 0.721 Temp 20.97 Turb. 1.0 Flow Rate 200 DTW 15.75 Drawdown 0.00 DO 1.41 ORP -81.0

Comments: Replicate Included

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW-31(98.5)-G081419 Time 0945

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs 31a 1 Dissolved Gases _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

MS/MSD _____ Blind Dup _____ Blind Dup Name ATR-MW-31(98.5)-TB-670814192

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 31 (139.2)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel R.L.H. Date 8/14/19 Start Time 10:55 Weather Sunny 77

MEASUREMENT SUMMARY:

Measuring Point DC Depth to Water 22.10 Depth to Product NA Product Thickness NA
 Total Casing Depth 139.2 Well Diameter 2" Approx. Pump Depth 133-135 Feet
 Screen Interval top 129.2 bottom 139.2 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

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)
1110	7.35	0.637	21.0	95.2	100	27.08	0.02	0.78	-17.0
1115	7.28	0.651	20.85	49.3	100	27.08	0.00	0.65	-97.9
1120	7.28	0.651	21.22	44.3	100	27.08	0.00	0.57	-103.7
1125	7.28	0.655	20.95	40.2	100	27.08	0.00	0.41	-105.7
1130	7.28	0.657	20.51	24.8	100	27.08	0.00	0.34	-115.7
1135	7.27	0.653	21.07	17	100	27.08	0.00	0.27	-119.5
1140	7.27	0.653	21.07	17.7	100	27.08	0.00	0.23	-119.1
1145	7.27	0.654	21.08	11.4	100	27.08	0.00	0.24	-119.4
1150	7.27	0.656	21.21	11.8	100	27.08	0.00	0.22	-120.0
1155	7.27	0.653	21.40	9.79	100	27.08	0.00	0.21	-121.7

Stabilization Criteria: pH ±3% SC ±3% Temp ±10% Turb. ±10% DO ±10% ORP ±10%

Final: Time 1155 pH 7.27 SC 0.653 Temp 21.40 Turb. 9.79 Flow Rate 100 DTW 27.08 Drawdown 0.00 DO 0.21 ORP -121.7

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 2.29 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name ATR-MW 31(139.2)-G001419 Time 1155
 Analyses (check) Bottle #/Type Preservative
 VOCs 3/9 _____ Dissolved Gases _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____
 Other: _____ Other: _____
 MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 22(89)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/15/19 Start Time 0915 Weather overcast 70s

MEASUREMENT SUMMARY:
 Measuring Point _____ Depth to Water 35.43 Depth to Product NA Product Thickness NA
 Total Casing Depth 89 Well Diameter 2" Approx. Pump Depth 85 Feet
 Screen Interval top 84 bottom 89 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0920 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)
<u>0925</u>	<u>7.09</u>	<u>0.649</u>	<u>13.78</u>	<u>0.0</u>	<u>0.50</u>	<u>35.45</u>	<u>0.00</u>	<u>4.95</u>	<u>-115</u>
<u>0930</u>	<u>6.99</u>	<u>0.653</u>	<u>13.91</u>	<u>0.0</u>	<u>0.50</u>	<u>35.45</u>	<u>0.00</u>	<u>1.79</u>	<u>-131</u>
<u>0935</u>	<u>6.97</u>	<u>0.662</u>	<u>13.38</u>	<u>0.0</u>	<u>0.50</u>	<u>35.45</u>	<u>0.00</u>	<u>1.00</u>	<u>-167</u>
<u>0940</u>	<u>6.98</u>	<u>0.665</u>	<u>13.36</u>	<u>0.0</u>	<u>0.50</u>	<u>35.45</u>	<u>0.00</u>	<u>1.09</u>	<u>-170</u>
0945	6.99	0.666	13.37	0.0	0.50	35.45	0.00	1.00	-170
<u>0950</u>	<u>7.00</u>	<u>0.668</u>	<u>13.30</u>	<u>0.0</u>	<u>0.50</u>	<u>35.45</u>	<u>0.00</u>	<u>1.01</u>	<u>-174</u>

(GS) 8/15/19 09:45

Stabilization Criteria: $\pm 3\%$ $\pm 3\%$ ± 10 $\pm 10\%$ ± 10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>0950</u>	<u>7.00</u>	<u>0.668</u>	<u>13.30</u>	<u>0.0</u>	<u>0.50</u>	<u>35.45</u>	<u>0.00</u>	<u>1.01</u>	<u>-174</u>

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 205 mV
 SC Reference Solution 4.99 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 22(89)-G081519 Time 0950

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	_____	_____	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>	_____	_____		_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW30(110)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/15/55 Start Time 0800 Weather fog 70°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 35.44 Depth to Product NA Product Thickness NA
 Total Casing Depth 110 Well Diameter 2" Approx. Pump Depth 107 Feet
 Screen Interval top 105 bottom 110 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0835 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)
<u>0840</u>	<u>6.38</u>	<u>0.633</u>	<u>15.46</u>	<u>0.0</u>	<u>250</u>	<u>35.44</u>	<u>0.0</u>	<u>4.21</u>	<u>-180.7</u>
<u>0845</u>	<u>6.38</u>	<u>0.639</u>	<u>14.69</u>	<u>0.0</u>	<u>250</u>	<u>35.44</u>	<u>0.0</u>	<u>4.71</u>	<u>-174.0</u>
<u>0850</u>	<u>6.63</u>	<u>0.639</u>	<u>14.64</u>	<u>0.0</u>	<u>250</u>	<u>35.44</u>	<u>0.0</u>	<u>8.05</u>	<u>-136.2</u>
<u>0855</u>	<u>6.63</u>	<u>0.630</u>	<u>14.63</u>	<u>0.0</u>	<u>250</u>	<u>35.44</u>	<u>0.0</u>	<u>1.85</u>	<u>-146.2</u>
<u>0900</u>	<u>6.68</u>	<u>0.631</u>	<u>14.59</u>	<u>0.0</u>	<u>250</u>	<u>35.44</u>	<u>0.0</u>	<u>1.05</u>	<u>-157.2</u>
<u>0905</u>	<u>6.70</u>	<u>0.633</u>	<u>14.56</u>	<u>0.0</u>	<u>250</u>	<u>35.44</u>	<u>0.0</u>	<u>1.03</u>	<u>-154.2</u>
<u>0910</u>	<u>6.71</u>	<u>0.633</u>	<u>14.55</u>	<u>0.0</u>	<u>250</u>	<u>35.44</u>	<u>0.0</u>	<u>1.59</u>	<u>-156.4</u>

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

Final:
 Time 0910 pH 6.71 SC 0.633 Temp 14.55 Turb. 0.0 Flow Rate 250 DTW 35.44 Drawdown 0.0 DO 1.59 ORP -156.4

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 207 mV
 SC Reference Solution 4.99 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW30(110)-G081519 Time 0910

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>G</u>	_____	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 32(24.1)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/15/19 Start Time 0555 Weather overcast fog

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 20.22 Depth to Product NA Product Thickness NA
 Total Casing Depth 24.11 Well Diameter 8" Approx. Pump Depth 23 Feet
 Screen Interval top 19 bottom 24 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1000 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)
1005	7.16	0.420	12.45	13.1	250	20.24	0.02	6.65	-99.4
1010	7.32	0.359	12.37	2.2	250	20.26	1.04	6.67	-104.2
1015	7.34	0.337	12.35	0.0	250	20.27	0.05	6.69	-106.7
1020	7.36	0.335	12.36	0.0	250	20.30	0.08	6.70	-106.8
1025	7.36	0.334	12.38	0.0	250	20.31	0.09	6.70	-106.8
1030	7.38	0.332	12.38	0.0	250	20.32	0.10	6.71	-107.1

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

Final:
 Time 1030 pH 7.38 SC 0.332 Temp 12.38 Turb. 0.0 Flow Rate 250 DTW 20.32 Drawdown 0.10 DO 6.71 ORP 107.1

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 205 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 32(24.1) 3081519 Time 1030

Analyses (check) VOCs <input checked="" type="checkbox"/> TOC + NO ₃ <input type="checkbox"/> Fe/Mn <input type="checkbox"/> Other: <input type="checkbox"/>	Bottle #/Type	Preservative	Dissolved Gasses <input type="checkbox"/> VFA <input type="checkbox"/> DHC <input type="checkbox"/> Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/> Other: <input type="checkbox"/>	Bottle #/Type	Preservative
	<u>G1</u>	<u>None</u>			

Bottle Type: G = Glass P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

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 34(110)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/15/19 Start Time 0900 Weather overcast 65°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 25.44 Depth to Product NA Product Thickness NA
 Total Casing Depth 110 Well Diameter 24 Approx. Pump Depth 106-108 Feet
 Screen Interval top 105 bottom 110 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0905 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)
0910	7.34	0.797	16.85	1.9	200	25.44	0.0	3.17	191.4
0915	7.26	0.793	17.13	1.8	200	25.43	0.0	3.80	189.1
0920	7.21	0.799	16.82	0.9	200	25.43	0.0	1.17	150.4
0925	7.21	0.797	16.82	0.3	200	25.43	0.0	1.05	158.7
0930	7.17	0.805	16.29	0.1	200	25.43	0.0	0.39	49.9
0935	7.16	0.808	15.81	0.9	200	25.43	0.0	0.23	-8.9
0940	7.17	0.808	15.74	2.1	200	25.43	0.0	0.19	-31.3
0945	7.17	0.807	15.79	2.2	200	25.43	0.0	0.21	-34.1
0950	7.18	0.807	16.00	2.3	200	25.43	0.0	0.19	-29.0
0955	7.18	0.807	16.12	2.3	200	25.43	0.0	0.20	-30.6

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0950	7.18	0.807	16.12	2.3	200	25.43	0.0	0.20	-30.6

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 34(110) - 8081519 Time 0955

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>3/G</u>	_____	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 34 (37)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel REH Date 8/15/19 Start Time 10:10 Weather Overcast 65°

MEASUREMENT SUMMARY:
 Measuring Point IDC Depth to Water 25.41 Depth to Product NA Product Thickness NA
 Total Casing Depth 37 Well Diameter 2" Approx. Pump Depth 34-36 Feet
 Screen Interval top _____ bottom 37 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 10:15 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)
1020	7.22	0.849	13.95	5.6	400	25.41	0.0	3.14	76.5
1025	7.20	0.849	13.96	7.8	400	25.41	0.0	2.90	80.0
1030	7.19	0.859	13.52	28.9	400	25.41	0.0	2.59	82.7
1035	7.20	0.871	13.87	14.8	400	25.41	0.0	2.75	86.6
1040	7.22	0.864	13.17	8.6	400	25.41	0.0	2.28	94.4
1045	7.22	0.875	13.23	4.9	400	25.41	0.0	2.26	95.6
1050	7.22	0.877	13.36	6.6	400	25.41	0.0	2.23	97.5

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1050	7.22	0.877	13.36	6.6	400	25.41	0.0	2.23	97.5

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.00 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 34 (37) - 0081519 Time 1050

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	_____	_____	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	_____	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 34 (85)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/15/19 Start Time 0800 Weather overcast 65°

MEASUREMENT SUMMARY:

Measuring Point 10C Depth to Water 25.41 Depth to Product NA Product Thickness NA
 Total Casing Depth 85 Well Diameter 21 Approx. Pump Depth 82-84 Feet
 Screen Interval top 80 bottom 85 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0820 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)
0825	6.81	0.910	15.22	4.6	200	25.41	0.0	1.43	210.9
0830	6.92	0.975	14.47	4.0	200	25.41	0.0	0.47	210.3
0833	6.99	0.955	14.56	4.1	200	25.41	0.0	0.29	208.3
0840	7.00	0.954	14.48	4.6	500	25.41	0.0	0.18	207.4
0845	7.01	0.952	14.38	4.0	200	25.41	0.0	0.17	206.8
0850	7.02	0.945	14.67	3.9	200	25.41	0.0	0.14	206.3

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

Final:
 Time 0850 pH 7.02 SC 0.945 Temp 14.67 Turb. 3.9 Flow Rate 200 DTW 25.41 Drawdown 0.0 DO 0.14 ORP 206.3

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 34(85) - 0081519 Time 0850

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>3/9</u>	_____	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	_____	_____

Dissolved Gasses VFA DHC Alkalinity + Anions (Cl-, SO₄) Other:

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 36(124.5)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/13/19 Start Time 1215 Weather SUN 80S

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 18.45 Depth to Product NA Product Thickness NA
 Total Casing Depth 124.5 Well Diameter 2" Approx. Pump Depth 119 Feet
 Screen Interval top 114 bottom 124 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1220 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)
1225	7.29	0.733	14.84	0.0	200	18.45	0.0	2.20	126.7
1230	7.28	0.733	14.63	0.0	200	18.45	0.0	1.14	116.4
1235	7.24	0.733	14.34	0.0	200	18.47	0.02	0.77	108.7
1240	7.20	0.733	14.18	0.0	200	18.47	0.02	0.60	108.7
1245	7.20	0.733	14.22	0.0	200	18.47	0.02	0.63	106.4
1250	7.19	0.733	14.21	0.0	200	18.47	0.02	0.63	105.7
1255	7.19	0.732	14.20	0.0	200	18.47	0.02	0.65	104.8

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1255	7.19	0.732	14.20	0.0	200	18.47	0.02	0.65	104.8

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration: 225 mV
 SC Reference Solution 4.99 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 36(124.5)-G081319 Time 1255

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>6</u>	_____	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	_____	_____

Dissolved Gasses VFA DHC Alkalinity + Anions (Cl-, SO4) Other:

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW37(23.3)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/13/19 Start Time 10.15 Weather Overcast

MEASUREMENT SUMMARY:

Measuring Point TC Depth to Water 10.01 Depth to Product NA Product Thickness NA
 Total Casing Depth 23.3 Well Diameter 2" Approx. Pump Depth 17-19 Feet
 Screen Interval top 13.3 bottom 23.3 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 10:10 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)
1030	7.08	0.633	14.21	6.9	200	10.09	0	0.24	9.4
1035	7.07	0.637	14.14	9.7	200	10.09	0.0	0.16	-5.0
1040	7.07	0.639	14.07	707.8	300	10.10	0.01	0.14	-3.7
1045	7.07	0.644	14.15	23.6	300	10.10	0.0	0.68	28.2
1050	7.09	0.644	14.10	17.0	500	10.15	0.05	0.16	4.6
1055	7.07	0.644	14.01	58.3	300	10.15	0.0	0.10	-4.2
1100	7.07	0.644	14.00	10.4	300	10.20	0.05	0.11	-21.0
1105	7.07	0.645	14.00	11.9	300	10.20	0.0	0.05	-20.7
1110	7.07	0.645	14.03	9.8	300	10.20	0.0	0.06	-21.4

Stabilization Criteria: pH ±3% Temp ±3% Turb. ±10 DO ±10%

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1110	7.07	0.646	14.03	9.8	300	10.20	0.0	0.06	-21.4

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 2029 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW37(23.3) - G081319 Time 1110

Analyses (check) Bottle #/Type Preservative

VOCs 3 1 Dissolved Gasses _____

TOC + NO₃ _____ VFA _____

Fe/Mn _____ DHC _____

Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

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

Bottle Type: G = Glass P = Poly

Preservative Codes: 1 = HCL 4 = NaOH 2 = HNO₃ 5 = BAC 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW37(70)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/13/19 Start Time 0930 Weather Overcast

MEASUREMENT SUMMARY ^{70C}
 Measuring Point ~~60~~ Depth to Water 8.00 Depth to Product NA Product Thickness NA
 Total Casing Depth 70 Well Diameter 2" Approx. Pump Depth 65 Feet
 Screen Interval top 60 bottom 70 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 0935 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)
<u>0940</u>	<u>7.13</u>	<u>0.755</u>	<u>15.12</u>	<u>1.5</u>	<u>300</u>	<u>8.02</u>		<u>3.10</u>	<u>57.0</u>
<u>0945</u>	<u>7.11</u>	<u>0.760</u>	<u>14.84</u>	<u>1.8</u>	<u>300</u>	<u>8.02</u>	<u>0.0</u>	<u>3.17</u>	<u>84.4</u>
<u>0950</u>	<u>7.11</u>	<u>0.761</u>	<u>14.90</u>	<u>1.9</u>	<u>300</u>	<u>8.03</u>	<u>0.01</u>	<u>3.21</u>	<u>97.8</u>
<u>0955</u>	<u>7.11</u>	<u>0.765</u>	<u>14.91</u>	<u>1.9</u>	<u>300</u>	<u>8.03</u>	<u>0.0</u>	<u>3.25</u>	<u>104.8</u>
<u>1000</u>	<u>7.12</u>	<u>0.767</u>	<u>14.90</u>	<u>2.0</u>	<u>300</u>	<u>8.03</u>	<u>0.0</u>	<u>3.21</u>	<u>117.4</u>
<u>1005</u>	<u>7.12</u>	<u>0.767</u>	<u>14.87</u>	<u>2.0</u>	<u>300</u>	<u>8.03</u>	<u>0.0</u>	<u>3.21</u>	<u>123.2</u>

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>1005</u>	<u>7.12</u>	<u>0.767</u>	<u>14.87</u>	<u>2.0</u>	<u>300</u>	<u>8.03</u>	<u>0.0</u>	<u>3.21</u>	<u>123.2</u>

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 029 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW37(70)-G001319 Time 1005

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>3</u>	<u>1</u>	Dissolved Gasses <input type="checkbox"/>	
TOC + NO ₃ <input type="checkbox"/>			VFA <input type="checkbox"/>	
Fe/Mn <input type="checkbox"/>			DHC <input type="checkbox"/>	
Other: <input type="checkbox"/>			Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>	
MS/MSD _____	Blind Dup _____	Blind Dup Name _____	TB _____	

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 37(98)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/13/19 Start Time 0810 Weather Drizzle 72°F

MEASUREMENT SUMMARY:
 Measuring Point 10C Depth to Water 8.01 Depth to Product NA Product Thickness NA
 Total Casing Depth 98 Well Diameter 2" Approx. Pump Depth 92-94 Feet
 Screen Interval top 88 bottom 78 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0835 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)
0845	6.99	0.821	17.76	0.3	100	8.04	0.	4.10	151.7
0850	7.08	0.775	17.88	0.2	100	8.04	0.0	2.37	40.7
0865	7.13	0.720	18.17	0.8	100	8.05	0.01	1.33	-37.7
0900	7.14	0.709	18.32	1.3	100	8.05	0.0	0.91	-9.7
0905	7.16	0.706	18.43	1.7	100	8.05	0.0	0.56	-22.3
0910	7.17	0.703	18.51	1.8	100	8.05	0.0	0.54	-26.6
0915	7.18	0.701	18.50	1.9	100	8.05	0.0	0.54	-29.7

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

Final:
 Time 0915 pH 7.18 SC 0.701 Temp 18.50 Turb. 1.9 Flow Rate 100 DTW 8.05 Drawdown 0.0 DO 0.54 ORP -29.7

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.99 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW37(98)-G081319 Time 0915

Analyses (check) Bottle #/Type Preservative VOCs <input checked="" type="checkbox"/> <u>3</u> <u>1</u> Dissolved Gasses <input type="checkbox"/> _____ TOC + NO ₃ <input type="checkbox"/> _____ VFA <input type="checkbox"/> _____ Fe/Mn <input type="checkbox"/> _____ DHC <input type="checkbox"/> _____ Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/> _____ Other: <input type="checkbox"/> _____ Other: <input type="checkbox"/> _____ MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____	Bottle Type: G = Glass P = Poly Preservative Codes: 1 = HCL 4 = NaOH 2 = HNO ₃ 5 = BAC 3 = H ₂ SO ₄ 6 = Na ₃ PO ₄
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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 38(20.8)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/13/19 Start Time 1128 Weather Overcast 70s

MEASUREMENT SUMMARY:
 Measuring Point DLC Depth to Water 8.07 Depth to Product NA Product Thickness NA
 Total Casing Depth 20.8 Well Diameter 2" Approx. Pump Depth 16 Feet
 Screen Interval top 10 bottom 20 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1135 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)
<u>1140</u>	<u>7.15</u>	<u>0.593</u>	<u>14.91</u>	<u>74.0</u>	<u>250</u>	<u>8.06</u>	<u>0.04</u>	<u>0.39</u>	<u>83.0</u>
<u>1145</u>	<u>7.05</u>	<u>0.582</u>	<u>14.93</u>	<u>22.0</u>	<u>250</u>	<u>8.07</u>	<u>0.05</u>	<u>0.35</u>	<u>84.1</u>
<u>1150</u>	<u>7.05</u>	<u>0.581</u>	<u>14.25</u>	<u>5.9</u>	<u>250</u>	<u>8.07</u>	<u>0.05</u>	<u>0.34</u>	<u>78.1</u>
<u>1155</u>	<u>7.06</u>	<u>0.570</u>	<u>14.20</u>	<u>5.7</u>	<u>250</u>	<u>8.08</u>	<u>0.06</u>	<u>0.24</u>	<u>75.0</u>
<u>1200</u>	<u>7.05</u>	<u>0.570</u>	<u>14.01</u>	<u>5.5</u>	<u>250</u>	<u>8.08</u>	<u>0.06</u>	<u>0.20</u>	<u>74.1</u>

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

Final:
 Time 1200 pH 7.05 SC 0.570 Temp 14.01 Turb. 5.5 Flow Rate 250 DTW 8.08 Drawdown 0.06 DO 0.20 ORP 74.1

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 205 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 38(20.8)-6081719 Time 1200
 Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs 6 _____ _____ _____ _____
 TOC + NO₃ _____ _____ _____ _____
 Fe/Mn _____ _____ _____ _____
 Alkalinity + Anions (Cl-, SO₄) _____ _____
 Other: _____ _____ Other: _____ _____
 MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly

 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 38 (69.9)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/13/19 Start Time 0950 Weather overcast / 70s

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 7.46 Depth to Product NA Product Thickness NA
 Total Casing Depth 69.9 Well Diameter _____ Approx. Pump Depth 65 Feet
 Screen Interval top 60 bottom 70 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 0950 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)
<u>0955</u>	<u>7.33</u>	<u>0.710</u>	<u>13.17</u>	<u>0</u>	<u>300*</u>	<u>8.59</u>	<u>1.13</u>	<u>5.64</u>	<u>170.9</u>
<u>1006</u>	<u>7.38</u>	<u>0.706</u>	<u>13.95</u>	<u>0</u>	<u>200</u>	<u>8.61</u>	<u>1.15</u>	<u>4.56</u>	<u>178.0</u>
<u>1005</u>	<u>7.36</u>	<u>0.708</u>	<u>13.93</u>	<u>0</u>	<u>200</u>	<u>8.63</u>	<u>1.17</u>	<u>4.32</u>	<u>176.4</u>
<u>1010</u>	<u>7.44</u>	<u>0.704</u>	<u>13.95</u>	<u>0</u>	<u>200</u>	<u>8.62</u>	<u>1.17</u>	<u>4.17</u>	<u>171.9</u>
<u>1015</u>	<u>7.32</u>	<u>0.746</u>	<u>14.46</u>	<u>0</u>	<u>200</u>	<u>8.63</u>	<u>1.17</u>	<u>3.31</u>	<u>120.4</u>
<u>1020</u>	<u>7.21</u>	<u>0.749</u>	<u>14.48</u>	<u>0</u>	<u>200</u>	<u>8.63</u>	<u>1.17</u>	<u>2.23</u>	<u>114.9</u>
<u>1025</u>	<u>7.20</u>	<u>0.748</u>	<u>14.50</u>	<u>0</u>	<u>200</u>	<u>8.64</u>	<u>1.18</u>	<u>2.19</u>	<u>110.6</u>
<u>1030</u>	<u>7.30</u>	<u>0.748</u>	<u>14.51</u>	<u>0</u>	<u>200</u>	<u>8.64</u>	<u>1.18</u>	<u>2.18</u>	<u>108.4</u>

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

Final:
 Time 1030 pH 7.30 SC 0.748 Temp 14.51 Turb. 0 Flow Rate 200 DTW 8.64 Drawdown 1.18 DO 2.18 ORP 108.4

Comments: * Dropped flow rate to 200
* Replicate ATR-MW38(69.9)-6081319R

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 225 mV
 SC Reference Solution 11.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW38 (69.9) - 6081319 Time 1030

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>0</u>	_____	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	_____	_____

Dissolved Gasses VFA DHC Alkalinity + Anions (Cl-, SO₄) Other:

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

MS/MSD _____ Blind Dup _____ Blind Dup Name ATR-MW38(69.9) 6081319R

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW-38(102.5)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel COS Date 8/13/19 Start Time 0850 Weather Overcast 70s

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 7.48 Depth to Product NA Product Thickness NA
 Total Casing Depth 102 Well Diameter 2" Approx. Pump Depth 96.5 Feet
 Screen Interval top 92 bottom 102 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 0855 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)
0900	6.12	0.837	15.32	0.0	250	7.48	0.0	2.88	56.2
0905	6.34	0.708	15.27	0.0	250	7.48	0.0	1.91	63.9
0910	6.73	0.745	15.18	0.0	250	7.48	0.0	1.86	50.3
0915	6.74	0.700	14.61	0.0	250	7.48	0.0	1.86	59.0
0920	6.75	0.705	14.63	0.0	250	7.48	0.0	1.85	55.1
0925	6.78	0.704	14.65	0.0	250	7.48	0.0	1.86	57.5
0930	6.79	0.704	14.67	0.0	250	7.48	0.0	1.88	58.4

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

Final:
 Time 0930 pH 6.79 SC 0.704 Temp 14.67 Turb. 0.0 Flow Rate 250 DTW 7.48 Drawdown 0.0 DO 1.88 ORP 58.4

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 38(102.5)-4081319 Time 0930

Analyses (check) Bottle #/Type Preservative

VOCs VOC AC Dissolved Gases _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW39(13)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/18/19 Start Time 1320 Weather OVERCAST

MEASUREMENT SUMMARY:
 Measuring Point TC Depth to Water 4.01 Depth to Product NA Product Thickness NA
 Total Casing Depth 13 Well Diameter 2" Approx. Pump Depth 10-12 Feet
 Screen Interval top 8 bottom 13 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1320 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)
<u>1325</u>	<u>7.09</u>	<u>0.905</u>	<u>19.42</u>	<u>0.9</u>	<u>300</u>	<u>5.21</u>		<u>2.92</u>	<u>89.9</u>
<u>1330</u>	<u>7.08</u>	<u>0.911</u>	<u>18.78</u>	<u>0.5</u>	<u>300</u>	<u>5.21</u>	<u>0.4</u>	<u>2.48</u>	<u>93.7</u>
<u>1335</u>	<u>7.00</u>	<u>0.935</u>	<u>18.3</u>	<u>1.3</u>	<u>300</u>	<u>5.31</u>	<u>0.1</u>	<u>1.39</u>	<u>114.9</u>
<u>1340</u>	<u>6.95</u>	<u>0.961</u>	<u>17.70</u>	<u>1.5</u>	<u>300</u>	<u>5.35</u>	<u>0.04</u>	<u>0.69</u>	<u>125.0</u>
<u>1345</u>	<u>6.92</u>	<u>0.975</u>	<u>16.16</u>	<u>0.7</u>	<u>300</u>	<u>5.29</u>	<u>0.07</u>	<u>0.50</u>	<u>141.2</u>
<u>1350</u>	<u>6.92</u>	<u>0.976</u>	<u>15.97</u>	<u>0.9</u>	<u>300</u>	<u>5.28</u>	<u>0.01</u>	<u>0.19</u>	<u>143.2</u>
<u>1355</u>	<u>6.91</u>	<u>0.975</u>	<u>15.54</u>	<u>3.0</u>	<u>300</u>	<u>5.29</u>	<u>0.01</u>	<u>0.09</u>	<u>151.8</u>
<u>1400</u>	<u>6.91</u>	<u>0.975</u>	<u>15.86</u>	<u>3.8</u>	<u>300</u>	<u>5.29</u>	<u>0.0</u>	<u>0.09</u>	<u>159.0</u>

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>1400</u>	<u>6.91</u>	<u>0.975</u>	<u>15.86</u>	<u>3.8</u>	<u>300</u>	<u>5.29</u>	<u>0.0</u>	<u>0.09</u>	<u>159.0</u>

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 1.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW39(13)-G081319 Time 1400

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	_____	_____	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
MS/MSD <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



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 39(29.3)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/13/19 Start Time 1220 Weather OVERCAST

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 5.00 Depth to Product NA Product Thickness NA
 Total Casing Depth 29.3 Well Diameter 2" Approx. Pump Depth 253 Feet
 Screen Interval top 19.3 bottom 29.3 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1225 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)
1235	7.23	0.778	16.72	3.1	300	5.00		0.57	-58.0
1240	7.16	0.781	16.77	18.8	300	4.99	0.01	0.20	-75.4
1245	7.17	0.782	15.90	3.1	300	4.99	0.0	0.20	-85.4
1250	7.15	0.786	16.67	26.5	300	4.71	0.28	0.12	-85.5
1255	7.13	0.786	16.17	25.9	300	4.70	0.01	0.13	-86.3
1300	7.14	0.782	14.32	17.1	300	4.70	0.0	0.43	-72.3
1305	7.12	0.783	14.81	16.3	300	4.72	0.02	0.49	-67.4
1310	7.12	0.780	14.87	9.4	300	4.72	2.0	0.40	-67.8
1315									

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1310	7.12	0.780	14.87	9.4	300	4.72	0.0	0.40	-67.8

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 39(29.3)-G081319 Time 1310

Analyses (check) Bottle #/Type Preservative VOCs <input checked="" type="checkbox"/> <u>3/G</u> <u>1</u> Dissolved Gasses <input type="checkbox"/> TOC + NO ₃ <input type="checkbox"/> _____ _____ VFA <input type="checkbox"/> Fe/Mn <input type="checkbox"/> _____ _____ DHC <input type="checkbox"/> _____ _____ Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/> Other: <input type="checkbox"/> _____ Other: <input type="checkbox"/> _____	Bottle Type: G = Glass P = Poly Preservative Codes: 1 = HCL 4 = NaOH 2 = HNO ₃ 5 = BAC 3 = H ₂ SO ₄ 6 = Na ₃ PO ₄
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MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____



**GROUNDWATER/SURFACE WATER
 SAMPLING FORM**

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW59(46)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel PUT Date 8/22/19 Start Time 0820 Weather overcast 69°

MEASUREMENT SUMMARY:
 Measuring Point TDC Depth to Water 13.96 Depth to Product NA Product Thickness NA
 Total Casing Depth 46 Well Diameter 24 Approx. Pump Depth 42-44 Feet
 Screen Interval top _____ bottom 46 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0835 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)
0840	6.36	0.466	15.14	15.8	200	13.95	0.01	0.58	163.8
0845	6.62	0.441	14.97	9.1	200	13.93	0.02	0.46	132.4
0850	6.83	0.428	14.86	3.6	200	13.91	0.02	0.37	101.7
0855	6.98	0.423	14.98	1.6	200	13.91	0.00	0.43	41.8
0900	7.03	0.423	15.18	0.1	200	13.92	0.02	0.43	20.9
0905	7.05	0.422	15.21	0.1	200	13.92	0.00	0.43	6.1
0910	7.08	0.423	14.98	0.3	200	13.92	0.00	0.45	-14.7
0915	7.12	0.423	14.90	3.4	200	13.92	0.00	0.49	-38.2
0920	7.13	0.423	14.91	3.4	200	13.92	0.00	0.51	-40.2
0925	7.11	0.423	14.84	3.4	200	13.92	0.00	0.50	-40.3

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

Final:
 Time 0925 pH 7.11 SC 0.423 Temp 14.84 Turb. 3.4 Flow Rate 200 DTW 13.92 Drawdown 0.00 DO 0.50 ORP -43.3

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.47 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW59(46)-3002219 Time 0925 Bottle Type:

Analyses (check): VOCs <input checked="" type="checkbox"/> Bottle #/Type <u>316</u> Preservative <u>1</u> TOC + NO ₃ <input type="checkbox"/> _____ Fe/Mn <input type="checkbox"/> _____	Bottle #/Type Preservative _____ Dissolved Gasses <input type="checkbox"/> _____ VFA <input type="checkbox"/> _____ DHC <input type="checkbox"/> _____ Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/> _____
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Other: _____ Other: _____
 MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 35(45)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel RLH Date 8/14/19 Start Time 1400 Weather Sunny 85

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 29.45 Depth to Product NA Product Thickness NA
Total Casing Depth 45 Well Diameter 2" Approx. Pump Depth 40-42 Feet
Screen Interval top 35 bottom 45 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1410 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)
1415	7.19	0.548	14.64	1.0	200	29.45	0.00	0.47	190.7
1420	7.08	0.548	14.38	0.9	200	29.45	0.00	0.35	200.09
1425	7.07	0.546	14.24	0.9	200	29.45	0.00	0.28	206.0
1430	7.00	0.547	13.95	1.2	200	29.45	0.00	0.19	226.3
1435	6.95	0.546	13.71	0.6	200	29.47	0.00	0.13	251.9
1440	6.95	0.548	13.68	1.0	200	29.60	6.03	0.12	257.2
1445	6.95	0.547	13.67	1.1	200	29.50	0.00	0.13	259.2

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1445	6.95	0.547	13.67	1.1	200	29.50	0.00	0.13	259.2

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 35(45)-G081419 Time 1445 Bottle Type: _____

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs 319 _____ _____ _____ _____

TOC + NO₃ _____ _____ _____ _____

Fe/Mn _____ _____ _____ _____

Alkalinity + Anions (Cl-, SO₄) _____ _____

Other: _____ Other: _____

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

G = Glass
P = Poly
Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄



GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 35(90)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel RLH Date 8/14/19 Start Time 1320 Weather Sunny 83°

MEASUREMENT SUMMARY:

Measuring Point TC Depth to Water 29.40 Depth to Product NA Product Thickness NA
Total Casing Depth 90 Well Diameter 2" Approx. Pump Depth 85.87 Feet
Screen Interval top 80 bottom 90 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
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)
1330	7.22	0.675	16.27	2.0	200	29.41	0.01	3.43	152.9
1335	7.11	0.682	16.13	0.5	200	29.40	0.00	0.66	98.7
1340	7.12	0.608	16.37	1.0	200	29.40	0.00	0.41	73.9
1345	7.11	0.693	16.44	1.4	200	29.40	0.00	0.33	86.3
1350	7.17	0.699	16.33	1.6	200	29.40	0.00	0.33	93.1
1355	7.17	0.699	16.32	1.6	200	29.40	0.00	0.33	96.2

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

Final:
Time 1355 pH 7.17 SC 0.699 Temp 16.32 Turb. 1.6 Flow Rate 200 DTW 29.40 Drawdown 0.00 DO 0.33 ORP -96.2

Comments: ATR-EB001-08/14/19 collected after sampling @ 1400

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-MW 35(90) - 6081419 Time 1355

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	_____	_____	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
			Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>			Other: <input type="checkbox"/>	

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

Bottle Type:
G = Glass
P = Poly
Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄



GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 35(40)-
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RWH Date 8/14/19 Start Time 1230 Weather Sunny 80°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 29.45 Depth to Product NA Product Thickness NA
 Total Casing Depth 148 Well Diameter 2" Approx. Pump Depth 142/144 Feet
 Screen Interval top 138 bottom 148 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 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)
1245	7.29	0.607	16.08	1.5	100	29.42	0.02	0.48	-82.2
1250	7.23	0.605	15.99	2.1	100	29.40	0.02	0.23	-80.2
1255	7.21	0.605	16.06	1.3	100	29.40	0.00	0.19	-82.7
1300	7.20	0.606	16.13	1.2	100	29.40	0.00	0.15	-89.5
1305	7.10	0.609	15.87	1.3	100	29.40	0.00	0.14	-89.6
1310	7.19	0.609	15.80	1.4	100	29.40	0.00	0.14	-89.2

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1310	7.19	0.609	15.80	1.4	100	29.40	0.00	0.14	-89.2

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 35(40)-0081419 Time 1310

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs 3/9 Dissolved Gasses _____ _____

TOC + NO₃ _____ _____ _____

Fe/Mn _____ _____ _____

Alkalinity + Anions (Cl-, SO₄) _____ _____

Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 36 (35.2)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/13/19 Start Time 1350 Weather sun 80°

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 18.51 Depth to Product NA Product Thickness NA
 Total Casing Depth 335.2 Well Diameter 2" Approx. Pump Depth 30 Feet
 Screen Interval top 25 bottom 35 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1355 Pump Stopped _____ Total Gallons _____

1400

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)
1355	7.14	0.892	16.06	195.2	250	18.51	0.0	0.96	70.5
1405	7.08	0.920	15.70	142.1	250	18.51	0.0	0.106	72.9
1410	7.08	0.920	16.01	111.9	250	18.51	0.0	0.69	70.4
1415	7.11	0.925	15.94	57.7	250	18.51	0.0	0.58	64.3
1420	7.13	0.928	15.92	48.2	250	18.51	0.0	0.58	66.8
1425	7.12	0.930	15.92	41.6	250	18.51	0.0	0.56	68.4
1430	7.11	0.932	15.96	19.1	250	18.51	0.0	0.55	69.6
1435	7.12	0.930	15.89	7.2	250	18.51	0.0	0.54	72.4
1440	7.12	0.929	15.88	8.9	250	18.51	0.0	0.53	75.6

Stabilization Criteria: pH ±3% SC ±3% Temp ±3% Turb. ±10% DO ±10% ORP ±10%

Final:
 Time 1440 pH 7.12 SC 0.929 Temp 15.88 Turb. 8.9 Flow Rate 250 DTW 18.51 Drawdown 0.0 DO 0.53 ORP 75.6

Comments: * EBCO 1 taken after well sampled @ 1455

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 36 (35.2) - 608127 Time 1440
 Analyses (check) Bottle #/Type Preservative
 VOCs G NA Dissolved Gases _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____
 Other: _____ Other: _____
 MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 36 (92.4)
 Project Number 3359-15-1040 Date 8/13/19 Start Time 1300 Weather SUN 80s
 Sampling Personnel GS (Use: Well name)

MEASUREMENT SUMMARY:

Measuring Point YOL Depth to Water 18.57 Depth to Product MA Product Thickness MA
 Total Casing Depth 92.4 Well Diameter 2" Approx. Pump Depth 86 Feet
 Screen Interval top 82 bottom 92 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1310 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)
<u>1315</u>	<u>7.19</u>	<u>0.796</u>	<u>15.53</u>	<u>0.0</u>	<u>250</u>	<u>18.61</u>	<u>0.02</u>	<u>1.23</u>	<u>98.8</u>
<u>1320</u>	<u>7.16</u>	<u>0.812</u>	<u>15.21</u>	<u>0.0</u>	<u>250</u>	<u>18.61</u>	<u>0.02</u>	<u>0.69</u>	<u>91.2</u>
<u>1325</u>	<u>7.12</u>	<u>0.815</u>	<u>15.18</u>	<u>0.0</u>	<u>250</u>	<u>18.61</u>	<u>0.02</u>	<u>0.48</u>	<u>86.3</u>
<u>1330</u>	<u>7.10</u>	<u>0.815</u>	<u>15.18</u>	<u>0.0</u>	<u>250</u>	<u>18.61</u>	<u>0.02</u>	<u>0.47</u>	<u>81.5</u>
<u>1335</u>	<u>7.08</u>	<u>0.814</u>	<u>15.09</u>	<u>0.0</u>	<u>250</u>	<u>18.61</u>	<u>0.02</u>	<u>0.45</u>	<u>75.7</u>
<u>1340</u>	<u>7.09</u>	<u>0.815</u>	<u>15.09</u>	<u>0.0</u>	<u>250</u>	<u>18.61</u>	<u>0.02</u>	<u>0.44</u>	<u>72.4</u>

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

Final:
 Time 1346 pH 7.09 SC 0.815 Temp 15.09 Turb. 0.0 Flow Rate 250 DTW 18.61 Drawdown 0.02 DO 0.44 ORP 72.4

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 36 (92.4) - 6081319 Time 1346

Analyses (check) VOCs <input type="checkbox"/> TOC + NO ₃ <input type="checkbox"/> Fe/Mn <input type="checkbox"/> Other: <input type="checkbox"/>	Bottle #/Type Preservative _____ _____ _____ _____	Dissolved Gasses <input type="checkbox"/> VFA <input type="checkbox"/> DHC <input type="checkbox"/> Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/> Other: <input type="checkbox"/>	Bottle #/Type Preservative _____ _____ _____ _____	Bottle Type: G = Glass P = Poly Preservative Codes: 1 = HCL 4 = NaOH 2 = HNO ₃ 5 = BAC 3 = H ₂ SO ₄ 6 = Na ₃ PO ₄
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MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TES Rochester Surface Water Groundwater Sample ID ATR-MW45(185)
 Project Number 3359-15-1040 Date 8/16/19 Start Time 1000 (Use: Well name)
 Sampling Personnel CS Weather SUN 70S

MEASUREMENT SUMMARY:
 Measuring Point TOL Depth to Water 27.70 Depth to Product NA Product Thickness NA
 Total Casing Depth 185 Well Diameter 279 Approx. Pump Depth 184 Feet
 Screen Interval top bottom 184 Feet

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

Pump Started 1010 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)
<u>1015</u>	<u>7.11</u>	<u>0.553</u>	<u>18.56</u>	<u>0.0</u>	<u>200</u>	<u>27.70</u>	<u>0.0</u>	<u>1.14</u>	<u>25.3</u>
<u>1020</u>	<u>7.10</u>	<u>0.556</u>	<u>17.95</u>	<u>0.0</u>	<u>200</u>	<u>27.70</u>	<u>0.0</u>	<u>0.58</u>	<u>1.2</u>
<u>1025</u>	<u>7.11</u>	<u>0.554</u>	<u>17.77</u>	<u>0.0</u>	<u>200</u>	<u>27.70</u>	<u>0.0</u>	<u>0.53</u>	<u>-3.9</u>
<u>1030</u>	<u>7.13</u>	<u>0.556</u>	<u>17.79</u>	<u>0.0</u>	<u>200</u>	<u>27.70</u>	<u>0.0</u>	<u>0.51</u>	<u>-9.4</u>
<u>1035</u>	<u>7.14</u>	<u>0.557</u>	<u>17.79</u>	<u>0.0</u>	<u>200</u>	<u>27.70</u>	<u>0.0</u>	<u>0.50</u>	<u>-13.4</u>
<u>1040</u>	<u>7.15</u>	<u>0.557</u>	<u>17.78</u>	<u>0.0</u>	<u>200</u>	<u>27.90</u>	<u>0.0</u>	<u>0.50</u>	<u>-17.1</u>

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>1040</u>	<u>7.15</u>	<u>0.553</u>	<u>17.78</u>	<u>0.0</u>	<u>200</u>	<u>27.70</u>	<u>0.0</u>	<u>0.50</u>	<u>-17.1</u>

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 239 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW45(185)-6081619 Time 1040
 Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs 6 HCl Dissolved Gases _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl⁻, SO₄) _____
 Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUNDWATER/SURFACE WATER SAMPLING FORM

Wood Environment & Infrastructure Solutions, Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW48(159)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/15/19 Start Time 1345 Weather _____

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 26.71 Depth to Product NA Product Thickness NA
 Total Casing Depth 159 Well Diameter 5.1 Approx. Pump Depth 156 Feet
 Screen Interval top bottom Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1350 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)
<u>1355</u>	<u>7.43</u>	<u>0.670</u>	<u>13.29</u>	<u>0.0</u>	<u>250</u>	<u>26.84</u>	<u>0.13</u>	<u>1.76</u>	<u>58.0</u>
<u>1400</u>	<u>7.40</u>	<u>0.675</u>	<u>13.30</u>	<u>0.0</u>	<u>250</u>	<u>26.84</u>	<u>0.19</u>	<u>1.14</u>	<u>49.4</u>
<u>1405</u>	<u>7.59</u>	<u>0.675</u>	<u>14.10</u>	<u>0.0</u>	<u>200</u>	<u>26.85</u>	<u>0.22</u>	<u>1.80</u>	<u>48.6</u>
<u>1410</u>	<u>7.61</u>	<u>0.673</u>	<u>14.58</u>	<u>0.0</u>	<u>200</u>	<u>26.85</u>	<u>0.18</u>	<u>1.80</u>	<u>40.1</u>
<u>1415</u>	<u>7.63</u>	<u>0.673</u>	<u>14.59</u>	<u>0.0</u>	<u>200</u>	<u>26.83</u>	<u>0.22</u>	<u>1.80</u>	<u>35.7</u>
<u>1420</u>	<u>7.64</u>	<u>0.678</u>	<u>14.61</u>	<u>0.0</u>	<u>200</u>	<u>26.94</u>	<u>0.23</u>	<u>0.58</u>	<u>30.2</u>
<u>1425</u>	<u>7.64</u>	<u>0.679</u>	<u>14.62</u>	<u>0.0</u>	<u>200</u>	<u>26.96</u>	<u>0.25</u>	<u>0.55</u>	<u>30.2</u>

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

Final:
 Time 1425 pH 7.64 SC 0.679 Temp 14.62 Turb. 0.0 Flow Rate 200 DTW 26.96 Drawdown 0.25 DO 0.55 ORP 30.2

Comments: * Dropped flow to 200
* ATR-MW48(159)-G081519R taken @ 1425

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 200 mV
 SC Reference Solution 4.149 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW48(159)-G081519 Time 1425

Analyses (check) Bottle #/Type G Preservative WAL Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

MS/MSD _____ Blind Dup ATR-MW48(159)-G081519R Blind Dup Name _____ TB _____

Bottle Type:

G = Glass
P = Poly

Preservative Codes:

1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄



GROUNDWATER/SURFACE WATER SAMPLING FORM
 Wood Environment & Infrastructure Solutions, Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW50(45)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/14/19 Start Time 1125 Weather Sun 80's

MEASUREMENT SUMMARY:
 Measuring Point TRC Depth to Water 7.92 Depth to Product NA Product Thickness NA
 Total Casing Depth 45 Well Diameter 2" Approx. Pump Depth 39 Feet
 Screen Interval top 35 bottom 45 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Baller
 Pump Started 1130 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)
1135	6.95	0.734	13.27	0.0	250	7.88	0.04	1.19	32.1
1140	6.99	0.734	13.20	0.0	250	7.92	0.0	0.56	33.2
1145	7.01	0.736	13.23	0.0	250	7.93	0.01	0.55	33.4
1150	7.02	0.736	13.25	0.0	250	7.93	0.01	0.54	33.8
1155	7.01	0.735	13.19	0.0	250	7.93	0.01	0.53	34.2
1200	7.00	0.734	13.19	0.0	250	7.93	0.01	0.53	34.5

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1200	7.00	0.734	13.19	0.0	250	7.93	0.01	0.53	34.5

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 209 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW50(45)-6081419 Time 1200

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs G Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl⁻, SO₄) _____
 Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 51(25)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/14/19 Start Time 0910 Weather SUN 80's

MEASUREMENT SUMMARY:
 Measuring Point TC Depth to Water 3.69 Depth to Product NA Product Thickness NA
 Total Casing Depth 05 Well Diameter 2" Approx. Pump Depth 21 Feet
 Screen Interval top 15 bottom 25 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 0915 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)
0916	6.76	0.757	15.06	0.0	250	3.69	0.0	1.06	75.0
0925	6.72	0.762	14.84	0.0	250	3.69	0.0	1.55	92.5
0930	6.71	0.764	14.10	0.0	250	3.69	0.0	1.57	98.6
0935	6.70	0.765	14.62	0.0	250	3.67	0.0	1.00	102.1
0940	6.72	0.766	14.64	0.0	250	3.69	0.0	1.61	105.2

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

Final:

Time 0940 pH 6.72 SC 0.766 Temp 14.64 Turb. 0.0 Flow Rate 250 DTW 3.69 Drawdown 0.0 DO 1.61 ORP 105.2

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 0.85 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 51(25)-6108147 Time 0940

Analyses (check) VOCs <input checked="" type="checkbox"/> TOC + NO ₃ <input type="checkbox"/> Fe/Mn <input type="checkbox"/> Other: <input type="checkbox"/>	Bottle #/Type Preservative <u>G</u> _____ _____ _____ _____	Dissolved Gasses <input type="checkbox"/> VFA <input type="checkbox"/> DHC <input type="checkbox"/> Alkalinity + Anions (Cl, SO ₄) <input type="checkbox"/> Other: <input type="checkbox"/>	Bottle #/Type Preservative _____ _____ _____ _____	Bottle Type: G = Glass P = Poly Preservative Codes: 1 = HCL 4 = NaOH 2 = HNO ₃ 5 = BAC 3 = H ₂ SO ₄ 6 = Na ₃ PO ₄
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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 51(70)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/14/19 Start Time 0800 Weather Sun 70°

MEASUREMENT SUMMARY:

Measuring Point _____ Depth to Water 3.69 Depth to Product NA Product Thickness NA
 Total Casing Depth 70 Well Diameter 2 1/2 Approx. Pump Depth 64 Feet
 Screen Interval top 60 bottom 70 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 0805 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)
0830	6.58	0.1741	14.19	0.0	250	3.69	0.0	8.36	128.4
0835	6.40	0.1696	14.03	0.0	250	3.69	0.0	8.70	130.4
0840	6.89	0.1670	13.99	0.0	250	3.69	0.0	7.95	128.6
0845	6.91	0.1692	13.97	0.0	250	3.69	0.0	4.87	123.3
0850	6.93	0.1691	13.98	0.0	250	3.69	0.0	3.82	103.3
0855	6.91	0.1690	13.98	0.0	250	3.69	0.0	3.67	102.4
0900	6.93	0.1690	13.89	0.0	250	3.69	0.0	3.63	104.6
0905	6.95	0.1689	13.86	0.0	250	3.69	0.0	3.60	103.8

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

Final:
 Time 0905 pH 6.95 SC 0.1689 Temp 13.86 Turb. 0.0 Flow Rate 250 DTW 3.69 Drawdown 0.0 DO 3.60 ORP 103.8

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 279 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 51(70)-6001415 Time 0905

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs G 461 Dissolved Gases _____

TOC + NO₃ _____ VFA _____

Fe/Mn _____ DHC _____

Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW62(55)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RCH Date 8/12/19 Start Time 1125 Weather Overcast

MEASUREMENT SUMMARY:

Measuring Point TDC Depth to Water 13.95 Depth to Product NA Product Thickness NA
 Total Casing Depth 55 Well Diameter 2" Approx. Pump Depth 51-53 Feet
 Screen Interval top _____ bottom 55 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1130 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)
<u>1135</u>	<u>7.11</u>	<u>0.912</u>	<u>17.58</u>	<u>3.5</u>	<u>200</u>	<u>13.95</u>	<u>0.00</u>	<u>0.81</u>	<u>35.1</u>
<u>1140</u>	<u>7.08</u>	<u>0.915</u>	<u>17.55</u>	<u>3.9</u>	<u>200</u>	<u>13.95</u>	<u>0.02</u>	<u>0.75</u>	<u>33.9</u>
<u>1145</u>	<u>7.08</u>	<u>0.928</u>	<u>17.62</u>	<u>3.5</u>	<u>200</u>	<u>13.95</u>	<u>0.00</u>	<u>0.47</u>	<u>24.8</u>
<u>1150</u>	<u>7.09</u>	<u>0.932</u>	<u>17.68</u>	<u>4.3</u>	<u>200</u>	<u>13.95</u>	<u>0.00</u>	<u>0.33</u>	<u>10.6</u>
<u>1155</u>	<u>7.09</u>	<u>0.931</u>	<u>17.45</u>	<u>2.5</u>	<u>200</u>	<u>13.95</u>	<u>0.00</u>	<u>0.31</u>	<u>2.5</u>
<u>1200</u>	<u>7.06</u>	<u>0.931</u>	<u>17.93</u>	<u>3.9</u>	<u>200</u>	<u>13.95</u>	<u>0.00</u>	<u>0.37</u>	<u>-11.2</u>
<u>1205</u>	<u>7.05</u>	<u>0.931</u>	<u>17.47</u>	<u>0.0</u>	<u>200</u>	<u>13.95</u>	<u>0.00</u>	<u>0.47</u>	<u>-19.6</u>
<u>1210</u>	<u>7.02</u>	<u>0.930</u>	<u>17.35</u>	<u>0.0</u>	<u>200</u>	<u>13.95</u>	<u>0.00</u>	<u>0.48</u>	<u>-18.5</u>

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

Final:

Time 1210 pH 7.02 SC 0.930 Temp 17.35 Turb. 0.1 Flow Rate 200 DTW 13.95 Drawdown 0.00 DO 0.48 ORP -18.5

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.47 mS/cm Turbidity Cal. Solution 0-0 NTUs

Sample Name ATR-MW62(55) - G082219 Time 1210

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	_____	_____	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
		Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____	_____
Other: <input type="checkbox"/>	_____	Other: <input type="checkbox"/>	_____	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 52(148)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel KCH Date 8/22/19 Start Time 1030 Weather OVERCAST

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 15.32 Depth to Product NA Product Thickness NA
 Total Casing Depth 148 Well Diameter 2" Approx. Pump Depth 144-146 Feet
 Screen Interval top _____ bottom 148 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1040 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)
1045	7.23	0.703	18.85	2.4	200	15.31	0.01	2.16	4.7
1050	7.21	0.673	17.92	2.7	200	15.31	0.00	1.20	-1.8
1055	7.23	0.661	17.13	2.7	200	15.31	0.00	0.39	-26.4
1100	7.20	0.660	16.87	2.6	200	15.30	0.00	0.30	-31.3
1105	7.25	0.659	16.92	2.6	200	15.30	0.00	0.27	-40.1
1110	7.26	0.659	16.69	2.6	200	15.30	0.00	0.22	-46.5
1115	7.24	0.660	16.62	3.4	200	15.30	0.00	0.21	-50.8

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

Final:
 Time 1115 pH 7.24 SC 0.660 Temp 16.62 Turb. 3.4 Flow Rate 200 DTW 15.30 Drawdown 0.00 DO 0.21 ORP -50.8

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.6 NTUs

Sample Name ATR-MW52(148)-G082219 Time 1115

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>3/19</u>	<u>1</u>	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

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-53(41)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RCT Date 8/16/19 Start Time 0750 Weather Sunny 62°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 24.60 Depth to Product NA Product Thickness NA
 Total Casing Depth 41" Well Diameter 2" Approx. Pump Depth 37-39 Feet
 Screen Interval top 36 bottom 41 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 0805 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)
0816	6.71	1.126	11.73	4.2	400	24.60	0.0	1.27	203.9
0815	6.67	1.059	10.68	12.0	400	24.60	0.0	0.16	195.2
0820	6.68	1.054	10.69	10.2	400	24.60	0.0	0.20	194.6
0825	6.69	1.055	10.69	9.8	400	24.60	0.0	0.15	194.3
0830	6.70	1.056	10.73	6.6	400	24.60	0.0	0.11	193.4
0835	6.70	1.057	10.76	3.9	400	24.60	0.0	0.12	193.3

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

Final:
 Time 0835 pH 6.70 SC 1.057 Temp 10.76 Turb. 3.9 Flow Rate 400 DTW 24.60 Drawdown 0.0 DO 0.12 ORP 193.3

Comments: MS/MSD samples taken ATR-MW 53(41) 8/16/19

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 53(41) - G081619 Time 0835

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs 3/G _____ _____ _____ _____

TOC + NO₃ _____ _____ _____ _____

Fe/Mn _____ _____ _____ _____

Alkalinity + Anions (Cl-, SO₄) _____ _____ _____ _____

Other: _____ Other: _____

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 55(49)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel ES Date 8/16/19 Start Time 0855 Weather SUN 80s

MEASUREMENT SUMMARY:
Measuring Point 10C Depth to Water 12.91 Depth to Product NA Product Thickness NA
Total Casing Depth 49 Well Diameter 2" Approx. Pump Depth 46 Feet
Screen Interval top 45 bottom 99' Feet

SAMPLING SUMMARY:
Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
Pump Started 0905 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)
0910	6.86	0.495	14.36	0.0	250	12.94	0.03	4.59	47.1
0915	6.88	0.492	14.24	0.0	250	12.94	0.03	4.57	41.5
0920	6.90	0.493	14.25	0.0	250	12.95	0.03	4.46	34.0
0925	6.93	0.498	14.25	0.0	250	12.94	0.03	4.41	25.1
0930	6.93	0.490	14.25	0.0	250	12.94	0.03	4.44	-2.6
0935	6.95	0.492	14.43	0.0	250	12.94	0.03	4.03	-7.1
0940	6.98	0.499	14.45	0.0	250	12.94	0.03	0.99	-8.9
0945		0.499	14.47	0.0	250	12.94	0.03	0.98	-10.1

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

Final:
Time 0945 pH 6.98 SC 0.499 Temp 14.47 Turb. 0.0 Flow Rate 250 DTW 12.94 Drawdown 0.03 DO 0.98 ORP -10.1

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 0.91 mV
SC Reference Solution 4.91 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 55(49) - G 08/16/19 Time 0945

Analyses (check) / Bottle #/Type Preservative Bottle #/Type Preservative
VOCs G Hex Dissolved Gasses _____
TOC + NO₃ _____ VFA _____
Fe/Mn _____ DHC _____
Alkalinity + Anions (Cl-, SO4) _____
Other: _____ Other: _____

Bottle Type:
G = Glass
P = Poly
Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄

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 57(38)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/16/19 Start Time 0810 Weather SUN 70k

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 8.35 Depth to Product NA Product Thickness NA
 Total Casing Depth 38 Well Diameter 2" Approx. Pump Depth 34 Feet
 Screen Interval top 33 bottom 18 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailer

Pump Started 0820 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)
<u>0825</u>	<u>6.31</u>	<u>0.690</u>	<u>14.33</u>	<u>29.3</u>	<u>300</u>	<u>8.35</u>	<u>0.0</u>	<u>1.47</u>	<u>8.1</u>
<u>0830</u>	<u>6.46</u>	<u>0.691</u>	<u>13.20</u>	<u>12.6</u>	<u>300</u>	<u>8.35</u>	<u>0.0</u>	<u>0.58</u>	<u>0.6</u>
<u>0835</u>	<u>6.64</u>	<u>0.670</u>	<u>13.00</u>	<u>9.4</u>	<u>300</u>	<u>8.35</u>	<u>0.0</u>	<u>0.40</u>	<u>-5.5</u>
<u>0840</u>	<u>6.70</u>	<u>0.670</u>	<u>12.98</u>	<u>1.9</u>	<u>300</u>	<u>8.35</u>	<u>0.0</u>	<u>0.60</u>	<u>-9.3</u>
<u>0845</u>	<u>6.83</u>	<u>0.667</u>	<u>12.96</u>	<u>0.0</u>	<u>300</u>	<u>8.35</u>	<u>0.0</u>	<u>0.58</u>	<u>-10.3</u>
<u>0850</u>	<u>6.73</u>	<u>0.667</u>	<u>12.94</u>	<u>0.0</u>	<u>300</u>	<u>8.35</u>	<u>0.0</u>	<u>0.57</u>	<u>-11.4</u>

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

Final:
 Time 0850 pH 6.73 SC 0.667 Temp 12.94 Turb. 0.0 Flow Rate 300 DTW 8.35 Drawdown 0.0 DO 0.57 ORP -11.4

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 57(38) - G081619 Time 0850

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative	Bottle Type: G = Glass P = Poly Preservative Codes: 1 = HCL 4 = NaOH 2 = HNO ₃ 5 = BAC 3 = H ₂ SO ₄ 6 = Na ₃ PO ₄
VOCs <input checked="" type="checkbox"/>	<u>6</u>	_____	Dissolved Gasses <input type="checkbox"/>	_____	
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____	
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____	
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____	

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 50(51)
 Project Number 3359-15-1040 Date 8/2/19 Start Time 1305 Weather 500 800
 Sampling Personnel AS (Use: Well name)

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 11.10 Depth to Product NA Product Thickness mp
 Total Casing Depth 51 Well Diameter 2" Approx. Pump Depth 48 Feet
 Screen Interval top 40 bottom 51 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1305 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)
<u>1320</u>	<u>7.03</u>	<u>0.548</u>	<u>18.14</u>	<u>0.0</u>	<u>200</u>	<u>11.13</u>	<u>0.03</u>	<u>6.49</u>	<u>-118.9</u>
<u>1325</u>	<u>7.20</u>	<u>0.427</u>	<u>18.65</u>	<u>0.0</u>	<u>200</u>	<u>11.13</u>	<u>0.03</u>	<u>6.14</u>	<u>-115.0</u>
<u>1330</u>	<u>7.24</u>	<u>0.454</u>	<u>18.54</u>	<u>0.0</u>	<u>200</u>	<u>11.13</u>	<u>0.03</u>	<u>6.16</u>	<u>-117.8</u>
<u>1335</u>	<u>7.26</u>	<u>0.422</u>	<u>18.56</u>	<u>0.0</u>	<u>200</u>	<u>11.13</u>	<u>0.03</u>	<u>6.04</u>	<u>-120.4</u>
<u>1340</u>	<u>7.28</u>	<u>0.421</u>	<u>18.59</u>	<u>0.0</u>	<u>200</u>	<u>11.13</u>	<u>0.03</u>	<u>6.00</u>	<u>-124.6</u>
<u>1345</u>	<u>7.28</u>	<u>0.420</u>	<u>18.61</u>	<u>0.0</u>	<u>200</u>	<u>11.13</u>	<u>0.03</u>	<u>5.99</u>	<u>-125.2</u>

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>1345</u>	<u>7.28</u>	<u>0.420</u>	<u>18.61</u>	<u>0.0</u>	<u>200</u>	<u>11.13</u>	<u>0.03</u>	<u>5.99</u>	<u>-125.2</u>

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 291 mV
 SC Reference Solution _____ mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 50(51)-G080119 Time 1345

Analyses (check) <input checked="" type="checkbox"/> VOCs <input type="checkbox"/> TOC + NO ₃ <input type="checkbox"/> Fe/Mn <input type="checkbox"/> Other: <input type="checkbox"/> MS/MSD _____ Bottle #/Type <u>G</u> Preservative <u>1</u>	<input type="checkbox"/> Dissolved Gasses <input type="checkbox"/> VFA <input type="checkbox"/> DHC <input type="checkbox"/> Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/> Other: <input type="checkbox"/> Blind Dup _____ Bottle #/Type _____ Preservative _____	Bottle Type: G = Glass P = Poly Preservative Codes: 1 = HCL 4 = NaOH 2 = HNO ₃ 5 = BAC 3 = H ₂ SO ₄ 6 = Na ₃ PO ₄
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Blind Dup Name _____ TB _____



GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 60(38)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel GS Date 8/21/19 Start Time 1335 Weather _____

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 13.05 Depth to Product NA Product Thickness NA
 Total Casing Depth 38 Well Diameter 4" Approx. Pump Depth 35 Feet
 Screen Interval top 33 bottom 32 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

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)
<u>1345</u>	<u>6.36</u>	<u>0.284</u>	<u>14.70</u>	<u>0.0</u>	<u>200</u>	<u>13.05</u>	<u>0.6</u>	<u>0.47</u>	<u>-61.0</u>
<u>1350</u>	<u>6.57</u>	<u>0.286</u>	<u>14.58</u>	<u>0.0</u>	<u>200</u>	<u>13.05</u>	<u>0.0</u>	<u>0.35</u>	<u>-64.2</u>
<u>1355</u>	<u>6.59</u>	<u>0.305</u>	<u>14.61</u>	<u>0.0</u>	<u>200</u>	<u>13.05</u>	<u>0.0</u>	<u>0.36</u>	<u>-70.1</u>
<u>1600</u>	<u>6.56</u>	<u>0.308</u>	<u>14.64</u>	<u>0.0</u>	<u>200</u>	<u>13.05</u>	<u>0.0</u>	<u>0.35</u>	<u>-73.6</u>
<u>1605</u>	<u>6.58</u>	<u>0.310</u>	<u>14.65</u>	<u>0.0</u>	<u>200</u>	<u>13.05</u>	<u>0.0</u>	<u>0.35</u>	<u>-75.1</u>

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

Final:
 Time 1605 pH 6.58 SC 0.310 Temp 14.65 Turb. 0.0 Flow Rate 200 DTW 13.05 Drawdown 0.6 DO 0.35 ORP -75.1

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 60(38)-6082119 Time 1605
 Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
 VOCs 6 1 Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____
 Other: _____ Other: _____
 MS/MSD _____ Blind Dup _____ Blind Dup Name _____ TB _____

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 63(36)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel RLH Date 8/16/19 Start Time 0945 Weather Sunny 70°F

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 25.68 Depth to Product NA Product Thickness NA
Total Casing Depth 36 Well Diameter 2" Approx. Pump Depth 32-34 Feet
Screen Interval top 31 bottom 30 Feet

SAMPLING SUMMARY:
Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
Pump Started 0950 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)
0955	7.13	0.709	17.65	28.5	300	25.68	0.00	0.57	-50.2
1000	7.06	0.713	17.41	15.1	300	25.67	0.01	0.39	-70.7
1005	7.01	0.723	17.33	12.7	300	25.67	0.00	0.25	-84.0
1010	7.00	0.724	17.03	11.9	300	25.67	0.00	0.21	-97.6
1015	7.00	0.725	17.29	7.9	300	25.67	0.00	0.18	-102.6
1020	6.99	0.730	17.23	7.1	300	25.67	0.00	0.19	-105.2

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

Final:
Time 1020 pH 6.99 SC 0.730 Temp 17.23 Turb. 7.1 Flow Rate 300 DTW 25.67 Drawdown 0.00 DO 0.19 ORP -105.2

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10
SC Reference Solution 4.99 mS/cm Turbidity Cal. Solution 0.0 NTUs
ORP Calibration 229 mV

Sample Name ATR-MW 63(36)-02081619 Time 1020 Bottle Type:
Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative G = Glass
VOCs 3/6 1 Dissolved Gasses _____ _____ P = Poly
TOC + NO₃ _____ _____ VFA _____ _____ Preservative Codes:
Fe/Mn _____ _____ DHC _____ _____ 1 = HCL 4 = NaOH
Alkalinity + Anions (Cl-, SO4) _____ _____ Other: _____ _____ _____ 2 = HNO₃ 5 = BAC
Other: _____ _____ _____ Other: _____ _____ _____ 3 = H₂SO₄ 6 = Na₃PO₄
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 (05/32)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel GS Date 8/22/15 Start Time 1530 Weather Indoor TO

MEASUREMENT SUMMARY:

Measuring Point TFS Depth to Water 24.32 Depth to Product NA Product Thickness LN
Total Casing Depth 32 Well Diameter 1.5 Approx. Pump Depth NA Feet
Screen Interval top 27 bottom 32 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

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)
<u>G01</u>	<u>7.57</u>	<u>0.639</u>	<u>9.10</u>	<u>34.5</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2.14</u>	<u>-73.6</u>
<u>1.5</u>	<u>7.43</u>	<u>0.616</u>	<u>18.23</u>	<u>48.5</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>2.03</u>	<u>-82.9</u>
<u>2.0</u>	<u>7.18</u>	<u>0.601</u>	<u>18.08</u>	<u>61.6</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>1.89</u>	<u>-96.2</u>

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

Final: Final

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>2.0</u>	<u>7.18</u>	<u>0.601</u>	<u>18.08</u>	<u>61.6</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>1.89</u>	<u>-96.2</u>

Comments: BPU = 2.0

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 047 mV
SC Reference Solution 4.45 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW (05/32) - G08 22/15 Time 1530

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
VOCs G I Dissolved Gasses _____
TOC + NO₃ _____ VFA _____
Fe/Mn _____ DHC _____
Alkalinity + Anions (Cl-, SO₄) _____
Other: _____ Other: _____

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄

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 67(30)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/22/15 Start Time 1345 Weather Indoor

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 24.36 Depth to Product NA Product Thickness NA
 Total Casing Depth 30 Well Diameter 1.5 Approx. Pump Depth NA Feet
 Screen Interval top 15 bottom 3 Feet

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

Time (24hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
0.5	6.79	1.573	19.07	280.1	<u>NA</u>	<u>NA</u>	<u>NA</u>	0.71	~64.0
1.0	6.80	1.560	18.40	270				1.98	~80.5
1.75	6.72	1.541	18.23	100				1.504	~78.0

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

Final 6.72

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1.75	6.72	1.541	18.23	100	<u>NA</u>	<u>NA</u>	<u>NA</u>	1.64	~80.0

Comments: SPU = 1.57 4 Purge water reacting with HCl, bubbling, hard to get back

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 2.25 mV
 SC Reference Solution 1.541 mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name ATR-MW 67(30) - 6082219 Time 16:00/1010

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>6</u>	<u>1</u>	_____	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	_____	_____
Fe/Mn <input type="checkbox"/>	_____	_____	_____	_____
Other: <input type="checkbox"/>	_____	_____	_____	_____

Dissolved Gasses VFA DHC Alkalinity + Anions (Cl-, SO4) Other:

Bottle Type: G = Glass, P = Poly
 Preservative Codes: 1 = HCL, 2 = HNO₃, 3 = H₂SO₄, 4 = NaOH, 5 = BAC, 6 = Na₃PO₄

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 68(32)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RWH Date 8/24/19 Start Time 1500 Weather _____

MEASUREMENT SUMMARY:
 Measuring Point DOC Depth to Water 24.28 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 Bailor

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)
<u>1510</u>	<u>6.57</u>	<u>1.769</u>	<u>19.36</u>	<u>145.5</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2.90</u>	<u>42.1</u>
<u>1520</u>	<u>6.93</u>	<u>2.075</u>	<u>18.39</u>	<u>280.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>6.70</u>	<u>31.3</u>
<u>1530</u>	<u>6.39</u>	<u>2.037</u>	<u>18.45</u>	<u>192.6</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>6.44</u>	<u>44.1</u>

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

Final:
 Time 1530 pH 6.39 SC 2.037 Temp 18.45 Turb. 147.6 Flow Rate _____ DTW _____ Drawdown _____ DO 6.44 ORP 44.1

Comments: $(32 - 24.28) \times (0.09) = 0.72$ 2.08 gallons
↑ bubbles in sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 68(32)-6032219 Time 1530 Bottle Type: _____

Analyses (check):	Bottle #/Type	Preservative	Bottle #/Type	Preservative	G = Glass
VOCs <input checked="" type="checkbox"/>	<u>3/9</u>	_____	Dissolved Gasses <input checked="" type="checkbox"/>	<u>3/9</u>	P = Poly
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____	Preservative Codes:
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____	1 = HCL 4 = NaOH
			Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>	_____	2 = HNO ₃ 5 = BAC
Other: _____ <input type="checkbox"/>			Other: _____ <input type="checkbox"/>		3 = H ₂ SO ₄ 6 = Na ₃ PO 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 71(33)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel RUT Date 8/22/17 Start Time 1540 Weather overcast 80°

MEASUREMENT SUMMARY:
Measuring Point 1 Depth to Water 23.65 Depth to Product NA Product Thickness NA
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 Bailor

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)
1550	6.63	2.105	18.66	32.3	-	-	-	7.21	74.6
1600	6.44	2.303	18.09	904.2	-	-	-	5.81	36.4
1616	6.68	2.301	18.72	716.4	-	-	-	8.07	43.4

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

Final:
Time 1616 pH 6.68 SC 2.301 Temp 18.72 Turb. 716.4 Flow Rate - DTW - Drawdown - DO 8.07 ORP 43.4

Comments: $(33 - 23.65) \times (0.09) = 0.84 \times 30V = 2.5 \text{ gallons}$
* bubbles in sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 2297 mV
SC Reference Solution 4.99 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 71(33) - 6082219 Time 1616

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs 3/9 1 Dissolved Gasses _____

TOC + NO₃ _____ VFA _____

Fe/Mn _____ DHC _____

Alkalinity + Anions (Cl-, SO₄) _____

Other: _____ Other: _____

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

Bottle Type:
G = Glass
P = Poly

Preservative Codes:
1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW-72(32)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RWH Date 8/22/19 Start Time 1405 Weather _____

MEASUREMENT SUMMARY:

Measuring Point SDC Depth to Water 23.90 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 Bailor

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)
1415	6.33	2.972	19.52	10280	-	-	-	1.85	41.6
1425	6.35	2.941	18.65	10915	-	-	-	4.23	57.0
1435	6.43	1.484	18.79	10927	-	-	-	5.65	47.5

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1435	6.43	1.484	18.79	10927	-	-	-	5.65	47.5

Comments: $(32 - 23.98) \times (0.09) = 0.72 \times 3 = 2.17$ Gallons
 *Bubbles in sample

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 72(32)-G087219 Time 1437

Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative

VOCs 3/9 1 Dissolved Gasses 3/9 _____

TOC + NO₃ _____ _____ VFA _____ _____

Fe/Mn _____ _____ DHC _____ _____

Alkalinity + Anions (Cl-, SO₄) _____ _____

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

Other: _____ Other: _____

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 76(30)
 Project Number 3359-15-1040 Date 8/22/19 Start Time 1220 Weather _____
 Sampling Personnel GS (Use: Well name)

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 24.21 Depth to Product NA Product Thickness NA
 Total Casing Depth 30 Well Diameter _____ Approx. Pump Depth 27 Feet
 Screen Interval top 25 bottom 30 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1225 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)
1230	6.33	2.184	20.17	20.5	200	24.21	0.0	0.93	70.0
1235	6.23	2.208	19.13	24.4	200	24.21	0.0	0.69	70.4
1240	6.17	2.199	19.04	18.7	200	24.21	0.0	0.43	70.7
1245	6.17	2.195	18.99	10.1	200	24.21	0.0	0.38	112.1
1250	6.11	2.193	18.95	12.7	200	24.21	0.0	0.39	115.1
1255	6.12	2.190	18.92	9.6	200	24.21	0.0	0.41	118.4
1300	6.09	2.189	18.89	8.4	200	24.21	0.0	0.42	121.2

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

Final:
 Time 1300 pH 6.09 SC 2.189 Temp 18.89 Turb. 8.4 Flow Rate 200 DTW 24.21 Drawdown 0.0 DO 0.42 ORP -121.2

Comments: Screen visible in purgewater

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 76(30)-G0082119 Time 1300

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>4</u>	<u>1</u>		
TOC + NO ₃ <input type="checkbox"/>				
Fe/Mn <input type="checkbox"/>				
Dissolved Gasses <input type="checkbox"/>				
VFA <input type="checkbox"/>				
DHC <input type="checkbox"/>				
Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>				
Other: <input type="checkbox"/>				

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW-77(41)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel _____ Date _____ Start Time _____ Weather _____

MEASUREMENT SUMMARY:

Measuring Point 10c Depth to Water 84.37 Depth to Product NA Product Thickness NA
 Total Casing Depth 41 Well Diameter 2" Approx. Pump Depth 30 Feet
 Screen Interval top 30 bottom 41 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1000 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)
1005	7.07	0.343	19.11	0.0	200	24.38	0.01	1.56	150.6
1010	7.08	0.342	18.97	0.0	200	24.38	0.01	1.24	177.4
1015	7.00	0.339	18.85	0.0	200	24.39	0.02	0.98	100.2
1020	7.08	0.339	18.32	0.0	200	24.39	0.02	0.51	115.1
1025	7.06	0.342	18.21	0.0	200	24.39	0.02	0.44	109.1
1030	7.08	0.341	18.19	0.0	200	24.39	0.02	0.45	107.1

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1030	7.08	0.341	18.19	0.0	200	24.39	0.02	0.45	107.1

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 77(41)-G-08/19 Time 1030

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	G	1		
TOC + NO3 <input type="checkbox"/>				
Fe/Mn <input type="checkbox"/>				
Other: <input type="checkbox"/>				
Dissolved Gasses <input type="checkbox"/>				
VFA <input type="checkbox"/>				
DHC <input type="checkbox"/>				
Alkalinity + Anions (Cl-, SO4) <input type="checkbox"/>				
Other: <input type="checkbox"/>				

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO3 5 = BAC
 3 = H2SO4 6 = Na3PO4

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 78(35)
Project Number 3359-15-1040 Date 8/22/19 Start Time 0905 Weather Indoor 80°
Sampling Personnel OS (Use: Well name)

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 24.25 Depth to Product NA Product Thickness NA
Total Casing Depth 35 Well Diameter 2" Approx. Pump Depth 32 Feet
Screen Interval top 30 bottom 35 Feet

SAMPLING SUMMARY:
Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
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)
0915	6.11	0.627	16.90	4.4	150	24.25	0.0	1.17	-550.6
0920	6.00	0.545	17.27	3.9	150	24.25	0.0	1.168	-614.5
0925	6.3	0.496	17.83	0.7	150	24.25	0.0	1.26	-624.4
0928	6.33	0.510	17.93	0.0	150	24.25	0.0	1.24	-72.9
0935	6.35	0.510	17.94	0.0	150	24.25	0.0	1.20	-76.5

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0935	6.35	0.510	17.94	0.0	150	24.25	0.0	1.20	-76.5

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 221 mV
SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution _____ NTUs

Sample Name ATR-MW 78(35)-6082219 Time 0935

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	<u>6</u>	<u>01</u>		
TOC + NO ₃ <input type="checkbox"/>				
Fe/Mn <input type="checkbox"/>				
		Alkalinity + Anions (Cl-, SO ₄)		
Other: <input type="checkbox"/>		Other: <input type="checkbox"/>		

Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO₃, 5 = BAC, 3 = H₂SO₄, 6 = Na₃PO₄

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 79(30)
 Project Number 3359-15-1040 Date 8/22/19 Start Time 1055 Weather Under 80°
 Sampling Personnel _____ (Use: Well name)

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 24.21 Depth to Product NA Product Thickness NA
 Total Casing Depth 30 Well Diameter 8" Approx. Pump Depth 28 Feet
 Screen Interval top 25 bottom 30 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1105 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)
1110	6.72	0.715	18.43	8.1	200	24.21	0.0	0.78	-164.1
1115	6.57	0.740	17.97	6.3	200	24.22	0.01	0.80	-97.2
1120	6.43	0.764	17.69	6.2	200	24.22	0.01	0.43	-94.5
1125	6.169	0.815	17.92	6.2	200	24.22	0.01	0.42	-112.4
1130	6.105	0.818	17.75	5.9	200	24.22	0.01	0.41	-117.6
1135	6.02	0.814	17.75	5.9	200	24.22	0.01	0.40	-120.1
1140	6.100	0.816	17.76	5.9	200	24.22	0.01	0.40	-121.2

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1140	6.100	0.816	17.76	5.9	200	24.22	0.01	0.40	-121.2

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-MW 79(30) - G082219 Time 1140

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>G</u>	<u>1</u>	Dissolved Gases <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

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

- Bottle Type:**
 G = Glass
 P = Poly
- Preservative Codes:**
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 81(27)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel GS Date 8/21/19 Start Time 1440 Weather sun 85

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 12.61 Depth to Product N/A Product Thickness N/A
Total Casing Depth 27 Well Diameter 2.9 Approx. Pump Depth 23 Feet
Screen Interval top 22 bottom 25 Feet

SAMPLING SUMMARY:
Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
Pump Started 1445 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)
1430	6.24	0.756	18.69	0.0	200	13.35	0.74	1.19	-61.0
1455	5.82	0.764	18.70	0.0	105	13.07	0.46	0.60	-67.2
1500	5.88	0.772	19.87	0.0	125	13.03	0.42	0.56	-70.4
1505	6.05	0.823	21.04	0.0	125	12.99	0.37	0.45	-76.2
1510	6.09	0.826	21.06	0.0	125	12.95	0.34	0.42	-81.2
1515	6.09	0.824	21.05	0.0	125	12.90	0.29	0.40	-84.4

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

Final:
Time 1515 pH 6.09 SC 0.824 Temp 21.05 Turb. 0.0 Flow Rate 125 DTW 12.90 Drawdown 0.29 DO 0.40 ORP -84.4

Comments: * Drop flow rate to 125 ml/min ~~stability~~ * stability well

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 207 mV
SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 81(27) - 6082119 Time 1515
Analyses (check) Bottle #/Type Preservative
VOCs 6 1 Dissolved Gasses 6 6
TOC + NO₃ _____ VFA _____
Fe/Mn _____ DHC _____
Alkalinity + Anions (Cl-, SO₄) _____
Other: _____ Other: _____
Bottle Type: G = Glass, P = Poly
Preservative Codes: 1 = HCL, 4 = NaOH, 2 = HNO₃, 5 = BAC, 3 = H₂SO₄, 6 = Na₃PO₄
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 82(59)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/20/19 Start Time 1350 Weather overcast

MEASUREMENT SUMMARY:
 Measuring Point TDL Depth to Water 22.48 Depth to Product NA Product Thickness NA
 Total Casing Depth 58 Well Diameter 2" Approx. Pump Depth 55.5-57.5 Feet
 Screen Interval top _____ bottom 58 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1405 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)
1410	7.04	0.963	20.90	8.9	100	22.350	0.13	0.84	-4.3
1415	6.97	0.996	17.67	2.9	100	22.35	0.0	0.35	-92.5
1420	6.89	0.999	17.60	3.1	100	22.35	0.0	0.32	-94.6
1425	6.87	1.019	17.52	11.4	100	22.35	0.0	0.23	-108.5
1430	6.86	1.032	17.58	20.2	100	22.35	0.0	0.22	-114.4
1435	6.83	1.100	17.27	14.5	100	22.35	0.0	0.20	-120.9
1440	6.83	1.059	17.29	5.8	100	22.35	0.0	0.20	-120.9
1445	6.83	1.096	17.40	10.7	100	22.35	0.00	0.19	-121.0
1450	6.83	1.102	17.41	6.9	100	22.35	0.00	0.21	-121.3

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

Final:
 Time 1450 pH 6.83 SC 1.102 Temp 17.41 Turb. 2.9 Flow Rate 100 DTW 22.35 Drawdown 0.06 DO 0.21 ORP -121.3

Comments: Stability

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 27.9 mV
 SC Reference Solution 4.45 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 82(59)-G082019 Time 1450

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
VOCs <input type="checkbox"/>	<u>3/G</u>	<u>1</u>	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	_____	VFA <input type="checkbox"/>	_____
Fe/Mn <input type="checkbox"/>	_____	_____	DHC <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____
Other: <input type="checkbox"/>	_____	_____	Other: <input type="checkbox"/>	_____

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

Bottle Type:
 G = Glass
 P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUNDWATER/SURFACE WATER SAMPLING FORM

Wood Environment & Infrastructure Solutions, Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 83(64)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel RLH Date 8/16/19 Start Time 1045 Weather Sunny 71°

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 22.69 Depth to Product NA Product Thickness NA
 Total Casing Depth 64 Well Diameter 2" Approx. Pump Depth 4.63 Feet
 Screen Interval top 59 bottom 64 Feet

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

Pump Started 1050 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)
<u>1055</u>	<u>7.46</u>	<u>0.631</u>	<u>16.76</u>	<u>3.5</u>	<u>300</u>	<u>22.69</u>	<u>0.0</u>	<u>1.24</u>	<u>69.2</u>
<u>1100</u>	<u>7.14</u>	<u>0.628</u>	<u>15.34</u>	<u>3.7</u>	<u>300</u>	<u>22.70</u>	<u>0.00</u>	<u>0.45</u>	<u>-20.7</u>
<u>1105</u>	<u>7.21</u>	<u>0.603</u>	<u>15.00</u>	<u>34.2</u>	<u>300</u>	<u>22.70</u>	<u>0.00</u>	<u>0.20</u>	<u>-75.9</u>
<u>1110</u>	<u>7.27</u>	<u>0.629</u>	<u>15.11</u>	<u>43.6</u>	<u>300</u>	<u>22.70</u>	<u>0.00</u>	<u>0.21</u>	<u>-86.8</u>
<u>1115</u>	<u>7.31</u>	<u>0.625</u>	<u>15.07</u>	<u>47.9</u>	<u>300</u>	<u>22.71</u>	<u>0.01</u>	<u>0.21</u>	<u>-113.9</u>
<u>1120</u>	<u>7.34</u>	<u>0.629</u>	<u>14.94</u>	<u>46.5</u>	<u>300</u>	<u>22.71</u>	<u>0.00</u>	<u>0.20</u>	<u>-117.2</u>
<u>1125</u>	<u>7.38</u>	<u>0.622</u>	<u>15.12</u>	<u>1.2</u>	<u>300</u>	<u>22.71</u>	<u>0.00</u>	<u>0.29</u>	<u>-112.4</u>
<u>1130</u>	<u>7.35</u>	<u>0.622</u>	<u>15.13</u>	<u>1.7</u>	<u>300</u>	<u>22.71</u>	<u>0.00</u>	<u>0.25</u>	<u>-116.6</u>
<u>1135</u>	<u>7.34</u>	<u>0.621</u>	<u>15.20</u>	<u>4.3</u>	<u>300</u>	<u>22.71</u>	<u>0.00</u>	<u>0.23</u>	<u>-128.6</u>

*emptied
cell*

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
<u>1135</u>	<u>7.36</u>	<u>0.621</u>	<u>15.20</u>	<u>4.3</u>	<u>300</u>	<u>22.71</u>	<u>0.00</u>	<u>0.23</u>	<u>-128.6</u>

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 83(64)-G081619 Time 1135

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative
	VOCs <input type="checkbox"/>	_____	Dissolved Gasses <input type="checkbox"/>	_____
TOC + NO ₃ <input type="checkbox"/>	_____	VFA <input type="checkbox"/>	_____	
Fe/Mn <input type="checkbox"/>	_____	DHC <input type="checkbox"/>	_____	
Other: <input type="checkbox"/>	_____	Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>	_____	
MS/MSD _____	Blind Dup _____	Blind Dup Name _____	TB _____	

Bottle Type:
 G = Glass, P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄



GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water [] Groundwater [X] Sample ID ATR-MW 84(44)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel RWH Date 8/19/15 Start Time 1140 Weather Sunny 79°

MEASUREMENT SUMMARY:

Measuring Point DDC Depth to Water 40.19 Depth to Product NA Product Thickness NA
Total Casing Depth 44 Well Diameter 24 Approx. Pump Depth 41-43 Feet
Screen Interval top bottom 44 Feet

SAMPLING SUMMARY:

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

Pump Started 1145 Pump Stopped Total Gallons

Table with 10 columns: 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). Contains 6 rows of handwritten data.

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

Final: Time 1215 pH 7.09 SC 0.764 Temp 14.24 Turb. 0.3 Flow Rate 200 DTW 40.25 Drawdown 6.00 DO 0.17 ORP 213.8

Comments:

Calibration: pH Calibration Buffers: 4 [X] 7 [X] 10 [X] ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 84(44) - G081919 Time 1215
Analyses (check) Bottle #/Type Preservative Bottle #/Type Preservative
VOCs [X] 3/9 1 Dissolved Gasses [] [] []
TOC + NO3 [] [] [] VFA [] [] []
Fe/Mn [] [] [] DHC [] [] []
Alkalinity + Anions (Cl-, SO4) [] [] []
Other: [] [] [] Other: [] [] []
MS/MSD Blind Dup Blind Dup Name TB



GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW84(68)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel PLH Date 8/14/19 Start Time 1035 Weather Sunny 77°F

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 40.08 Depth to Product NA Product Thickness NA
 Total Casing Depth 168' Well Diameter 2" Approx. Pump Depth 64-66 Feet
 Screen Interval top _____ bottom 68 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1050 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)
1055	6.98	0.656	16.00	27.5	200	40.16	0.08	1.44	182.6
1100	7.08	0.624	15.44	27.8	200	40.16	0.00	0.84	175.2
1105	7.22	0.616	15.34	20.1	200	40.18	0.02	0.63	167.4
1110	7.28	0.611	15.31	16.1	200	40.18	0.00	0.60	159.8
1115	7.28	0.611	15.09	14.2	200	40.18	0.00	0.81	161.9
1120	7.29	0.610	15.13	11.9	200	40.18	0.02	0.50	164.3
1125	7.29	0.609	15.13	9.7	200	40.18	0.00	0.47	167.5

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1125	7.29	0.609	15.13	9.7	200	40.18	0.00	0.47	167.5

Comments: MS/MSD included in sampling

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW 84(68) 6081919 Time 1125 Bottle Type: _____

Analyses (check)	Bottle #/Type	Preservative	Bottle #/Type	Preservative	G = Glass P = Poly Preservative Codes: 1 = HCL 4 = NaOH 2 = HNO ₃ 5 = BAC 3 = H ₂ SO ₄ 6 = Na ₃ PO ₄
VOCs	<u>9/9</u>	<u>1</u>	Dissolved Gasses	_____	
TOC + NO ₃	_____	_____	VFA	_____	
Fe/Mn	_____	_____	DHC	_____	
Other:	_____	_____	Alkalinity + Anions (Cl-, SO ₄)	_____	
MS/MSD	<input checked="" type="checkbox"/>	Blind Dup _____	Blind Dup Name _____	TB _____	

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW-85(39)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel R-LH Date 8/15/19 Start Time 1340 Weather Sunny 75°

MEASUREMENT SUMMARY:
 Measuring Point Y0C Depth to Water 11.65 Depth to Product NA Product Thickness NA
 Total Casing Depth 39 Well Diameter 2.0 Approx. Pump Depth 36-38 Feet
 Screen Interval top bottom 39 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 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)
1350	6.98	0.833	15.00	2.9	150	11.66	0.01	3.77	51.5
1355	6.87	0.828	14.20	2.8	150	11.66	0.00	3.59	55.4
1400	6.73	0.819	13.98	2.7	150	11.66	0.00	3.48	73.8
1405	6.73	0.815	14.10	2.4	150	11.66	0.00	3.10	76.1
1410	6.73	0.816	14.34	1.7	150	11.66	0.00	3.38	84.4
1415	6.69	0.816	13.86	0.5	150	11.66	0.00	3.33	92.8
1420	6.66	0.818	13.92	2.3	150	11.66	0.00	3.26	106.1
1425	6.65	0.819	13.87	2.8	150	11.66	0.00	3.77	108.3
1430	6.67	0.817	13.98	2.9	150	11.66	0.00	3.19	110.1

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1430	6.67	0.817	13.98	2.9	150	11.66	0.00	3.19	110.1

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW-85(39)-G081519 Time 1430

Analyses (check)	Bottle #/Type	Preservative	Dissolved Gasses	Bottle #/Type	Preservative
VOCs <input checked="" type="checkbox"/>	<u>3/G</u>	<u>1</u>	<input type="checkbox"/>		
TOC + NO ₃ <input type="checkbox"/>			VFA <input type="checkbox"/>		
Fe/Mn <input type="checkbox"/>			DHC <input type="checkbox"/>		
			Alkalinity + Anions (Cl-, SO ₄) <input type="checkbox"/>		
Other: <input type="checkbox"/>			Other: <input type="checkbox"/>		

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

Bottle Type:
 G = Glass
 P = Poly
 Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW85(130)
 Project Number 3359-15-1040 Date 8/15/19 Start Time 1115 Weather overcast 67
 Sampling Personnel RCH (Use: Well name)

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 11.52 Depth to Product NA Product Thickness NA
 Total Casing Depth 130 Well Diameter 2" Approx. Pump Depth 126-128 Feet
 Screen Interval top 125 bottom 130 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started 1130 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)
1135	7.04	1.172	15.73	100	200	11.49	0.03	0.14	-72.5
1140	7.04	1.180	15.56	106	200	11.49	0.0	0.14	-77.8
1145	7.04	1.192	15.23	106	200	11.49	0.0	0.09	-81.0
1150	7.04	1.194	15.02	106.8	200	11.49	0.0	0.09	-82.0
1155	7.19	1.170	13.9	80.1	200	11.49	0.0	1.44	-39.2
1200	7.09	1.167	13.6	79.9	200	11.49	0.0	0.40	-49.2
1205	7.06	1.179	13.03	81.1	100	11.51	0.02	1.68	-67.4
1210	7.00	1.186	12.77	81.8	100	11.51	0.0	0.31	-88.6
1215	6.99	1.179	12.77	81.6	100	11.51	0.0	0.40	-88.6
1220	7.05	1.186	12.33	59.7	100	11.51	0.0	0.59	-44.1
1225	7.02	1.185	12.61	59.8	100	11.51	0.0	0.56	-51.0
1230	6.97	1.168	12.7	52.4	100	11.51	0.0	0.46	-66.6
1235	6.96	1.173	12.58	46.3	100	11.52	0.01	0.46	-74.7
1240	6.95	1.169	12.71	43.6	100	11.52	0.0	0.38	-77.3
1245	6.95	1.168	12.48	31.9	100	11.52	0.0	0.40	-72.9
1250	6.91	1.164	12.36	16.31	100	11.52	0.0	0.41	-75.4
1255	6.87	1.173	12.21	13.20	100	11.52	0.0	0.39	-75.1
1259	6.86	1.179	12.32	8.6	100	11.52	0.0	0.56	-76.2

Pump stopped

emptied cell

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

Final:

Time 1325 pH 6.86 SC 1.179 Temp 16.32 Turb. 8.6 Flow Rate 100 DTW 11.52 Drawdown 0.0 DO 0.56 ORP -76.2

Comments: _____

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 229 mV
 SC Reference Solution 1.49 mS/cm Turbidity Cal. Solution 0.0 NTUs

Sample Name ATR-MW85(130)-G081519 Time 1325

Analyses (check) Bottle #/Type Preservative

VOCs 3/9 Dissolved Gasses

TOC + NO₃ VFA

Fe/Mn DHC

Alkalinity + Anions (Cl-, SO₄)

Other: Other:

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

Bottle Type:

G = Glass
P = Poly

Preservative Codes:

1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄



GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 89(28)
 Project Number 3359-15-1040 Date 8/21/19 Start Time 1355 (Use: Well name)
 Sampling Personnel CS Weather sun 80°

MEASUREMENT SUMMARY:

Measuring Point JOC Depth to Water 11.45 Depth to Product NA Product Thickness NA
 Total Casing Depth 28 Well Diameter 2" Approx. Pump Depth 25 Feet
 Screen Interval top 23 bottom 28 Feet

SAMPLING SUMMARY:

Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor

Pump Started 1955 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)
1400	7.01	0.369	18.54	0.0	200	12.55	0.16	0.83	-59.9
1405	6.78	0.51	18.37	0.0	200	12.55	0.16	0.85	-72.3
1410	6.79	0.482	17.97	0.0	200	12.55	0.16	0.45	-70.1
1415	6.31	0.509	17.93	0.0	200	12.55	0.16	0.89	-84.1
1420	6.10	0.530	17.71	0.0	200	12.55	0.16	0.37	-75.2
1425	6.07	0.534	17.09	0.0	200	12.55	0.16	0.35	-70.2
1430	6.05	0.538	17.05	0.0	200	12.55	0.16	0.38	-70.6
1435	6.04	0.540	17.03	0.0	200	12.55	0.16	0.41	-68.4

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

Final:

Time 1435 pH 6.04 SC 0.540 Temp 17.03 Turb. 0.0 Flow Rate 200 DTW 12.55 Drawdown 0.16 DO 0.41 ORP -68.4

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 89(28)-G082119 Time 1435

Analyses (check) Bottle #/Type 6 Preservative 1 Dissolved Gasses _____
 TOC + NO₃ _____ VFA _____
 Fe/Mn _____ DHC _____
 Alkalinity + Anions (Cl-, SO₄) _____
 Other: _____ Other: _____

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

Bottle Type: G = Glass P = Poly

Preservative Codes:
 1 = HCL 4 = NaOH
 2 = HNO₃ 5 = BAC
 3 = H₂SO₄ 6 = Na₃PO₄

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water Groundwater Sample ID ATR-MW 75 (30)
 Project Number 3359-15-1040 (Use: Well name)
 Sampling Personnel CS Date 8/22/19 Start Time 1410 Weather _____

MEASUREMENT SUMMARY:
 Measuring Point TOC Depth to Water 24.55 Depth to Product NA Product Thickness NA
 Total Casing Depth 32 Well Diameter 1.5" Approx. Pump Depth NA Feet
 Screen Interval top 27 bottom 32 Feet

SAMPLING SUMMARY:
 Sampling Method: Grab Composite Grundfos Bladder Pump Peristaltic Pump Bailor
 Pump Started _____ Pump Stopped _____ Total Gallons 2.0

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)
<u>0:25</u>	<u>7.67</u>	<u>0.567</u>	<u>19.87</u>	<u>11.5</u>	<u>/</u>	<u>/</u>	<u>2</u>	<u>2.51</u>	<u>86.1</u>
<u>1:5</u>	<u>7.42</u>	<u>0.560</u>	<u>19.23</u>	<u>9.04</u>				<u>1.16</u>	<u>-99.6</u>
<u>2:0</u>	<u>7.06</u>	<u>0.550</u>	<u>18.76</u>	<u>4.05</u>				<u>1.23</u>	<u>-89.2</u>

Stabilization Criteria: $\pm 3\%$ $\pm 3\%$ ± 10 $\pm 10\%$ ± 10

Final
 Time 2:0 pH 7.06 SC 0.550 Temp 18.76 Turb. 4.05 Flow Rate / DTW / Drawdown / DO 1.23 ORP -89.2

Comments: 3PV = 2.05 Gal

Calibration: pH Calibration Buffers: 4 7 10 ORP Calibration 25 mV
 SC Reference Solution 4.99 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW 75 (30) - 6082219 Time 1445

Analyses (check) Bottle #/Type Preservative

VOCs	<input checked="" type="checkbox"/>	<u>A</u>	<u>1</u>	Dissolved Gasses	<input type="checkbox"/>	_____	_____
TOC + NO ₃	<input type="checkbox"/>	_____	_____	VFA	<input type="checkbox"/>	_____	_____
Fe/Mn	<input type="checkbox"/>	_____	_____	DHC	<input type="checkbox"/>	_____	_____
Alkalinity + Anions (Cl-, SO ₄)	<input type="checkbox"/>	_____	_____	Other:	<input type="checkbox"/>	_____	_____

Other: _____ Other: _____ TB _____

MS/MSD _____ Blind Dup _____ Blind Dup Name _____

Bottle Type:

G = Glass
P = Poly

Preservative Codes:

1 = HCL 4 = NaOH
2 = HNO₃ 5 = BAC
3 = H₂SO₄ 6 = Na₃PO₄



Textron, Inc.
TORX Facility Remediation
Report of 2019 Annual Groundwater Monitoring

APPENDIX B

LABORATORY REPORTS AND DATA VALIDATION REPORT



26-Aug-2019

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

Re: **TFS Rochester (3359-15-1040)**

Work Order: **19081137**

Dear Paul,

ALS Environmental received 32 samples on 15-Aug-2019 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 88.

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,

A handwritten signature in black ink that reads "Ehrland Bosworth".

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental ALS

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RIGHT SOLUTIONS RIGHT PARTNER

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Work Order: 19081137

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
19081137-01	ATR-MW37 (23.3)- G081319	Groundwater		8/13/2019 11:10	8/15/2019 10:00	<input type="checkbox"/>
19081137-02	ATR-MW37 (70)- G081319	Groundwater		8/13/2019 10:05	8/15/2019 10:00	<input type="checkbox"/>
19081137-03	ATR-MW37 (98)- G081319	Groundwater		8/13/2019 09:15	8/15/2019 10:00	<input type="checkbox"/>
19081137-04	ATR-MW39 (76.7)- G081319	Groundwater		8/13/2019 12:15	8/15/2019 10:00	<input type="checkbox"/>
19081137-05	ATR-MW39 (29.3)- G081319	Groundwater		8/13/2019 13:10	8/15/2019 10:00	<input type="checkbox"/>
19081137-06	ATR-MW39 (13)- G081319	Groundwater		8/13/2019 14:00	8/15/2019 10:00	<input type="checkbox"/>
19081137-07	ATR-EB001-081319	Groundwater		8/13/2019 14:55	8/15/2019 10:00	<input type="checkbox"/>
19081137-08	ATR-MW38 (102.5)- G081319	Groundwater		8/13/2019 09:30	8/15/2019 10:00	<input type="checkbox"/>
19081137-09	ATR-MW38 (20.8)- G081319	Groundwater		8/13/2019 12:00	8/15/2019 10:00	<input type="checkbox"/>
19081137-10	ATR-MW38 (29.1)- G081319	Groundwater		8/13/2019 11:20	8/15/2019 10:00	<input type="checkbox"/>
19081137-11	ATR-MW38 (69.9)- G081319	Groundwater		8/13/2019 10:30	8/15/2019 10:00	<input type="checkbox"/>
19081137-12	ATR-MW38 (69.9)- G081319R	Groundwater		8/13/2019 10:30	8/15/2019 10:00	<input type="checkbox"/>
19081137-13	ATR-MW36 (92.4)- G081319	Groundwater		8/13/2019 13:40	8/15/2019 10:00	<input type="checkbox"/>
19081137-14	ATR-MW36 (124.5)- G081319	Groundwater		8/13/2019 12:55	8/15/2019 10:00	<input type="checkbox"/>
19081137-15	ATR-MW36 (35.2)- G081319	Groundwater		8/13/2019 14:40	8/15/2019 10:00	<input type="checkbox"/>
19081137-16	ATR-MW35 (45)- G081419	Groundwater		8/14/2019 14:45	8/15/2019 10:00	<input type="checkbox"/>
19081137-17	ATR-MW35 (90)- G081419	Groundwater		8/14/2019 13:55	8/15/2019 10:00	<input type="checkbox"/>
19081137-18	ATR-EB001-081419	Groundwater		8/14/2019 13:55	8/15/2019 10:00	<input type="checkbox"/>
19081137-19	ATR-MW35 (148)- G081419	Groundwater		8/14/2019 13:10	8/15/2019 10:00	<input type="checkbox"/>
19081137-20	ATR-MW31 (139.2)- G081419	Groundwater		8/14/2019 11:55	8/15/2019 10:00	<input type="checkbox"/>
19081137-21	ATR-MW31 (55.5)-G081419	Groundwater		8/14/2019 10:45	8/15/2019 10:00	<input type="checkbox"/>
19081137-22	ATR-MW31 (98.5)-G081419	Groundwater		8/14/2019 09:45	8/15/2019 10:00	<input type="checkbox"/>
19081137-23	ATR-MW31 (98.5)-G081419R	Groundwater		8/14/2019 09:45	8/15/2019 10:00	<input type="checkbox"/>
19081137-24	ATR-MW31 (30.9)-G081419	Groundwater		8/14/2019 09:00	8/15/2019 10:00	<input type="checkbox"/>
19081137-25	ATR-MW51 (70)-G081419	Groundwater		8/14/2019 09:05	8/15/2019 10:00	<input type="checkbox"/>
19081137-26	ATR-MW51 (25)-G081419	Groundwater		8/14/2019 09:40	8/15/2019 10:00	<input type="checkbox"/>
19081137-27	ATR-MW50 (80)-G081419	Groundwater		8/14/2019 11:20	8/15/2019 10:00	<input type="checkbox"/>
19081137-28	ATR-MW50 (45)-G081419	Groundwater		8/14/2019 12:00	8/15/2019 10:00	<input type="checkbox"/>
19081137-29	ATR-MW29 (132)-G081419	Groundwater		8/14/2019 13:15	8/15/2019 10:00	<input type="checkbox"/>
19081137-30	ATR-MW29 (82.5)-G081419	Groundwater		8/14/2019 14:00	8/15/2019 10:00	<input type="checkbox"/>
19081137-31	ATR-MW29 (103.3)-G081419	Groundwater		8/14/2019 14:45	8/15/2019 10:00	<input type="checkbox"/>
19081137-32	ATR-TB001-081419	Groundwater		8/14/2019	8/15/2019 10:00	<input type="checkbox"/>

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
WorkOrder: 19081137

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	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.

<u>Acronym</u>	<u>Description</u>
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

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter

Client: Wood Environment & Infrastructure Solutions, Inc
Project: TFS Rochester (3359-15-1040)
Work Order: 19081137

Case Narrative

Samples for the above noted Work Order were received on 08/15/19. 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 R269027a, Method VOC_8260_W, Sample 19081137-06A MS and -06A MSD: The VOC MS and/or MSD recoveries were below the lower control limit. The corresponding result in the parent sample may be biased low for multiple analytes. Please referenced QC Report for full compound list.

Batch R269101, Method VOC_8260_W, Sample 19081137-24A MSD: The VOC MSD recovery was outside of the control limit. However, the MS recovery and the RPD between the MS and MSD was in control. No qualification is required for 1,1-Dichloroethene.

No other deviations or anomalies were noted.

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW37 (23.3)- G081319

Lab ID: 19081137-01

Collection Date: 8/13/2019 11:10 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
2-Butanone	ND		5.0	µg/L	1	8/23/2019 02:57 PM
2-Hexanone	ND		5.0	µg/L	1	8/23/2019 02:57 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Acetone	ND		10	µg/L	1	8/23/2019 02:57 PM
Benzene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Bromoform	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Bromomethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Carbon disulfide	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Chlorobenzene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Chloroethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Chloroform	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Chloromethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Ethylbenzene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
m,p-Xylene	ND		2.0	µg/L	1	8/23/2019 02:57 PM
Methylene chloride	ND		5.0	µg/L	1	8/23/2019 02:57 PM
o-Xylene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Styrene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Toluene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Trichloroethene	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Vinyl chloride	ND		1.0	µg/L	1	8/23/2019 02:57 PM
Xylenes, Total	ND		3.0	µg/L	1	8/23/2019 02:57 PM
Surr: 1,2-Dichloroethane-d4	100		75-120	%REC	1	8/23/2019 02:57 PM
Surr: 4-Bromofluorobenzene	94.0		80-110	%REC	1	8/23/2019 02:57 PM
Surr: Dibromofluoromethane	96.8		85-115	%REC	1	8/23/2019 02:57 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW37 (23.3)- G081319

Lab ID: 19081137-01

Collection Date: 8/13/2019 11:10 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	95.2		85-110	%REC	1	8/23/2019 02:57 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)
Sample ID: ATR-MW37 (70)- G081319
Collection Date: 8/13/2019 10:05 AM

Work Order: 19081137
Lab ID: 19081137-02
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
2-Butanone	ND		5.0	µg/L	1	8/23/2019 06:09 PM
2-Hexanone	ND		5.0	µg/L	1	8/23/2019 06:09 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Acetone	ND		10	µg/L	1	8/23/2019 06:09 PM
Benzene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Bromoform	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Bromomethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Carbon disulfide	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Chlorobenzene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Chloroethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Chloroform	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Chloromethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Ethylbenzene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
m,p-Xylene	ND		2.0	µg/L	1	8/23/2019 06:09 PM
Methylene chloride	ND		5.0	µg/L	1	8/23/2019 06:09 PM
o-Xylene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Styrene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Toluene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Trichloroethene	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Vinyl chloride	ND		1.0	µg/L	1	8/23/2019 06:09 PM
Xylenes, Total	ND		3.0	µg/L	1	8/23/2019 06:09 PM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/23/2019 06:09 PM
Surr: 4-Bromofluorobenzene	96.6		80-110	%REC	1	8/23/2019 06:09 PM
Surr: Dibromofluoromethane	98.8		85-115	%REC	1	8/23/2019 06:09 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW37 (70)- G081319

Lab ID: 19081137-02

Collection Date: 8/13/2019 10:05 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	103		85-110	%REC	1	8/23/2019 06:09 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: 19081137

Sample ID: ATR-MW37 (98)- G081319

Lab ID: 19081137-03

Collection Date: 8/13/2019 09:15 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 04:26 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 04:26 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Acetone	ND		10	µg/L	1	8/24/2019 04:26 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 04:26 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 04:26 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 04:26 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 04:26 PM
Surr: 1,2-Dichloroethane-d4	98.2		75-120	%REC	1	8/24/2019 04:26 PM
Surr: 4-Bromofluorobenzene	94.0		80-110	%REC	1	8/24/2019 04:26 PM
Surr: Dibromofluoromethane	97.5		85-115	%REC	1	8/24/2019 04:26 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW37 (98)- G081319

Lab ID: 19081137-03

Collection Date: 8/13/2019 09:15 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.8		85-110	%REC	1	8/24/2019 04:26 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: 19081137

Sample ID: ATR-MW39 (76.7)- G081319

Lab ID: 19081137-04

Collection Date: 8/13/2019 12:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
2-Butanone	ND		5.0	µg/L	1	8/23/2019 06:58 PM
2-Hexanone	ND		5.0	µg/L	1	8/23/2019 06:58 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Acetone	ND		10	µg/L	1	8/23/2019 06:58 PM
Benzene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Bromoform	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Bromomethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Carbon disulfide	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Chlorobenzene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Chloroethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Chloroform	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Chloromethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Ethylbenzene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
m,p-Xylene	ND		2.0	µg/L	1	8/23/2019 06:58 PM
Methylene chloride	ND		5.0	µg/L	1	8/23/2019 06:58 PM
o-Xylene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Styrene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Toluene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Trichloroethene	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Vinyl chloride	ND		1.0	µg/L	1	8/23/2019 06:58 PM
Xylenes, Total	ND		3.0	µg/L	1	8/23/2019 06:58 PM
Surr: 1,2-Dichloroethane-d4	81.8		75-120	%REC	1	8/23/2019 06:58 PM
Surr: 4-Bromofluorobenzene	92.1		80-110	%REC	1	8/23/2019 06:58 PM
Surr: Dibromofluoromethane	90.6		85-115	%REC	1	8/23/2019 06:58 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW39 (76.7)- G081319

Lab ID: 19081137-04

Collection Date: 8/13/2019 12:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	103		85-110	%REC	1	8/23/2019 06:58 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: 19081137

Sample ID: ATR-MW39 (29.3)- G081319

Lab ID: 19081137-05

Collection Date: 8/13/2019 01:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
2-Butanone	ND		5.0	µg/L	1	8/23/2019 07:22 PM
2-Hexanone	ND		5.0	µg/L	1	8/23/2019 07:22 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Acetone	ND		10	µg/L	1	8/23/2019 07:22 PM
Benzene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Bromoform	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Bromomethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Carbon disulfide	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Chlorobenzene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Chloroethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Chloroform	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Chloromethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Ethylbenzene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
m,p-Xylene	ND		2.0	µg/L	1	8/23/2019 07:22 PM
Methylene chloride	ND		5.0	µg/L	1	8/23/2019 07:22 PM
o-Xylene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Styrene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Toluene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Trichloroethene	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Vinyl chloride	ND		1.0	µg/L	1	8/23/2019 07:22 PM
Xylenes, Total	ND		3.0	µg/L	1	8/23/2019 07:22 PM
Surr: 1,2-Dichloroethane-d4	81.8		75-120	%REC	1	8/23/2019 07:22 PM
Surr: 4-Bromofluorobenzene	89.8		80-110	%REC	1	8/23/2019 07:22 PM
Surr: Dibromofluoromethane	90.1		85-115	%REC	1	8/23/2019 07:22 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW39 (29.3)- G081319

Lab ID: 19081137-05

Collection Date: 8/13/2019 01:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	106		85-110	%REC	1	8/23/2019 07:22 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)
Sample ID: ATR-MW39 (13)- G081319
Collection Date: 8/13/2019 02:00 PM

Work Order: 19081137
Lab ID: 19081137-06
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
2-Butanone	ND		5.0	µg/L	1	8/23/2019 07:47 PM
2-Hexanone	ND		5.0	µg/L	1	8/23/2019 07:47 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Acetone	ND		10	µg/L	1	8/23/2019 07:47 PM
Benzene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Bromoform	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Bromomethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Carbon disulfide	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Chlorobenzene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Chloroethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Chloroform	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Chloromethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Ethylbenzene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
m,p-Xylene	ND		2.0	µg/L	1	8/23/2019 07:47 PM
Methylene chloride	ND		5.0	µg/L	1	8/23/2019 07:47 PM
o-Xylene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Styrene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Toluene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Trichloroethene	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Vinyl chloride	ND		1.0	µg/L	1	8/23/2019 07:47 PM
Xylenes, Total	ND		3.0	µg/L	1	8/23/2019 07:47 PM
Surr: 1,2-Dichloroethane-d4	82.8		75-120	%REC	1	8/23/2019 07:47 PM
Surr: 4-Bromofluorobenzene	91.0		80-110	%REC	1	8/23/2019 07:47 PM
Surr: Dibromofluoromethane	90.2		85-115	%REC	1	8/23/2019 07:47 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW39 (13)- G081319

Lab ID: 19081137-06

Collection Date: 8/13/2019 02:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	102		85-110	%REC	1	8/23/2019 07:47 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: 19081137

Sample ID: ATR-EB001-081319

Lab ID: 19081137-07

Collection Date: 8/13/2019 02:55 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
2-Butanone	ND		5.0	µg/L	1	8/23/2019 08:11 PM
2-Hexanone	ND		5.0	µg/L	1	8/23/2019 08:11 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Acetone	ND		10	µg/L	1	8/23/2019 08:11 PM
Benzene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Bromoform	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Bromomethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Carbon disulfide	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Chlorobenzene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Chloroethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Chloroform	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Chloromethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Ethylbenzene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
m,p-Xylene	ND		2.0	µg/L	1	8/23/2019 08:11 PM
Methylene chloride	ND		5.0	µg/L	1	8/23/2019 08:11 PM
o-Xylene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Styrene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Toluene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Trichloroethene	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Vinyl chloride	ND		1.0	µg/L	1	8/23/2019 08:11 PM
Xylenes, Total	ND		3.0	µg/L	1	8/23/2019 08:11 PM
Surr: 1,2-Dichloroethane-d4	86.4		75-120	%REC	1	8/23/2019 08:11 PM
Surr: 4-Bromofluorobenzene	95.3		80-110	%REC	1	8/23/2019 08:11 PM
Surr: Dibromofluoromethane	94.6		85-115	%REC	1	8/23/2019 08:11 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-EB001-081319

Lab ID: 19081137-07

Collection Date: 8/13/2019 02:55 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	104		85-110	%REC	1	8/23/2019 08:11 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)
Sample ID: ATR-MW38 (102.5)- G081319
Collection Date: 8/13/2019 09:30 AM

Work Order: 19081137
Lab ID: 19081137-08
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
2-Butanone	ND		5.0	µg/L	1	8/23/2019 08:35 PM
2-Hexanone	ND		5.0	µg/L	1	8/23/2019 08:35 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Acetone	ND		10	µg/L	1	8/23/2019 08:35 PM
Benzene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Bromoform	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Bromomethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Carbon disulfide	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Chlorobenzene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Chloroethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Chloroform	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Chloromethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Ethylbenzene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
m,p-Xylene	ND		2.0	µg/L	1	8/23/2019 08:35 PM
Methylene chloride	ND		5.0	µg/L	1	8/23/2019 08:35 PM
o-Xylene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Styrene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Toluene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Trichloroethene	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Vinyl chloride	ND		1.0	µg/L	1	8/23/2019 08:35 PM
Xylenes, Total	ND		3.0	µg/L	1	8/23/2019 08:35 PM
Surr: 1,2-Dichloroethane-d4	96.3		75-120	%REC	1	8/23/2019 08:35 PM
Surr: 4-Bromofluorobenzene	92.6		80-110	%REC	1	8/23/2019 08:35 PM
Surr: Dibromofluoromethane	96.2		85-115	%REC	1	8/23/2019 08:35 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW38 (102.5)- G081319

Lab ID: 19081137-08

Collection Date: 8/13/2019 09:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.9		85-110	%REC	1	8/23/2019 08:35 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: 19081137

Sample ID: ATR-MW38 (20.8)- G081319

Lab ID: 19081137-09

Collection Date: 8/13/2019 12:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
2-Butanone	ND		5.0	µg/L	1	8/23/2019 08:59 PM
2-Hexanone	ND		5.0	µg/L	1	8/23/2019 08:59 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Acetone	ND		10	µg/L	1	8/23/2019 08:59 PM
Benzene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Bromoform	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Bromomethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Carbon disulfide	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Chlorobenzene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Chloroethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Chloroform	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Chloromethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Ethylbenzene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
m,p-Xylene	ND		2.0	µg/L	1	8/23/2019 08:59 PM
Methylene chloride	ND		5.0	µg/L	1	8/23/2019 08:59 PM
o-Xylene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Styrene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Toluene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Trichloroethene	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Vinyl chloride	ND		1.0	µg/L	1	8/23/2019 08:59 PM
Xylenes, Total	ND		3.0	µg/L	1	8/23/2019 08:59 PM
Surr: 1,2-Dichloroethane-d4	81.9		75-120	%REC	1	8/23/2019 08:59 PM
Surr: 4-Bromofluorobenzene	90.2		80-110	%REC	1	8/23/2019 08:59 PM
Surr: Dibromofluoromethane	90.6		85-115	%REC	1	8/23/2019 08:59 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW38 (20.8)- G081319

Lab ID: 19081137-09

Collection Date: 8/13/2019 12:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	109		85-110	%REC	1	8/23/2019 08:59 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: 19081137

Sample ID: ATR-MW38 (29.1)- G081319

Lab ID: 19081137-10

Collection Date: 8/13/2019 11:20 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
2-Butanone	ND		5.0	µg/L	1	8/25/2019 09:13 PM
2-Hexanone	ND		5.0	µg/L	1	8/25/2019 09:13 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Acetone	ND		10	µg/L	1	8/25/2019 09:13 PM
Benzene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Bromoform	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Bromomethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Carbon disulfide	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Chlorobenzene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Chloroethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Chloroform	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Chloromethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Ethylbenzene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
m,p-Xylene	ND		2.0	µg/L	1	8/25/2019 09:13 PM
Methylene chloride	ND		5.0	µg/L	1	8/25/2019 09:13 PM
o-Xylene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Styrene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Toluene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Trichloroethene	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Vinyl chloride	ND		1.0	µg/L	1	8/25/2019 09:13 PM
Xylenes, Total	ND		3.0	µg/L	1	8/25/2019 09:13 PM
Surr: 1,2-Dichloroethane-d4	98.8		75-120	%REC	1	8/25/2019 09:13 PM
Surr: 4-Bromofluorobenzene	98.0		80-110	%REC	1	8/25/2019 09:13 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	8/25/2019 09:13 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW38 (29.1)- G081319

Lab ID: 19081137-10

Collection Date: 8/13/2019 11:20 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	104		85-110	%REC	1	8/25/2019 09:13 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)
Sample ID: ATR-MW38 (69.9)- G081319
Collection Date: 8/13/2019 10:30 AM

Work Order: 19081137
Lab ID: 19081137-11
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
2-Butanone	ND		5.0	µg/L	1	8/25/2019 09:37 PM
2-Hexanone	ND		5.0	µg/L	1	8/25/2019 09:37 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Acetone	ND		10	µg/L	1	8/25/2019 09:37 PM
Benzene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Bromoform	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Bromomethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Carbon disulfide	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Chlorobenzene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Chloroethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Chloroform	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Chloromethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Ethylbenzene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
m,p-Xylene	ND		2.0	µg/L	1	8/25/2019 09:37 PM
Methylene chloride	ND		5.0	µg/L	1	8/25/2019 09:37 PM
o-Xylene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Styrene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Toluene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Trichloroethene	ND		1.0	µg/L	1	8/25/2019 09:37 PM
Vinyl chloride	2.4		1.0	µg/L	1	8/25/2019 09:37 PM
Xylenes, Total	ND		3.0	µg/L	1	8/25/2019 09:37 PM
Surr: 1,2-Dichloroethane-d4	101		75-120	%REC	1	8/25/2019 09:37 PM
Surr: 4-Bromofluorobenzene	95.3		80-110	%REC	1	8/25/2019 09:37 PM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/25/2019 09:37 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW38 (69.9)- G081319

Lab ID: 19081137-11

Collection Date: 8/13/2019 10:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	100		85-110	%REC	1	8/25/2019 09:37 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: 19081137

Sample ID: ATR-MW38 (69.9)- G081319R

Lab ID: 19081137-12

Collection Date: 8/13/2019 10:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
2-Butanone	ND		5.0	µg/L	1	8/25/2019 10:01 PM
2-Hexanone	ND		5.0	µg/L	1	8/25/2019 10:01 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Acetone	ND		10	µg/L	1	8/25/2019 10:01 PM
Benzene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Bromoform	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Bromomethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Carbon disulfide	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Chlorobenzene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Chloroethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Chloroform	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Chloromethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Ethylbenzene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
m,p-Xylene	ND		2.0	µg/L	1	8/25/2019 10:01 PM
Methylene chloride	ND		5.0	µg/L	1	8/25/2019 10:01 PM
o-Xylene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Styrene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Toluene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Trichloroethene	ND		1.0	µg/L	1	8/25/2019 10:01 PM
Vinyl chloride	3.0		1.0	µg/L	1	8/25/2019 10:01 PM
Xylenes, Total	ND		3.0	µg/L	1	8/25/2019 10:01 PM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/25/2019 10:01 PM
Surr: 4-Bromofluorobenzene	95.6		80-110	%REC	1	8/25/2019 10:01 PM
Surr: Dibromofluoromethane	104		85-115	%REC	1	8/25/2019 10:01 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW38 (69.9)- G081319R

Lab ID: 19081137-12

Collection Date: 8/13/2019 10:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.6		85-110	%REC	1	8/25/2019 10:01 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)
Sample ID: ATR-MW36 (92.4)- G081319
Collection Date: 8/13/2019 01:40 PM

Work Order: 19081137
Lab ID: 19081137-13
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
2-Butanone	ND		5.0	µg/L	1	8/25/2019 10:26 PM
2-Hexanone	ND		5.0	µg/L	1	8/25/2019 10:26 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Acetone	ND		10	µg/L	1	8/25/2019 10:26 PM
Benzene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Bromoform	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Bromomethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Carbon disulfide	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Chlorobenzene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Chloroethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Chloroform	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Chloromethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Ethylbenzene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
m,p-Xylene	ND		2.0	µg/L	1	8/25/2019 10:26 PM
Methylene chloride	ND		5.0	µg/L	1	8/25/2019 10:26 PM
o-Xylene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Styrene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Toluene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Trichloroethene	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Vinyl chloride	ND		1.0	µg/L	1	8/25/2019 10:26 PM
Xylenes, Total	ND		3.0	µg/L	1	8/25/2019 10:26 PM
Surr: 1,2-Dichloroethane-d4	101		75-120	%REC	1	8/25/2019 10:26 PM
Surr: 4-Bromofluorobenzene	98.1		80-110	%REC	1	8/25/2019 10:26 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	8/25/2019 10:26 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW36 (92.4)- G081319

Lab ID: 19081137-13

Collection Date: 8/13/2019 01:40 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	101		85-110	%REC	1	8/25/2019 10:26 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)
Sample ID: ATR-MW36 (124.5)- G081319
Collection Date: 8/13/2019 12:55 PM

Work Order: 19081137
Lab ID: 19081137-14
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
2-Butanone	ND		5.0	µg/L	1	8/25/2019 10:50 PM
2-Hexanone	ND		5.0	µg/L	1	8/25/2019 10:50 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Acetone	ND		10	µg/L	1	8/25/2019 10:50 PM
Benzene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Bromoform	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Bromomethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Carbon disulfide	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Chlorobenzene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Chloroethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Chloroform	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Chloromethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Ethylbenzene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
m,p-Xylene	ND		2.0	µg/L	1	8/25/2019 10:50 PM
Methylene chloride	ND		5.0	µg/L	1	8/25/2019 10:50 PM
o-Xylene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Styrene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Toluene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Trichloroethene	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Vinyl chloride	ND		1.0	µg/L	1	8/25/2019 10:50 PM
Xylenes, Total	ND		3.0	µg/L	1	8/25/2019 10:50 PM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/25/2019 10:50 PM
Surr: 4-Bromofluorobenzene	95.8		80-110	%REC	1	8/25/2019 10:50 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	8/25/2019 10:50 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW36 (124.5)- G081319

Lab ID: 19081137-14

Collection Date: 8/13/2019 12:55 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	95.6		85-110	%REC	1	8/25/2019 10:50 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)
Sample ID: ATR-MW36 (35.2)- G081319
Collection Date: 8/13/2019 02:40 PM

Work Order: 19081137
Lab ID: 19081137-15
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
2-Butanone	ND		5.0	µg/L	1	8/25/2019 11:14 PM
2-Hexanone	ND		5.0	µg/L	1	8/25/2019 11:14 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Acetone	ND		10	µg/L	1	8/25/2019 11:14 PM
Benzene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Bromoform	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Bromomethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Carbon disulfide	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Chlorobenzene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Chloroethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Chloroform	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Chloromethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Ethylbenzene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
m,p-Xylene	ND		2.0	µg/L	1	8/25/2019 11:14 PM
Methylene chloride	ND		5.0	µg/L	1	8/25/2019 11:14 PM
o-Xylene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Styrene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Toluene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Trichloroethene	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Vinyl chloride	ND		1.0	µg/L	1	8/25/2019 11:14 PM
Xylenes, Total	ND		3.0	µg/L	1	8/25/2019 11:14 PM
Surr: 1,2-Dichloroethane-d4	105		75-120	%REC	1	8/25/2019 11:14 PM
Surr: 4-Bromofluorobenzene	96.1		80-110	%REC	1	8/25/2019 11:14 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	8/25/2019 11:14 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW36 (35.2)- G081319

Lab ID: 19081137-15

Collection Date: 8/13/2019 02:40 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.8		85-110	%REC	1	8/25/2019 11:14 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: 19081137

Sample ID: ATR-MW35 (45)- G081419

Lab ID: 19081137-16

Collection Date: 8/14/2019 02:45 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
2-Butanone	ND		5.0	µg/L	1	8/25/2019 11:39 PM
2-Hexanone	ND		5.0	µg/L	1	8/25/2019 11:39 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Acetone	ND		10	µg/L	1	8/25/2019 11:39 PM
Benzene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Bromoform	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Bromomethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Carbon disulfide	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Chlorobenzene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Chloroethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Chloroform	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Chloromethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Ethylbenzene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
m,p-Xylene	ND		2.0	µg/L	1	8/25/2019 11:39 PM
Methylene chloride	ND		5.0	µg/L	1	8/25/2019 11:39 PM
o-Xylene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Styrene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Toluene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Trichloroethene	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Vinyl chloride	ND		1.0	µg/L	1	8/25/2019 11:39 PM
Xylenes, Total	ND		3.0	µg/L	1	8/25/2019 11:39 PM
Surr: 1,2-Dichloroethane-d4	103		75-120	%REC	1	8/25/2019 11:39 PM
Surr: 4-Bromofluorobenzene	94.8		80-110	%REC	1	8/25/2019 11:39 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	8/25/2019 11:39 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW35 (45)- G081419

Lab ID: 19081137-16

Collection Date: 8/14/2019 02:45 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.6		85-110	%REC	1	8/25/2019 11:39 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)
Sample ID: ATR-MW35 (90)- G081419
Collection Date: 8/14/2019 01:55 PM

Work Order: 19081137
Lab ID: 19081137-17
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 12:03 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 12:03 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Acetone	ND		10	µg/L	1	8/26/2019 12:03 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 12:03 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 12:03 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 12:03 PM
Vinyl chloride	2.3		1.0	µg/L	1	8/26/2019 12:03 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 12:03 PM
Surr: 1,2-Dichloroethane-d4	103		75-120	%REC	1	8/26/2019 12:03 PM
Surr: 4-Bromofluorobenzene	93.3		80-110	%REC	1	8/26/2019 12:03 PM
Surr: Dibromofluoromethane	97.1		85-115	%REC	1	8/26/2019 12:03 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW35 (90)- G081419

Lab ID: 19081137-17

Collection Date: 8/14/2019 01:55 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	103		85-110	%REC	1	8/26/2019 12:03 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: 19081137

Sample ID: ATR-EB001-081419

Lab ID: 19081137-18

Collection Date: 8/14/2019 01:55 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 12:27 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 12:27 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Acetone	ND		10	µg/L	1	8/26/2019 12:27 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 12:27 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 12:27 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 12:27 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 12:27 PM
Surr: 1,2-Dichloroethane-d4	104		75-120	%REC	1	8/26/2019 12:27 PM
Surr: 4-Bromofluorobenzene	95.7		80-110	%REC	1	8/26/2019 12:27 PM
Surr: Dibromofluoromethane	104		85-115	%REC	1	8/26/2019 12:27 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-EB001-081419

Lab ID: 19081137-18

Collection Date: 8/14/2019 01:55 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.5		85-110	%REC	1	8/26/2019 12:27 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: 19081137

Sample ID: ATR-MW35 (148)- G081419

Lab ID: 19081137-19

Collection Date: 8/14/2019 01:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 12:51 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 12:51 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Acetone	ND		10	µg/L	1	8/26/2019 12:51 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 12:51 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 12:51 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 12:51 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 12:51 PM
Surr: 1,2-Dichloroethane-d4	96.2		75-120	%REC	1	8/26/2019 12:51 PM
Surr: 4-Bromofluorobenzene	95.6		80-110	%REC	1	8/26/2019 12:51 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	8/26/2019 12:51 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW35 (148)- G081419

Lab ID: 19081137-19

Collection Date: 8/14/2019 01:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.2		85-110	%REC	1	8/26/2019 12:51 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: 19081137

Sample ID: ATR-MW31 (139.2)- G081419

Lab ID: 19081137-20

Collection Date: 8/14/2019 11:55 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 01:15 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 01:15 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Acetone	ND		10	µg/L	1	8/26/2019 01:15 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 01:15 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 01:15 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 01:15 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 01:15 AM
Surr: 1,2-Dichloroethane-d4	96.7		75-120	%REC	1	8/26/2019 01:15 AM
Surr: 4-Bromofluorobenzene	96.1		80-110	%REC	1	8/26/2019 01:15 AM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/26/2019 01:15 AM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW31 (139.2)- G081419

Lab ID: 19081137-20

Collection Date: 8/14/2019 11:55 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.6		85-110	%REC	1	8/26/2019 01:15 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)
 Sample ID: ATR-MW31 (55.5)-G081419
 Collection Date: 8/14/2019 10:45 AM

Work Order: 19081137
 Lab ID: 19081137-21
 Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 01:39 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 01:39 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Acetone	ND		10	µg/L	1	8/26/2019 01:39 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 01:39 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 01:39 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 01:39 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 01:39 AM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/26/2019 01:39 AM
Surr: 4-Bromofluorobenzene	92.6		80-110	%REC	1	8/26/2019 01:39 AM
Surr: Dibromofluoromethane	100		85-115	%REC	1	8/26/2019 01:39 AM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW31 (55.5)-G081419

Lab ID: 19081137-21

Collection Date: 8/14/2019 10:45 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.4		85-110	%REC	1	8/26/2019 01:39 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: 19081137

Sample ID: ATR-MW31 (98.5)-G081419

Lab ID: 19081137-22

Collection Date: 8/14/2019 09:45 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 02:03 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 02:03 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Acetone	ND		10	µg/L	1	8/26/2019 02:03 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 02:03 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 02:03 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 02:03 AM
Vinyl chloride	3.0		1.0	µg/L	1	8/26/2019 02:03 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 02:03 AM
Surr: 1,2-Dichloroethane-d4	103		75-120	%REC	1	8/26/2019 02:03 AM
Surr: 4-Bromofluorobenzene	93.0		80-110	%REC	1	8/26/2019 02:03 AM
Surr: Dibromofluoromethane	106		85-115	%REC	1	8/26/2019 02:03 AM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW31 (98.5)-G081419

Lab ID: 19081137-22

Collection Date: 8/14/2019 09:45 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	102		85-110	%REC	1	8/26/2019 02:03 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)
Sample ID: ATR-MW31 (98.5)-G081419R
Collection Date: 8/14/2019 09:45 AM

Work Order: 19081137
Lab ID: 19081137-23
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 02:28 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 02:28 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Acetone	ND		10	µg/L	1	8/26/2019 02:28 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 02:28 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 02:28 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 02:28 AM
Vinyl chloride	3.0		1.0	µg/L	1	8/26/2019 02:28 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 02:28 AM
Surr: 1,2-Dichloroethane-d4	99.8		75-120	%REC	1	8/26/2019 02:28 AM
Surr: 4-Bromofluorobenzene	93.0		80-110	%REC	1	8/26/2019 02:28 AM
Surr: Dibromofluoromethane	105		85-115	%REC	1	8/26/2019 02:28 AM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW31 (98.5)-G081419R

Lab ID: 19081137-23

Collection Date: 8/14/2019 09:45 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	101		85-110	%REC	1	8/26/2019 02:28 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: 19081137

Sample ID: ATR-MW31 (30.9)-G081419

Lab ID: 19081137-24

Collection Date: 8/14/2019 09:00 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 02:52 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 02:52 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Acetone	ND		10	µg/L	1	8/26/2019 02:52 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 02:52 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 02:52 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 02:52 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 02:52 AM
Surr: 1,2-Dichloroethane-d4	100		75-120	%REC	1	8/26/2019 02:52 AM
Surr: 4-Bromofluorobenzene	95.2		80-110	%REC	1	8/26/2019 02:52 AM
Surr: Dibromofluoromethane	97.4		85-115	%REC	1	8/26/2019 02:52 AM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW31 (30.9)-G081419

Lab ID: 19081137-24

Collection Date: 8/14/2019 09:00 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	94.3		85-110	%REC	1	8/26/2019 02:52 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)
Sample ID: ATR-MW51 (70)-G081419
Collection Date: 8/14/2019 09:05 AM

Work Order: 19081137
Lab ID: 19081137-25
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 03:16 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 03:16 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Acetone	ND		10	µg/L	1	8/26/2019 03:16 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 03:16 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 03:16 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 03:16 AM
Vinyl chloride	1.2		1.0	µg/L	1	8/26/2019 03:16 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 03:16 AM
Surr: 1,2-Dichloroethane-d4	98.8		75-120	%REC	1	8/26/2019 03:16 AM
Surr: 4-Bromofluorobenzene	94.2		80-110	%REC	1	8/26/2019 03:16 AM
Surr: Dibromofluoromethane	99.7		85-115	%REC	1	8/26/2019 03:16 AM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW51 (70)-G081419

Lab ID: 19081137-25

Collection Date: 8/14/2019 09:05 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	102		85-110	%REC	1	8/26/2019 03:16 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: 19081137

Sample ID: ATR-MW51 (25)-G081419

Lab ID: 19081137-26

Collection Date: 8/14/2019 09:40 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 03:40 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 03:40 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Acetone	ND		10	µg/L	1	8/26/2019 03:40 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 03:40 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 03:40 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 03:40 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 03:40 AM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/26/2019 03:40 AM
Surr: 4-Bromofluorobenzene	96.4		80-110	%REC	1	8/26/2019 03:40 AM
Surr: Dibromofluoromethane	99.0		85-115	%REC	1	8/26/2019 03:40 AM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW51 (25)-G081419

Lab ID: 19081137-26

Collection Date: 8/14/2019 09:40 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.4		85-110	%REC	1	8/26/2019 03:40 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)
Sample ID: ATR-MW50 (80)-G081419
Collection Date: 8/14/2019 11:20 AM

Work Order: 19081137
Lab ID: 19081137-27
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 04:05 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 04:05 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Acetone	ND		10	µg/L	1	8/26/2019 04:05 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
cis-1,2-Dichloroethene	1.2		1.0	µg/L	1	8/26/2019 04:05 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 04:05 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 04:05 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 04:05 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 04:05 AM
Surr: 1,2-Dichloroethane-d4	101		75-120	%REC	1	8/26/2019 04:05 AM
Surr: 4-Bromofluorobenzene	95.8		80-110	%REC	1	8/26/2019 04:05 AM
Surr: Dibromofluoromethane	98.1		85-115	%REC	1	8/26/2019 04:05 AM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW50 (80)-G081419

Lab ID: 19081137-27

Collection Date: 8/14/2019 11:20 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.3		85-110	%REC	1	8/26/2019 04:05 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: 19081137

Sample ID: ATR-MW50 (45)-G081419

Lab ID: 19081137-28

Collection Date: 8/14/2019 12:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 02:49 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 02:49 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Acetone	ND		10	µg/L	1	8/24/2019 02:49 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
cis-1,2-Dichloroethene	1.4		1.0	µg/L	1	8/24/2019 02:49 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 02:49 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 02:49 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 02:49 PM
Vinyl chloride	1.3		1.0	µg/L	1	8/24/2019 02:49 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 02:49 PM
Surr: 1,2-Dichloroethane-d4	99.8		75-120	%REC	1	8/24/2019 02:49 PM
Surr: 4-Bromofluorobenzene	94.6		80-110	%REC	1	8/24/2019 02:49 PM
Surr: Dibromofluoromethane	97.6		85-115	%REC	1	8/24/2019 02:49 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW50 (45)-G081419

Lab ID: 19081137-28

Collection Date: 8/14/2019 12:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	101		85-110	%REC	1	8/24/2019 02:49 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: 19081137

Sample ID: ATR-MW29 (132)-G081419

Lab ID: 19081137-29

Collection Date: 8/14/2019 01:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 03:13 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 03:13 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Acetone	ND		10	µg/L	1	8/24/2019 03:13 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 03:13 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 03:13 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 03:13 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 03:13 PM
Surr: 1,2-Dichloroethane-d4	96.7		75-120	%REC	1	8/24/2019 03:13 PM
Surr: 4-Bromofluorobenzene	95.0		80-110	%REC	1	8/24/2019 03:13 PM
Surr: Dibromofluoromethane	99.8		85-115	%REC	1	8/24/2019 03:13 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW29 (132)-G081419

Lab ID: 19081137-29

Collection Date: 8/14/2019 01:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.6		85-110	%REC	1	8/24/2019 03:13 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: 19081137

Sample ID: ATR-MW29 (82.5)-G081419

Lab ID: 19081137-30

Collection Date: 8/14/2019 02:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 03:38 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 03:38 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Acetone	ND		10	µg/L	1	8/24/2019 03:38 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 03:38 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 03:38 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 03:38 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 03:38 PM
Surr: 1,2-Dichloroethane-d4	99.0		75-120	%REC	1	8/24/2019 03:38 PM
Surr: 4-Bromofluorobenzene	93.0		80-110	%REC	1	8/24/2019 03:38 PM
Surr: Dibromofluoromethane	97.0		85-115	%REC	1	8/24/2019 03:38 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW29 (82.5)-G081419

Lab ID: 19081137-30

Collection Date: 8/14/2019 02:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.0		85-110	%REC	1	8/24/2019 03:38 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)
Sample ID: ATR-MW29 (103.3)-G081419
Collection Date: 8/14/2019 02:45 PM

Work Order: 19081137
Lab ID: 19081137-31
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 04:02 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 04:02 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Acetone	ND		10	µg/L	1	8/24/2019 04:02 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 04:02 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 04:02 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 04:02 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 04:02 PM
Surr: 1,2-Dichloroethane-d4	97.1		75-120	%REC	1	8/24/2019 04:02 PM
Surr: 4-Bromofluorobenzene	95.2		80-110	%REC	1	8/24/2019 04:02 PM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/24/2019 04:02 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-MW29 (103.3)-G081419

Lab ID: 19081137-31

Collection Date: 8/14/2019 02:45 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.2		85-110	%REC	1	8/24/2019 04:02 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-TB001-081419

Lab ID: 19081137-32

Collection Date: 8/14/2019

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
2-Butanone	ND		5.0	µg/L	1	8/23/2019 04:33 PM
2-Hexanone	ND		5.0	µg/L	1	8/23/2019 04:33 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Acetone	ND		10	µg/L	1	8/23/2019 04:33 PM
Benzene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Bromoform	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Bromomethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Carbon disulfide	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Chlorobenzene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Chloroethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Chloroform	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Chloromethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Ethylbenzene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
m,p-Xylene	ND		2.0	µg/L	1	8/23/2019 04:33 PM
Methylene chloride	ND		5.0	µg/L	1	8/23/2019 04:33 PM
o-Xylene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Styrene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Toluene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Trichloroethene	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Vinyl chloride	ND		1.0	µg/L	1	8/23/2019 04:33 PM
Xylenes, Total	ND		3.0	µg/L	1	8/23/2019 04:33 PM
Surr: 1,2-Dichloroethane-d4	99.0		75-120	%REC	1	8/23/2019 04:33 PM
Surr: 4-Bromofluorobenzene	96.8		80-110	%REC	1	8/23/2019 04:33 PM
Surr: Dibromofluoromethane	99.2		85-115	%REC	1	8/23/2019 04:33 PM

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

ALS Group, USA

Date: 26-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081137

Sample ID: ATR-TB001-081419

Lab ID: 19081137-32

Collection Date: 8/14/2019

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.2		85-110	%REC	1	8/23/2019 04:33 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081137
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269027a** Instrument ID **VMS6** Method: **SW8260C**

MBLK		Sample ID: VBK1-190823-R269027a				Units: µg/L		Analysis Date: 8/23/2019 02:08 PM		
Client ID:		Run ID: VMS6_190823A		SeqNo: 5867794		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>20.61</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>103</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.26</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96.3</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>19.72</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.6</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>20.16</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081137
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269027a** Instrument ID **VMS6** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190823-R269027a				Units: µg/L		Analysis Date: 8/23/2019 01:20 PM		
Client ID:		Run ID: VMS6_190823A			SeqNo: 5867793		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	20.87	1.0	20	0	104	75-130	0			
1,1,2,2-Tetrachloroethane	21.36	1.0	20	0	107	75-130	0			
1,1,2-Trichloroethane	21.56	1.0	20	0	108	75-125	0			
1,1-Dichloroethane	22.81	1.0	20	0	114	68-142	0			
1,1-Dichloroethene	22.35	1.0	20	0	112	70-145	0			
1,2-Dichloroethane	21.31	1.0	20	0	107	78-125	0			
1,2-Dichloropropane	19.39	1.0	20	0	97	75-125	0			
2-Butanone	21.66	5.0	20	0	108	55-150	0			
2-Hexanone	18.42	5.0	20	0	92.1	60-135	0			
4-Methyl-2-pentanone	27.29	1.0	20	0	136	77-178	0			
Acetone	26.38	10	20	0	132	60-160	0			
Benzene	19.68	1.0	20	0	98.4	85-125	0			
Bromodichloromethane	21.7	1.0	20	0	108	75-125	0			
Bromoform	18.85	1.0	20	0	94.2	60-125	0			
Bromomethane	24.87	1.0	20	0	124	30-185	0			
Carbon disulfide	22.95	1.0	20	0	115	60-165	0			
Carbon tetrachloride	18.5	1.0	20	0	92.5	65-140	0			
Chlorobenzene	19.87	1.0	20	0	99.4	80-120	0			
Chloroethane	21.52	1.0	20	0	108	31-172	0			
Chloroform	20.44	1.0	20	0	102	80-130	0			
Chloromethane	24.78	1.0	20	0	124	46-148	0			
cis-1,2-Dichloroethene	21.42	1.0	20	0	107	75-134	0			
cis-1,3-Dichloropropene	22.34	1.0	20	0	112	70-130	0			
Dibromochloromethane	18.96	1.0	20	0	94.8	60-115	0			
Ethylbenzene	19.96	1.0	20	0	99.8	76-123	0			
m,p-Xylene	41	2.0	40	0	102	75-130	0			
Methylene chloride	21.17	5.0	20	0	106	72-125	0			
o-Xylene	21.07	1.0	20	0	105	76-127	0			
Styrene	21.6	1.0	20	0	108	83-137	0			
Tetrachloroethene	18.5	1.0	20	0	92.5	68-166	0			
Toluene	21.38	1.0	20	0	107	76-125	0			
trans-1,2-Dichloroethene	22.41	1.0	20	0	112	80-140	0			
trans-1,3-Dichloropropene	18.4	1.0	20	0	92	56-132	0			
Trichloroethene	19.65	1.0	20	0	98.2	77-125	0			
Vinyl chloride	21.65	1.0	20	0	108	50-136	0			
Xylenes, Total	62.07	3.0	60	0	103	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	19.52	0	20	0	97.6	75-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.43	0	20	0	102	80-110	0			
<i>Surr: Dibromofluoromethane</i>	20.52	0	20	0	103	85-115	0			
<i>Surr: Toluene-d8</i>	20.36	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: 19081137
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269027a** Instrument ID **VMS6** Method: **SW8260C**

MS		Sample ID: 19081137-06A MS				Units: µg/L		Analysis Date: 8/23/2019 09:23 PM		
Client ID: ATR-MW39 (13)- G081319		Run ID: VMS6_190823A		SeqNo: 5867805		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	20.76	1.0	20	0	104	75-130	0			
1,1,2,2-Tetrachloroethane	15.04	1.0	20	0	75.2	75-130	0			
1,1,2-Trichloroethane	15.81	1.0	20	0	79	75-125	0			
1,1-Dichloroethane	21.01	1.0	20	0	105	68-142	0			
1,1-Dichloroethene	20.69	1.0	20	0	103	70-145	0			
1,2-Dichloroethane	15.71	1.0	20	0	78.6	78-125	0			
1,2-Dichloropropane	17.42	1.0	20	0	87.1	75-125	0			
2-Butanone	15.01	5.0	20	0	75	55-150	0			
2-Hexanone	13.49	5.0	20	0	67.4	60-135	0			
4-Methyl-2-pentanone	18.39	1.0	20	0	92	77-178	0			
Acetone	16.56	10	20	1.62	74.7	60-160	0			
Benzene	18.78	1.0	20	0	93.9	85-125	0			
Bromodichloromethane	16.61	1.0	20	0	83	75-125	0			
Bromoform	12.71	1.0	20	0	63.6	60-125	0			
Bromomethane	17.77	1.0	20	0	88.8	30-185	0			
Carbon disulfide	17.97	1.0	20	0	89.8	60-165	0			
Carbon tetrachloride	19.44	1.0	20	0	97.2	65-140	0			
Chlorobenzene	19.52	1.0	20	0	97.6	80-120	0			
Chloroethane	17.95	1.0	20	0	89.8	31-172	0			
Chloroform	18.75	1.0	20	0	93.8	80-130	0			
Chloromethane	15.42	1.0	20	0	77.1	46-148	0			
cis-1,2-Dichloroethene	19.61	1.0	20	0	98	75-134	0			
cis-1,3-Dichloropropene	17.07	1.0	20	0	85.4	70-130	0			
Dibromochloromethane	13.12	1.0	20	0	65.6	60-115	0			
Ethylbenzene	21.47	1.0	20	0	107	76-123	0			
m,p-Xylene	43.06	2.0	40	0	108	75-130	0			
Methylene chloride	18.18	5.0	20	0	90.9	72-125	0			
o-Xylene	21.22	1.0	20	0	106	76-127	0			
Styrene	20.83	1.0	20	0	104	83-137	0			
Tetrachloroethene	20.46	1.0	20	0	102	68-166	0			
Toluene	21.39	1.0	20	0	107	76-125	0			
trans-1,2-Dichloroethene	20.39	1.0	20	0	102	80-140	0			
trans-1,3-Dichloropropene	13.53	1.0	20	0	67.6	56-132	0			
Trichloroethene	19.07	1.0	20	0	95.4	77-125	0			
Vinyl chloride	16.95	1.0	20	0	84.8	50-136	0			
Xylenes, Total	64.28	3.0	60	0	107	76-127	0			
Surr: 1,2-Dichloroethane-d4	16.32	0	20	0	81.6	75-120	0			
Surr: 4-Bromofluorobenzene	19.83	0	20	0	99.2	80-110	0			
Surr: Dibromofluoromethane	18.65	0	20	0	93.2	85-115	0			
Surr: Toluene-d8	20.8	0	20	0	104	85-110	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081137
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269027a** Instrument ID **VMS6** Method: **SW8260C**

MSD		Sample ID: 19081137-06A MSD				Units: µg/L		Analysis Date: 8/23/2019 09:47 PM		
Client ID: ATR-MW39 (13)- G081319		Run ID: VMS6_190823A		SeqNo: 5867806		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	22.32	1.0	20	0	112	75-130	20.76	7.24	30	
1,1,2,2-Tetrachloroethane	15.05	1.0	20	0	75.2	75-130	15.04	0.0665	30	
1,1,2-Trichloroethane	14.85	1.0	20	0	74.2	75-125	15.81	6.26	30	S
1,1-Dichloroethane	21.81	1.0	20	0	109	68-142	21.01	3.74	30	
1,1-Dichloroethene	22.27	1.0	20	0	111	70-145	20.69	7.36	30	
1,2-Dichloroethane	16.52	1.0	20	0	82.6	78-125	15.71	5.03	30	
1,2-Dichloropropane	18.28	1.0	20	0	91.4	75-125	17.42	4.82	30	
2-Butanone	15.26	5.0	20	0	76.3	55-150	15.01	1.65	30	
2-Hexanone	12.32	5.0	20	0	61.6	60-135	13.49	9.07	30	
4-Methyl-2-pentanone	18.25	1.0	20	0	91.2	77-178	18.39	0.764	30	
Acetone	16.4	10	20	1.62	73.9	60-160	16.56	0.971	30	
Benzene	20.06	1.0	20	0	100	85-125	18.78	6.59	30	
Bromodichloromethane	16.86	1.0	20	0	84.3	75-125	16.61	1.49	30	
Bromoform	13.13	1.0	20	0	65.6	60-125	12.71	3.25	30	
Bromomethane	21.89	1.0	20	0	109	30-185	17.77	20.8	30	
Carbon disulfide	18.14	1.0	20	0	90.7	60-165	17.97	0.942	30	
Carbon tetrachloride	20.58	1.0	20	0	103	65-140	19.44	5.7	30	
Chlorobenzene	19.25	1.0	20	0	96.2	80-120	19.52	1.39	30	
Chloroethane	19.61	1.0	20	0	98	31-172	17.95	8.84	30	
Chloroform	18.82	1.0	20	0	94.1	80-130	18.75	0.373	30	
Chloromethane	16.84	1.0	20	0	84.2	46-148	15.42	8.8	30	
cis-1,2-Dichloroethene	20.87	1.0	20	0	104	75-134	19.61	6.23	30	
cis-1,3-Dichloropropene	17.95	1.0	20	0	89.8	70-130	17.07	5.03	30	
Dibromochloromethane	14.15	1.0	20	0	70.8	60-115	13.12	7.55	30	
Ethylbenzene	21.05	1.0	20	0	105	76-123	21.47	1.98	30	
m,p-Xylene	42.33	2.0	40	0	106	75-130	43.06	1.71	30	
Methylene chloride	18.48	5.0	20	0	92.4	72-125	18.18	1.64	30	
o-Xylene	21.12	1.0	20	0	106	76-127	21.22	0.472	30	
Styrene	20.6	1.0	20	0	103	83-137	20.83	1.11	30	
Tetrachloroethene	21.01	1.0	20	0	105	68-166	20.46	2.65	30	
Toluene	21.31	1.0	20	0	107	76-125	21.39	0.375	30	
trans-1,2-Dichloroethene	21.77	1.0	20	0	109	80-140	20.39	6.55	30	
trans-1,3-Dichloropropene	13.67	1.0	20	0	68.4	56-132	13.53	1.03	30	
Trichloroethene	21.58	1.0	20	0	108	77-125	19.07	12.3	30	
Vinyl chloride	18.09	1.0	20	0	90.4	50-136	16.95	6.51	30	
Xylenes, Total	63.45	3.0	60	0	106	76-127	64.28	1.3	30	
Surr: 1,2-Dichloroethane-d4	17.14	0	20	0	85.7	75-120	16.32	4.9	30	
Surr: 4-Bromofluorobenzene	19.27	0	20	0	96.4	80-110	19.83	2.86	30	
Surr: Dibromofluoromethane	19.88	0	20	0	99.4	85-115	18.65	6.38	30	
Surr: Toluene-d8	20.39	0	20	0	102	85-110	20.8	1.99	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081137

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269027a**

Instrument ID **VMS6**

Method: **SW8260C**

The following samples were analyzed in this batch:

19081137-01A	19081137-02A	19081137-03A
19081137-04A	19081137-05A	19081137-06A
19081137-07A	19081137-08A	19081137-09A
19081137-32A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081137

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269067** Instrument ID **VMS6** Method: **SW8260C**

MBLK		Sample ID: VBLKW1-190824-R269067				Units: µg/L		Analysis Date: 8/24/2019 02:25 PM		
Client ID:		Run ID: VMS6_190824A		SeqNo: 5869860		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>18.86</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94.3</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>18.86</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94.3</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>18.63</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>93.2</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.22</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96.1</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081137
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269067** Instrument ID **VMS6** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190824-R269067				Units: µg/L		Analysis Date: 8/24/2019 01:37 PM		
Client ID:		Run ID: VMS6_190824A			SeqNo: 5869859		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	23.34	1.0	20	0	117	75-130	0			
1,1,2,2-Tetrachloroethane	21.44	1.0	20	0	107	75-130	0			
1,1,2-Trichloroethane	20.57	1.0	20	0	103	75-125	0			
1,1-Dichloroethane	23.32	1.0	20	0	117	68-142	0			
1,1-Dichloroethene	23.57	1.0	20	0	118	70-145	0			
1,2-Dichloroethane	20.49	1.0	20	0	102	78-125	0			
1,2-Dichloropropane	19.19	1.0	20	0	96	75-125	0			
2-Butanone	18.85	5.0	20	0	94.2	55-150	0			
2-Hexanone	15.02	5.0	20	0	75.1	60-135	0			
4-Methyl-2-pentanone	23.67	1.0	20	0	118	77-178	0			
Acetone	25.57	10	20	0	128	60-160	0			
Benzene	20.64	1.0	20	0	103	85-125	0			
Bromodichloromethane	21.66	1.0	20	0	108	75-125	0			
Bromoform	19.87	1.0	20	0	99.4	60-125	0			
Bromomethane	25.26	1.0	20	0	126	30-185	0			
Carbon disulfide	23.5	1.0	20	0	118	60-165	0			
Carbon tetrachloride	21.73	1.0	20	0	109	65-140	0			
Chlorobenzene	21.19	1.0	20	0	106	80-120	0			
Chloroethane	20.29	1.0	20	0	101	31-172	0			
Chloroform	20.31	1.0	20	0	102	80-130	0			
Chloromethane	22.43	1.0	20	0	112	46-148	0			
cis-1,2-Dichloroethene	22.14	1.0	20	0	111	75-134	0			
cis-1,3-Dichloropropene	22.9	1.0	20	0	114	70-130	0			
Dibromochloromethane	19.43	1.0	20	0	97.2	60-115	0			
Ethylbenzene	21.91	1.0	20	0	110	76-123	0			
m,p-Xylene	44.12	2.0	40	0	110	75-130	0			
Methylene chloride	20.46	5.0	20	0	102	72-125	0			
o-Xylene	21.88	1.0	20	0	109	76-127	0			
Styrene	23.09	1.0	20	0	115	83-137	0			
Tetrachloroethene	22.72	1.0	20	0	114	68-166	0			
Toluene	21.99	1.0	20	0	110	76-125	0			
trans-1,2-Dichloroethene	23.23	1.0	20	0	116	80-140	0			
trans-1,3-Dichloropropene	19.37	1.0	20	0	96.8	56-132	0			
Trichloroethene	21.51	1.0	20	0	108	77-125	0			
Vinyl chloride	20.72	1.0	20	0	104	50-136	0			
Xylenes, Total	66	3.0	60	0	110	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.19</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.45</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>19.65</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.2</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.74</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.7</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081137
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269067** Instrument ID **VMS6** Method: **SW8260C**

MS		Sample ID: 19081281-18A MS				Units: µg/L		Analysis Date: 8/24/2019 10:52 PM		
Client ID:		Run ID: VMS6_190824A			SeqNo: 5869881		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	26.74	1.0	20	0	134	75-130	0			S
1,1,2,2-Tetrachloroethane	21.06	1.0	20	0	105	75-130	0			
1,1,2-Trichloroethane	20.37	1.0	20	0	102	75-125	0			
1,1-Dichloroethane	26.23	1.0	20	0	131	68-142	0			
1,1-Dichloroethene	28.81	1.0	20	0	144	70-145	0			
1,2-Dichloroethane	22.47	1.0	20	0	112	78-125	0			
1,2-Dichloropropane	21.56	1.0	20	0	108	75-125	0			
2-Butanone	20.29	5.0	20	0	101	55-150	0			
2-Hexanone	16.23	5.0	20	0	81.2	60-135	0			
4-Methyl-2-pentanone	22.02	1.0	20	0	110	77-178	0			
Acetone	25.57	10	20	3.65	110	60-160	0			
Benzene	23.28	1.0	20	0	116	85-125	0			
Bromodichloromethane	22.89	1.0	20	0	114	75-125	0			
Bromoform	19.05	1.0	20	0	95.2	60-125	0			
Bromomethane	18.32	1.0	20	0	91.6	30-185	0			
Carbon disulfide	26.48	1.0	20	0	132	60-165	0			
Carbon tetrachloride	25.21	1.0	20	0	126	65-140	0			
Chlorobenzene	21.24	1.0	20	0	106	80-120	0			
Chloroethane	25.11	1.0	20	0	126	31-172	0			
Chloroform	22.75	1.0	20	0	114	80-130	0			
Chloromethane	26.54	1.0	20	0	133	46-148	0			
cis-1,2-Dichloroethene	24.73	1.0	20	0	124	75-134	0			
cis-1,3-Dichloropropene	21.14	1.0	20	0	106	70-130	0			
Dibromochloromethane	18.7	1.0	20	0	93.5	60-115	0			
Ethylbenzene	22.97	1.0	20	0	115	76-123	0			
m,p-Xylene	46.83	2.0	40	0	117	75-130	0			
Methylene chloride	24.07	5.0	20	0	120	72-125	0			
o-Xylene	23.15	1.0	20	0	116	76-127	0			
Styrene	23.42	1.0	20	0	117	83-137	0			
Tetrachloroethene	24.75	1.0	20	0	124	68-166	0			
Toluene	22.89	1.0	20	0	114	76-125	0			
trans-1,2-Dichloroethene	27.5	1.0	20	0	138	80-140	0			
trans-1,3-Dichloropropene	17.51	1.0	20	0	87.6	56-132	0			
Trichloroethene	25.15	1.0	20	0	126	77-125	0			S
Vinyl chloride	26.15	1.0	20	0	131	50-136	0			
Xylenes, Total	69.98	3.0	60	0	117	76-127	0			
Surr: 1,2-Dichloroethane-d4	19.95	0	20	0	99.8	75-120	0			
Surr: 4-Bromofluorobenzene	19.8	0	20	0	99	80-110	0			
Surr: Dibromofluoromethane	20.2	0	20	0	101	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: 19081137
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269067** Instrument ID **VMS6** Method: **SW8260C**

MSD		Sample ID: 19081281-18A MSD				Units: µg/L		Analysis Date: 8/24/2019 11:16 PM		
Client ID:		Run ID: VMS6_190824A			SeqNo: 5869882		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	25.45	1.0	20	0	127	75-130	26.74	4.94	30	
1,1,2,2-Tetrachloroethane	21.88	1.0	20	0	109	75-130	21.06	3.82	30	
1,1,2-Trichloroethane	22.75	1.0	20	0	114	75-125	20.37	11	30	
1,1-Dichloroethane	26.82	1.0	20	0	134	68-142	26.23	2.22	30	
1,1-Dichloroethene	28.59	1.0	20	0	143	70-145	28.81	0.767	30	
1,2-Dichloroethane	21.68	1.0	20	0	108	78-125	22.47	3.58	30	
1,2-Dichloropropane	21.54	1.0	20	0	108	75-125	21.56	0.0928	30	
2-Butanone	19.6	5.0	20	0	98	55-150	20.29	3.46	30	
2-Hexanone	14.84	5.0	20	0	74.2	60-135	16.23	8.95	30	
4-Methyl-2-pentanone	24.41	1.0	20	0	122	77-178	22.02	10.3	30	
Acetone	21.08	10	20	3.65	87.2	60-160	25.57	19.2	30	
Benzene	22.18	1.0	20	0	111	85-125	23.28	4.84	30	
Bromodichloromethane	24.36	1.0	20	0	122	75-125	22.89	6.22	30	
Bromoform	19.48	1.0	20	0	97.4	60-125	19.05	2.23	30	
Bromomethane	23.05	1.0	20	0	115	30-185	18.32	22.9	30	
Carbon disulfide	27.42	1.0	20	0	137	60-165	26.48	3.49	30	
Carbon tetrachloride	24.65	1.0	20	0	123	65-140	25.21	2.25	30	
Chlorobenzene	21.73	1.0	20	0	109	80-120	21.24	2.28	30	
Chloroethane	25.73	1.0	20	0	129	31-172	25.11	2.44	30	
Chloroform	23.78	1.0	20	0	119	80-130	22.75	4.43	30	
Chloromethane	26.9	1.0	20	0	134	46-148	26.54	1.35	30	
cis-1,2-Dichloroethene	24.77	1.0	20	0	124	75-134	24.73	0.162	30	
cis-1,3-Dichloropropene	22.06	1.0	20	0	110	70-130	21.14	4.26	30	
Dibromochloromethane	19.92	1.0	20	0	99.6	60-115	18.7	6.32	30	
Ethylbenzene	23.11	1.0	20	0	116	76-123	22.97	0.608	30	
m,p-Xylene	46.64	2.0	40	0	117	75-130	46.83	0.407	30	
Methylene chloride	24.2	5.0	20	0	121	72-125	24.07	0.539	30	
o-Xylene	23.6	1.0	20	0	118	76-127	23.15	1.93	30	
Styrene	23.99	1.0	20	0	120	83-137	23.42	2.4	30	
Tetrachloroethene	23.99	1.0	20	0	120	68-166	24.75	3.12	30	
Toluene	23.31	1.0	20	0	117	76-125	22.89	1.82	30	
trans-1,2-Dichloroethene	27.05	1.0	20	0	135	80-140	27.5	1.65	30	
trans-1,3-Dichloropropene	17.84	1.0	20	0	89.2	56-132	17.51	1.87	30	
Trichloroethene	24.07	1.0	20	0	120	77-125	25.15	4.39	30	
Vinyl chloride	25.88	1.0	20	0	129	50-136	26.15	1.04	30	
Xylenes, Total	70.24	3.0	60	0	117	76-127	69.98	0.371	30	
Surr: 1,2-Dichloroethane-d4	19.59	0	20	0	98	75-120	19.95	1.82	30	
Surr: 4-Bromofluorobenzene	19.86	0	20	0	99.3	80-110	19.8	0.303	30	
Surr: Dibromofluoromethane	20.3	0	20	0	102	85-115	20.2	0.494	30	
Surr: Toluene-d8	19.72	0	20	0	98.6	85-110	19.42	1.53	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081137

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269067**

Instrument ID **VMS6**

Method: **SW8260C**

The following samples were analyzed in this batch:

19081137-03A	19081137-28A	19081137-29A
19081137-30A	19081137-31A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081137
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269101** Instrument ID **VMS6** Method: **SW8260C**

MBLK		Sample ID: VBLKW1-190825-R269101				Units: µg/L		Analysis Date: 8/25/2019 08:49 PM		
Client ID:		Run ID: VMS6_190825A		SeqNo: 5870209		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.88</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.4</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.41</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.22</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>20.82</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>104</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081137
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269101** Instrument ID **VMS6** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190825-R269101				Units: µg/L		Analysis Date: 8/25/2019 07:49 PM		
Client ID:		Run ID: VMS6_190825A			SeqNo: 5870207		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	25.37	1.0	20	0	127	75-130	0			
1,1,2,2-Tetrachloroethane	20.03	1.0	20	0	100	75-130	0			
1,1,2-Trichloroethane	18.36	1.0	20	0	91.8	75-125	0			
1,1-Dichloroethane	24.12	1.0	20	0	121	68-142	0			
1,1-Dichloroethene	25.93	1.0	20	0	130	70-145	0			
1,2-Dichloroethane	19.23	1.0	20	0	96.2	78-125	0			
1,2-Dichloropropane	19.9	1.0	20	0	99.5	75-125	0			
2-Butanone	17.07	5.0	20	0	85.4	55-150	0			
2-Hexanone	15.48	5.0	20	0	77.4	60-135	0			
4-Methyl-2-pentanone	22.18	1.0	20	0	111	77-178	0			
Acetone	25.22	10	20	0	126	60-160	0			
Benzene	19.87	1.0	20	0	99.4	85-125	0			
Bromodichloromethane	23.86	1.0	20	0	119	75-125	0			
Bromoform	20.64	1.0	20	0	103	60-125	0			
Bromomethane	24.46	1.0	20	0	122	30-185	0			
Carbon disulfide	28.71	1.0	20	0	144	60-165	0			
Carbon tetrachloride	23.96	1.0	20	0	120	65-140	0			
Chlorobenzene	19.85	1.0	20	0	99.2	80-120	0			
Chloroethane	22.4	1.0	20	0	112	31-172	0			
Chloroform	20.72	1.0	20	0	104	80-130	0			
Chloromethane	22.66	1.0	20	0	113	46-148	0			
cis-1,2-Dichloroethene	22.56	1.0	20	0	113	75-134	0			
cis-1,3-Dichloropropene	24.36	1.0	20	0	122	70-130	0			
Dibromochloromethane	20.2	1.0	20	0	101	60-115	0			
Ethylbenzene	21.36	1.0	20	0	107	76-123	0			
m,p-Xylene	42.86	2.0	40	0	107	75-130	0			
Methylene chloride	21.48	5.0	20	0	107	72-125	0			
o-Xylene	21.29	1.0	20	0	106	76-127	0			
Styrene	21.44	1.0	20	0	107	83-137	0			
Tetrachloroethene	23.07	1.0	20	0	115	68-166	0			
Toluene	21.13	1.0	20	0	106	76-125	0			
trans-1,2-Dichloroethene	23.41	1.0	20	0	117	80-140	0			
trans-1,3-Dichloropropene	19.25	1.0	20	0	96.2	56-132	0			
Trichloroethene	21.45	1.0	20	0	107	77-125	0			
Vinyl chloride	23.92	1.0	20	0	120	50-136	0			
Xylenes, Total	64.15	3.0	60	0	107	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	19.19	0	20	0	96	75-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	19.55	0	20	0	97.8	80-110	0			
<i>Surr: Dibromofluoromethane</i>	20.34	0	20	0	102	85-115	0			
<i>Surr: Toluene-d8</i>	20.87	0	20	0	104	85-110	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081137
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269101** Instrument ID **VMS6** Method: **SW8260C**

MS		Sample ID: 19081137-24A MS				Units: µg/L		Analysis Date: 8/26/2019 05:17 AM		
Client ID: ATR-MW31 (30.9)-G081419		Run ID: VMS6_190825A		SeqNo: 5870236		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	24.37	1.0	20	0	122	75-130	0			
1,1,2,2-Tetrachloroethane	20.97	1.0	20	0	105	75-130	0			
1,1,2-Trichloroethane	20.58	1.0	20	0	103	75-125	0			
1,1-Dichloroethane	25.43	1.0	20	0	127	68-142	0			
1,1-Dichloroethene	27.75	1.0	20	0	139	70-145	0			
1,2-Dichloroethane	20.7	1.0	20	0	104	78-125	0			
1,2-Dichloropropane	20.49	1.0	20	0	102	75-125	0			
2-Butanone	19.57	5.0	20	0	97.8	55-150	0			
2-Hexanone	15.49	5.0	20	0	77.4	60-135	0			
4-Methyl-2-pentanone	22.04	1.0	20	0	110	77-178	0			
Acetone	20.82	10	20	4.28	82.7	60-160	0			
Benzene	21.77	1.0	20	0	109	85-125	0			
Bromodichloromethane	23.23	1.0	20	0	116	75-125	0			
Bromoform	19.41	1.0	20	0	97	60-125	0			
Bromomethane	20.22	1.0	20	0	101	30-185	0			
Carbon disulfide	27.01	1.0	20	0	135	60-165	0			
Carbon tetrachloride	23.31	1.0	20	0	117	65-140	0			
Chlorobenzene	20.95	1.0	20	0	105	80-120	0			
Chloroethane	25.78	1.0	20	0	129	31-172	0			
Chloroform	22.73	1.0	20	0	114	80-130	0			
Chloromethane	25.55	1.0	20	0	128	46-148	0			
cis-1,2-Dichloroethene	23.32	1.0	20	0	117	75-134	0			
cis-1,3-Dichloropropene	21.4	1.0	20	0	107	70-130	0			
Dibromochloromethane	18.42	1.0	20	0	92.1	60-115	0			
Ethylbenzene	22.47	1.0	20	0	112	76-123	0			
m,p-Xylene	45.3	2.0	40	0	113	75-130	0			
Methylene chloride	22.88	5.0	20	0	114	72-125	0			
o-Xylene	22.36	1.0	20	0	112	76-127	0			
Styrene	22.33	1.0	20	0	112	83-137	0			
Tetrachloroethene	23.88	1.0	20	0	119	68-166	0			
Toluene	22.41	1.0	20	0	112	76-125	0			
trans-1,2-Dichloroethene	25.28	1.0	20	0	126	80-140	0			
trans-1,3-Dichloropropene	17.53	1.0	20	0	87.6	56-132	0			
Trichloroethene	23.3	1.0	20	0	116	77-125	0			
Vinyl chloride	25.62	1.0	20	0	128	50-136	0			
Xylenes, Total	67.66	3.0	60	0	113	76-127	0			
Surr: 1,2-Dichloroethane-d4	19.46	0	20	0	97.3	75-120	0			
Surr: 4-Bromofluorobenzene	19.74	0	20	0	98.7	80-110	0			
Surr: Dibromofluoromethane	20.22	0	20	0	101	85-115	0			
Surr: Toluene-d8	19.65	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: 19081137
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269101** Instrument ID **VMS6** Method: **SW8260C**

MSD		Sample ID: 19081137-24A MSD				Units: µg/L		Analysis Date: 8/26/2019 05:41 AM		
Client ID: ATR-MW31 (30.9)-G081419		Run ID: VMS6_190825A		SeqNo: 5870237		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	25.64	1.0	20	0	128	75-130	24.37	5.08	30	
1,1,2,2-Tetrachloroethane	20.64	1.0	20	0	103	75-130	20.97	1.59	30	
1,1,2-Trichloroethane	20.49	1.0	20	0	102	75-125	20.58	0.438	30	
1,1-Dichloroethane	26.13	1.0	20	0	131	68-142	25.43	2.72	30	
1,1-Dichloroethene	29.03	1.0	20	0	145	70-145	27.75	4.51	30	S
1,2-Dichloroethane	21.63	1.0	20	0	108	78-125	20.7	4.39	30	
1,2-Dichloropropane	21.74	1.0	20	0	109	75-125	20.49	5.92	30	
2-Butanone	19.42	5.0	20	0	97.1	55-150	19.57	0.769	30	
2-Hexanone	15.42	5.0	20	0	77.1	60-135	15.49	0.453	30	
4-Methyl-2-pentanone	22.09	1.0	20	0	110	77-178	22.04	0.227	30	
Acetone	22.87	10	20	4.28	93	60-160	20.82	9.38	30	
Benzene	22.06	1.0	20	0	110	85-125	21.77	1.32	30	
Bromodichloromethane	22.7	1.0	20	0	114	75-125	23.23	2.31	30	
Bromoform	19.73	1.0	20	0	98.6	60-125	19.41	1.64	30	
Bromomethane	23.11	1.0	20	0	116	30-185	20.22	13.3	30	
Carbon disulfide	28.32	1.0	20	0	142	60-165	27.01	4.74	30	
Carbon tetrachloride	25.17	1.0	20	0	126	65-140	23.31	7.67	30	
Chlorobenzene	21.12	1.0	20	0	106	80-120	20.95	0.808	30	
Chloroethane	24.59	1.0	20	0	123	31-172	25.78	4.73	30	
Chloroform	22.73	1.0	20	0	114	80-130	22.73	0	30	
Chloromethane	26.53	1.0	20	0	133	46-148	25.55	3.76	30	
cis-1,2-Dichloroethene	24.86	1.0	20	0	124	75-134	23.32	6.39	30	
cis-1,3-Dichloropropene	22.7	1.0	20	0	114	70-130	21.4	5.9	30	
Dibromochloromethane	19.89	1.0	20	0	99.4	60-115	18.42	7.67	30	
Ethylbenzene	22.66	1.0	20	0	113	76-123	22.47	0.842	30	
m,p-Xylene	46.01	2.0	40	0	115	75-130	45.3	1.56	30	
Methylene chloride	23.73	5.0	20	0	119	72-125	22.88	3.65	30	
o-Xylene	22.72	1.0	20	0	114	76-127	22.36	1.6	30	
Styrene	22.02	1.0	20	0	110	83-137	22.33	1.4	30	
Tetrachloroethene	23	1.0	20	0	115	68-166	23.88	3.75	30	
Toluene	22.82	1.0	20	0	114	76-125	22.41	1.81	30	
trans-1,2-Dichloroethene	26.26	1.0	20	0	131	80-140	25.28	3.8	30	
trans-1,3-Dichloropropene	17.51	1.0	20	0	87.6	56-132	17.53	0.114	30	
Trichloroethene	23.95	1.0	20	0	120	77-125	23.3	2.75	30	
Vinyl chloride	26.57	1.0	20	0	133	50-136	25.62	3.64	30	
Xylenes, Total	68.73	3.0	60	0	115	76-127	67.66	1.57	30	
Surr: 1,2-Dichloroethane-d4	19.6	0	20	0	98	75-120	19.46	0.717	30	
Surr: 4-Bromofluorobenzene	20.25	0	20	0	101	80-110	19.74	2.55	30	
Surr: Dibromofluoromethane	20.08	0	20	0	100	85-115	20.22	0.695	30	
Surr: Toluene-d8	19.51	0	20	0	97.6	85-110	19.65	0.715	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081137

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269101**

Instrument ID **VMS6**

Method: **SW8260C**

The following samples were analyzed in this batch:

19081137-10A	19081137-11A	19081137-12A
19081137-13A	19081137-14A	19081137-15A
19081137-16A	19081137-17A	19081137-18A
19081137-19A	19081137-20A	19081137-21A
19081137-22A	19081137-23A	19081137-24A
19081137-25A	19081137-26A	19081137-27A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



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COC ID: 187813

ALS Project Manager: EB

ALS Work Order #: 19081137

Customer Information		Project Information		Parameter/Method Request for Analysis												
Purchase Order	<u>C012609107</u>	Project Name	<u>3359151040</u>	A	VOCs <u>82608</u>											
Work Order		Project Number	<u>3359-15-1040</u>	B												
Company Name	Wood Environment & Infrastructure Solutions Inc	Bill To Company	Wood Environment & Infrastructure Solutions Inc	C												
Send Report To	<u>Paul Stork</u>	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	<u>Paul.Stork@woodpic.com</u>	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(23.3)-G081319	8/13/19	1110	GW	1	3	X										
2	ATR-MW37(70)-G081319	8/13/19	1005	GW	1	3	X										
3	ATR-MW37(98)-G081319	8/13/19	0915	GW	1	3	X										
4	ATR-MW39(76.7)-G081319	8/13/19	1215	GW	1	3	X										
5	ATR-MW39(29.3)-G081319	8/13/19	1310	GW	1	3	X										
6	ATR-MW39(13)-G081319	8/13/19	1400	GW	1	9	X										
7	ATR-EB001-081319	8/13/19	1455	N	1	3	X										
8	ATR-MW38(102.5)-G081319	8/13/19	0930	GW	1	3	X										
9	ATR-MW38(20.8)-G081319	8/13/19	1200	GW	1	3	X										
10	ATR-MW38(29.1)-G081319	8/13/19	1030	GW	1	3	X										

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:				
				<input type="checkbox"/> Std 10 WK Days <input checked="" type="checkbox"/> 5 WK Days <input type="checkbox"/> Other _____ <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour								
Relinquished by:	<u>[Signature]</u>	Date:	<u>8/14/19</u>	Time:	<u>1553</u>	Received by:	<u>[Signature]</u>	Notes: <u>ATR-MW39(13)-G081319 includes samples for MS/MSD</u>				
Relinquished by:	<u>[Signature]</u>	Date:	<u>8/14/19</u>	Time:	<u>1700</u>	Received by (Laboratory):	<u>[Signature]</u>	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)		
Logged by (Laboratory):	<u>MTG</u>	Date:	<u>8/16/19</u>	Time:	<u>7:40</u>	Checked by (Laboratory):	<u>EB</u>		<u>30°C</u>	<input type="checkbox"/> Level II std QC	<input type="checkbox"/> TRRP CheckList	
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035								<u>SR2</u>	<input checked="" type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV		
									<input type="checkbox"/> Level IV SW846/CLP			
									<input type="checkbox"/> Other _____			

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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COC ID: 187812

ALS Project Manager: EJB

ALS Work Order #: _____

Customer Information		Project Information		Parameter/Method Request for Analysis												
Purchase Order	CO12609107	Project Name	3359151040	A	VOCs	82608										
Work Order		Project Number	3359-15-1040	B												
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C												
Send Report To	Paul Stark	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	Paul.Stark@woodpk.com	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-MW38(69.9)-G081319	8/13/19	1030	GW	1	3	X										
2	ATR-MW38(69.9)-G081319R	8/13/19	1030	GW	1	3	X										
3	ATR-MW36(92.4)-G081319	8/13/19	1340	GW	1	3	X										
4	ATR-MW36(124.5)-G081319	8/13/19	1255	GW	1	3	X										
5	ATR-MW36(35.2)-G081319	8/13/19	1440	GW	1	3	X										
6	ATR-MW35(45)-G081419	8/14/19	1445	GW	1	3	X										
7	ATR-MW35(90)-G081419	8/14/19	1355	GW	1	3	X										
8	ATR-EB001-081419	8/14/19	1355	GW	1	3	X										
9	ATR-MW35(148)-G081419	8/14/19	1310	GW	1	3	X										
10	ATR-MW31(139.2)-G081419	8/14/19	1155	GW	1	3	X										

Sampler(s) Please Print & Sign: _____ 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: 8/14/19 Time: 1553 Received by: [Signature] Notes: _____
 Relinquished by: [Signature] Date: 8/14/19 Time: 1700 Received by (Laboratory): [Signature] Cooler ID: _____ Cooler Temp.: 300C 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 _____
 Logged by (Laboratory): MJG Date: 8/16/19 Time: 7:42 Checked by (Laboratory): EB
 Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 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.
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COC ID: 187804

ALS Project Manager: EB

ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	<u>C012609107</u>	Project Name	X	A	VOCs										
Work Order		Project Number	<u>3359151040</u>	B											
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C											
Send Report To	<u>Paul Stork</u>	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	<u>Paul.Stork@woodpc.com</u>	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-MW31(55.5)-G081419	8/14/19	1045	GW	1	3	X										
2	ATR-MW31(98.5)-G081419	8/14/19	0945	GW	1	3	X										
3	ATR-MW31(98.5)-G081419R	8/14/19	0945	GW	1	3	X										
4	ATR-MW31(30.9)-G081419	8/14/19	0900	GW	1	9	X										
5	ATR-MWS1(70)-G081419	8/14/19	0905	GW	1	3	X										
6	ATR-MWS1(25)-G081419	8/14/19	0940	GW	1	3	X										
7	ATR-MW50(80)-G081419	8/14/19	1120	GW	1	3	X										
8	ATR-MW50(45)-G081419	8/14/19	1200	GW	1	3	X										
9	ATR-MW29(132)-G081419	8/14/19	1315	GW	1	3	X										
10	ATR-MW29(82.5)-G081419	8/14/19	1400	GW	1	3	X										

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:									
				<input type="checkbox"/> Std 10 WK Days <input checked="" type="checkbox"/> 5 WK Days <input type="checkbox"/> Other _____ <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour													
Relinquished by:	<u>[Signature]</u>	Date:	<u>8/14/19</u>	Time:	<u>1553</u>	Received by:	<u>[Signature]</u>	Notes: <u>SAMPLE ATR-MW31(30.9)-G081419 INCLUDES SAMPLES FOR MS/MSD</u>									
Relinquished by:	<u>[Signature]</u>	Date:	<u>8/14/19</u>	Time:	<u>1700</u>	Received by (Laboratory):	<u>[Signature]</u>	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)							
Logged by (Laboratory):	<u>MJG</u>	Date:	<u>8/16/19</u>	Time:	<u>7:50</u>	Checked by (Laboratory):	<u>EB</u>		<u>SR2</u>	<input type="checkbox"/> Level II Std QC	<input type="checkbox"/> TFRP CheckList						
									<u>7.00C</u>	<input type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TFRP Level IV						
										<input checked="" type="checkbox"/> Level IV SWB46/CLP							
										<input type="checkbox"/> Other _____							
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035																	



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York, PA
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ALS Project Manager: EB

ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	<u>C012609107</u>	Project Name		A	VOCs										
Work Order		Project Number	<u>335915 1040</u>	B											
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C											
Send Report To	<u>Paul Stork</u>	Invoice Attn	Accounts Payable	D											
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E											
				F											
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Phone	(937) 859-3600	Phone	(937) 859-3600	H											
Fax	(937) 859-7951	Fax	(937) 859-7951	I											
e-Mail Address	<u>Paul.Stork@woodpic.com</u>	e-Mail Address		J											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	<u>ATR-MW29(103.3)-G081419</u>	<u>8/14/19</u>	<u>1445</u>	<u>GW</u>	<u>1</u>	<u>3</u>	X										
2	<u>ATR-TB001-081419</u>	<u>8/14/19</u>			<u>1</u>	<u>1</u>	X										
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:								
				<input type="checkbox"/> Std 10 WK Days <input checked="" type="checkbox"/> 5 WK Days <input type="checkbox"/> Other _____ <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour												
Relinquished by:	<u>[Signature]</u>	Date:	<u>8/14/19</u>	Time:	<u>1553</u>	Received by:	<u>[Signature]</u>	Notes:								
Relinquished by:	<u>[Signature]</u>	Date:	<u>8/14/19</u>	Time:	<u>1700</u>	Received by (Laboratory):	<u>[Signature]</u>	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)						
Logged by (Laboratory):	<u>MJG</u>	Date:	<u>8/16/19</u>	Time:	<u>7:50</u>	Checked by (Laboratory):	<u>EB</u>		<u>SR2</u>	<input type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP CheckList					
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035									<u>3.0°C</u>	<input checked="" type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV					
										<input type="checkbox"/> Level IV SW846/CLP						
										<input type="checkbox"/> Other _____						

Sample Receipt Checklist

Client Name: **WOOD-DAYTON**

Date/Time Received: **15-Aug-19 10:00**

Work Order: **19081137**

Received by: **MJG**

Checklist completed by Matthew Gaylord 16-Aug-19
eSignature Date

Reviewed by: Eheland Bramworth 16-Aug-19
eSignature Date

Matrices: Groundwater

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):

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage:

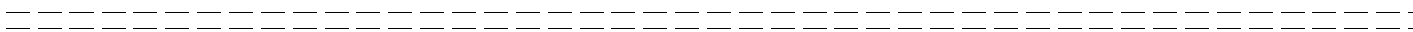
Water - VOA vials have zero headspace? Yes No No VOA vials submitted

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:



27-Aug-2019

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

Re: **TFS Rochester (3359-15-1040)**

Work Order: **19081281**

Dear Paul,

ALS Environmental received 24 samples on 17-Aug-2019 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 72.

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,

A handwritten signature in cursive script that reads "Ehrland Bosworth".

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental ALS

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RIGHT SOLUTIONS RIGHT PARTNER

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Work Order: 19081281

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
19081281-01	ATR-MW32 (110) - G081519	Groundwater		8/15/2019 09:10	8/17/2019 10:00	<input type="checkbox"/>
19081281-02	ATR-MW32 (89) - G081519	Groundwater		8/15/2019 09:50	8/17/2019 10:00	<input type="checkbox"/>
19081281-03	ATR-MW32 (24.1) - G081519	Groundwater		8/15/2019 10:30	8/17/2019 10:00	<input type="checkbox"/>
19081281-04	ATR-MW30 (41.1) - G081519	Groundwater		8/15/2019 12:30	8/17/2019 10:00	<input type="checkbox"/>
19081281-05	ATR-MW1 - G081519	Groundwater		8/15/2019 13:25	8/17/2019 10:00	<input type="checkbox"/>
19081281-06	ATR-MW48 (159) - G081519	Groundwater		8/15/2019 14:25	8/17/2019 10:00	<input type="checkbox"/>
19081281-07	ATR-MW48 (159) - G081519R	Groundwater		8/15/2019 14:25	8/17/2019 10:00	<input type="checkbox"/>
19081281-08	ATR-MW34 (84) - G081519	Groundwater		8/15/2019 08:50	8/17/2019 10:00	<input type="checkbox"/>
19081281-09	ATR-MW34 (37) - G081519	Groundwater		8/15/2019 10:50	8/17/2019 10:00	<input type="checkbox"/>
19081281-10	ATR-MW34 (110) - G081519	Groundwater		8/15/2019 09:55	8/17/2019 10:00	<input type="checkbox"/>
19081281-11	ATR-EB001 - 081519	Groundwater		8/15/2019 14:35	8/17/2019 10:00	<input type="checkbox"/>
19081281-12	ATR-MW85 (39) - G081519	Groundwater		8/15/2019 14:30	8/17/2019 10:00	<input type="checkbox"/>
19081281-13	ATR-MW85 (130) - G081519	Groundwater		8/15/2019 13:25	8/17/2019 10:00	<input type="checkbox"/>
19081281-14	ATR-MW83 (64) - G081619	Groundwater		8/16/2019 11:35	8/17/2019 10:00	<input type="checkbox"/>
19081281-15	ATR-MW62 (36)-G081619	Groundwater		8/16/2019 10:20	8/17/2019 10:00	<input type="checkbox"/>
19081281-16	ATR-MW19 (53) - G081619	Groundwater		8/16/2019 09:30	8/17/2019 10:00	<input type="checkbox"/>
19081281-17	ATR-EB001 - 081619	Groundwater		8/16/2019 09:40	8/17/2019 10:00	<input type="checkbox"/>
19081281-18	ATR-MW53 (41) - G081619	Groundwater		8/16/2019 08:35	8/17/2019 10:00	<input type="checkbox"/>
19081281-19	ATR-MW24 (55) - G081619	Groundwater		8/16/2019 11:30	8/17/2019 10:00	<input type="checkbox"/>
19081281-20	ATR-MW24 (55) - G081619R	Groundwater		8/16/2019 11:30	8/17/2019 10:00	<input type="checkbox"/>
19081281-21	ATR-MW57 (38) - G081619	Groundwater		8/16/2019 08:50	8/17/2019 10:00	<input type="checkbox"/>
19081281-22	ATR-MW55 (49) - G081619	Groundwater		8/16/2019 09:45	8/17/2019 10:00	<input type="checkbox"/>
19081281-23	ATR-MW45 (185) - G081619	Groundwater		8/16/2019 10:40	8/17/2019 10:00	<input type="checkbox"/>
19081281-24	Trip Blank	Groundwater		8/16/2019	8/17/2019 10:00	<input type="checkbox"/>

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
WorkOrder: 19081281

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	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.

<u>Acronym</u>	<u>Description</u>
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

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter

Client: Wood Environment & Infrastructure Solutions, Inc
Project: TFS Rochester (3359-15-1040)
Work Order: 19081281

Case Narrative

Samples for the above noted Work Order were received on 08/17/19. 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 R269067, Method VOC_8260_W, Sample 19081281-18A MS: The VOC MS recovery was outside of the control limit. However, the MSD recovery and the RPD between the MS and MSD was in control. No qualification is required for 1,1,1-Trichloroethane and Trichloroethene.

Batch R269156, Method VOC_8260_W, Sample 19081281-04A MS: The VOC MS recovery was outside of the control limit. However, the MSD recovery and the RPD between the MS and MSD was in control. No qualification is required for 1,1,1-Trichloroethane.

Batch R269156, Method VOC_8260_W, Sample 19081281-17A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes, results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081281-19A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes, results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081281-20A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes, results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081281-21A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes, results are

Client: Wood Environment & Infrastructure Solutions, Inc
Project: TFS Rochester (3359-15-1040)
Work Order: 19081281

Case Narrative

to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081281-22A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes, results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081281-23A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes, results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081281-24A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes, results are to be considered estimated for 2-Hexanone.

No other deviations or anomalies were noted.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Sample ID: ATR-MW32 (110) - G081519
Collection Date: 8/15/2019 09:10 AM

Work Order: 19081281
Lab ID: 19081281-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 04:50 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 04:50 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Acetone	ND		10	µg/L	1	8/24/2019 04:50 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 04:50 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 04:50 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 04:50 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 04:50 PM
Surr: 1,2-Dichloroethane-d4	105		75-120	%REC	1	8/24/2019 04:50 PM
Surr: 4-Bromofluorobenzene	93.4		80-110	%REC	1	8/24/2019 04:50 PM
Surr: Dibromofluoromethane	99.0		85-115	%REC	1	8/24/2019 04:50 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW32 (110) - G081519

Lab ID: 19081281-01

Collection Date: 8/15/2019 09:10 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	103		85-110	%REC	1	8/24/2019 04:50 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: 19081281

Sample ID: ATR-MW32 (89) - G081519

Lab ID: 19081281-02

Collection Date: 8/15/2019 09:50 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 05:14 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 05:14 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Acetone	ND		10	µg/L	1	8/24/2019 05:14 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 05:14 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 05:14 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 05:14 PM
Vinyl chloride	14		1.0	µg/L	1	8/24/2019 05:14 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 05:14 PM
Surr: 1,2-Dichloroethane-d4	99.0		75-120	%REC	1	8/24/2019 05:14 PM
Surr: 4-Bromofluorobenzene	100		80-110	%REC	1	8/24/2019 05:14 PM
Surr: Dibromofluoromethane	99.5		85-115	%REC	1	8/24/2019 05:14 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081281**Sample ID:** ATR-MW32 (89) - G081519**Lab ID:** 19081281-02**Collection Date:** 8/15/2019 09:50 AM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	103		85-110	%REC	1	8/24/2019 05:14 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: 19081281

Sample ID: ATR-MW32 (24.1) - G081519

Lab ID: 19081281-03

Collection Date: 8/15/2019 10:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 05:38 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 05:38 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Acetone	ND		10	µg/L	1	8/24/2019 05:38 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
cis-1,2-Dichloroethene	1.5		1.0	µg/L	1	8/24/2019 05:38 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 05:38 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 05:38 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 05:38 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 05:38 PM
Surr: 1,2-Dichloroethane-d4	99.2		75-120	%REC	1	8/24/2019 05:38 PM
Surr: 4-Bromofluorobenzene	96.0		80-110	%REC	1	8/24/2019 05:38 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	8/24/2019 05:38 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW32 (24.1) - G081519

Lab ID: 19081281-03

Collection Date: 8/15/2019 10:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	100		85-110	%REC	1	8/24/2019 05:38 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: 19081281

Sample ID: ATR-MW30 (41.1) - G081519

Lab ID: 19081281-04

Collection Date: 8/15/2019 12:30 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 06:02 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 06:02 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Acetone	ND		10	µg/L	1	8/24/2019 06:02 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
cis-1,2-Dichloroethene	110		5.0	µg/L	5	8/26/2019 03:11 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 06:02 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 06:02 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
trans-1,2-Dichloroethene	2.5		1.0	µg/L	1	8/24/2019 06:02 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:02 PM
Trichloroethene	42		1.0	µg/L	1	8/24/2019 06:02 PM
Vinyl chloride	2.6		1.0	µg/L	1	8/24/2019 06:02 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 06:02 PM
Surr: 1,2-Dichloroethane-d4	98.0		75-120	%REC	1	8/24/2019 06:02 PM
Surr: 1,2-Dichloroethane-d4	103		75-120	%REC	5	8/26/2019 03:11 PM
Surr: 4-Bromofluorobenzene	96.8		80-110	%REC	1	8/24/2019 06:02 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)
Sample ID: ATR-MW30 (41.1) - G081519
Collection Date: 8/15/2019 12:30 PM

Work Order: 19081281
Lab ID: 19081281-04
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	96.6		80-110	%REC	5	8/26/2019 03:11 PM
Surr: Dibromofluoromethane	98.0		85-115	%REC	1	8/24/2019 06:02 PM
Surr: Dibromofluoromethane	97.0		85-115	%REC	5	8/26/2019 03:11 PM
Surr: Toluene-d8	101		85-110	%REC	5	8/26/2019 03:11 PM
Surr: Toluene-d8	102		85-110	%REC	1	8/24/2019 06:02 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: 19081281

Sample ID: ATR-MW1 - G081519

Lab ID: 19081281-05

Collection Date: 8/15/2019 01:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 06:26 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 06:26 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Acetone	ND		10	µg/L	1	8/24/2019 06:26 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Chlorobenzene	2.1		1.0	µg/L	1	8/24/2019 06:26 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Chloromethane	1.6		1.0	µg/L	1	8/24/2019 06:26 PM
cis-1,2-Dichloroethene	1.0		1.0	µg/L	1	8/24/2019 06:26 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 06:26 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 06:26 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 06:26 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 06:26 PM
Surr: 1,2-Dichloroethane-d4	103		75-120	%REC	1	8/24/2019 06:26 PM
Surr: 4-Bromofluorobenzene	95.6		80-110	%REC	1	8/24/2019 06:26 PM
Surr: Dibromofluoromethane	98.9		85-115	%REC	1	8/24/2019 06:26 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW1 - G081519

Lab ID: 19081281-05

Collection Date: 8/15/2019 01:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	104		85-110	%REC	1	8/24/2019 06:26 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: 19081281

Sample ID: ATR-MW48 (159) - G081519

Lab ID: 19081281-06

Collection Date: 8/15/2019 02:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 06:50 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 06:50 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Acetone	ND		10	µg/L	1	8/24/2019 06:50 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 06:50 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 06:50 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 06:50 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 06:50 PM
Surr: 1,2-Dichloroethane-d4	103		75-120	%REC	1	8/24/2019 06:50 PM
Surr: 4-Bromofluorobenzene	97.6		80-110	%REC	1	8/24/2019 06:50 PM
Surr: Dibromofluoromethane	106		85-115	%REC	1	8/24/2019 06:50 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW48 (159) - G081519

Lab ID: 19081281-06

Collection Date: 8/15/2019 02:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.1		85-110	%REC	1	8/24/2019 06:50 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: 19081281

Sample ID: ATR-MW48 (159) - G081519R

Lab ID: 19081281-07

Collection Date: 8/15/2019 02:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 07:15 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 07:15 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Acetone	ND		10	µg/L	1	8/24/2019 07:15 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 07:15 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 07:15 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 07:15 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 07:15 PM
Surr: 1,2-Dichloroethane-d4	98.4		75-120	%REC	1	8/24/2019 07:15 PM
Surr: 4-Bromofluorobenzene	90.2		80-110	%REC	1	8/24/2019 07:15 PM
Surr: Dibromofluoromethane	103		85-115	%REC	1	8/24/2019 07:15 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW48 (159) - G081519R

Lab ID: 19081281-07

Collection Date: 8/15/2019 02:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	101		85-110	%REC	1	8/24/2019 07:15 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: 19081281

Sample ID: ATR-MW34 (84) - G081519

Lab ID: 19081281-08

Collection Date: 8/15/2019 08:50 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 07:39 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 07:39 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Acetone	ND		10	µg/L	1	8/24/2019 07:39 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Chloromethane	1.7		1.0	µg/L	1	8/24/2019 07:39 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 07:39 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 07:39 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Trichloroethene	20		1.0	µg/L	1	8/24/2019 07:39 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 07:39 PM
Surr: 1,2-Dichloroethane-d4	104		75-120	%REC	1	8/24/2019 07:39 PM
Surr: 4-Bromofluorobenzene	97.6		80-110	%REC	1	8/24/2019 07:39 PM
Surr: Dibromofluoromethane	104		85-115	%REC	1	8/24/2019 07:39 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW34 (84) - G081519

Lab ID: 19081281-08

Collection Date: 8/15/2019 08:50 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.4		85-110	%REC	1	8/24/2019 07:39 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: 19081281

Sample ID: ATR-MW34 (37) - G081519

Lab ID: 19081281-09

Collection Date: 8/15/2019 10:50 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 08:03 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 08:03 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Acetone	ND		10	µg/L	1	8/24/2019 08:03 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 08:03 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 08:03 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 08:03 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 08:03 PM
Surr: 1,2-Dichloroethane-d4	104		75-120	%REC	1	8/24/2019 08:03 PM
Surr: 4-Bromofluorobenzene	94.2		80-110	%REC	1	8/24/2019 08:03 PM
Surr: Dibromofluoromethane	103		85-115	%REC	1	8/24/2019 08:03 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW34 (37) - G081519

Lab ID: 19081281-09

Collection Date: 8/15/2019 10:50 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.8		85-110	%REC	1	8/24/2019 08:03 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)
Sample ID: ATR-MW34 (110) - G081519
Collection Date: 8/15/2019 09:55 AM

Work Order: 19081281
Lab ID: 19081281-10
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 08:27 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 08:27 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Acetone	ND		10	µg/L	1	8/24/2019 08:27 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
cis-1,2-Dichloroethene	7.0		1.0	µg/L	1	8/24/2019 08:27 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 08:27 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 08:27 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 08:27 PM
Trichloroethene	1.1		1.0	µg/L	1	8/24/2019 08:27 PM
Vinyl chloride	1.2		1.0	µg/L	1	8/24/2019 08:27 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 08:27 PM
Surr: 1,2-Dichloroethane-d4	100		75-120	%REC	1	8/24/2019 08:27 PM
Surr: 4-Bromofluorobenzene	95.3		80-110	%REC	1	8/24/2019 08:27 PM
Surr: Dibromofluoromethane	96.6		85-115	%REC	1	8/24/2019 08:27 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW34 (110) - G081519

Lab ID: 19081281-10

Collection Date: 8/15/2019 09:55 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.5		85-110	%REC	1	8/24/2019 08:27 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: 19081281

Sample ID: ATR-EB001 - 081519

Lab ID: 19081281-11

Collection Date: 8/15/2019 02:35 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 08:52 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 08:52 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Acetone	ND		10	µg/L	1	8/24/2019 08:52 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 08:52 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 08:52 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 08:52 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 08:52 PM
Surr: 1,2-Dichloroethane-d4	97.0		75-120	%REC	1	8/24/2019 08:52 PM
Surr: 4-Bromofluorobenzene	93.2		80-110	%REC	1	8/24/2019 08:52 PM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/24/2019 08:52 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-EB001 - 081519

Lab ID: 19081281-11

Collection Date: 8/15/2019 02:35 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.4		85-110	%REC	1	8/24/2019 08:52 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: 19081281

Sample ID: ATR-MW85 (39) - G081519

Lab ID: 19081281-12

Collection Date: 8/15/2019 02:30 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 09:16 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 09:16 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Acetone	ND		10	µg/L	1	8/24/2019 09:16 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 09:16 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 09:16 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 09:16 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 09:16 PM
Surr: 1,2-Dichloroethane-d4	100		75-120	%REC	1	8/24/2019 09:16 PM
Surr: 4-Bromofluorobenzene	91.8		80-110	%REC	1	8/24/2019 09:16 PM
Surr: Dibromofluoromethane	99.7		85-115	%REC	1	8/24/2019 09:16 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW85 (39) - G081519

Lab ID: 19081281-12

Collection Date: 8/15/2019 02:30 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	92.9		85-110	%REC	1	8/24/2019 09:16 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)
Sample ID: ATR-MW85 (130) - G081519
Collection Date: 8/15/2019 01:25 PM

Work Order: 19081281
Lab ID: 19081281-13
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 09:40 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 09:40 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Acetone	ND		10	µg/L	1	8/24/2019 09:40 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 09:40 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 09:40 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 09:40 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 09:40 PM
Surr: 1,2-Dichloroethane-d4	101		75-120	%REC	1	8/24/2019 09:40 PM
Surr: 4-Bromofluorobenzene	96.0		80-110	%REC	1	8/24/2019 09:40 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	8/24/2019 09:40 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW85 (130) - G081519

Lab ID: 19081281-13

Collection Date: 8/15/2019 01:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.9		85-110	%REC	1	8/24/2019 09:40 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: 19081281

Sample ID: ATR-MW83 (64) - G081619

Lab ID: 19081281-14

Collection Date: 8/16/2019 11:35 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 10:04 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 10:04 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Acetone	ND		10	µg/L	1	8/24/2019 10:04 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 10:04 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 10:04 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 10:04 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 10:04 PM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/24/2019 10:04 PM
Surr: 4-Bromofluorobenzene	95.2		80-110	%REC	1	8/24/2019 10:04 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	8/24/2019 10:04 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW83 (64) - G081619

Lab ID: 19081281-14

Collection Date: 8/16/2019 11:35 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	101		85-110	%REC	1	8/24/2019 10:04 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: 19081281

Sample ID: ATR-MW62 (36)-G081619

Lab ID: 19081281-15

Collection Date: 8/16/2019 10:20 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 04:29 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 04:29 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Acetone	ND		10	µg/L	1	8/26/2019 04:29 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 04:29 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 04:29 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 04:29 AM
Vinyl chloride	1.2		1.0	µg/L	1	8/26/2019 04:29 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 04:29 AM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/26/2019 04:29 AM
Surr: 4-Bromofluorobenzene	94.8		80-110	%REC	1	8/26/2019 04:29 AM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/26/2019 04:29 AM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW62 (36)-G081619

Lab ID: 19081281-15

Collection Date: 8/16/2019 10:20 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.0		85-110	%REC	1	8/26/2019 04:29 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)
Sample ID: ATR-MW19 (53) - G081619
Collection Date: 8/16/2019 09:30 AM

Work Order: 19081281
Lab ID: 19081281-16
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 04:53 AM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 04:53 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Acetone	ND		10	µg/L	1	8/26/2019 04:53 AM
Benzene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Bromoform	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Chloroform	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Chloromethane	1.1		1.0	µg/L	1	8/26/2019 04:53 AM
cis-1,2-Dichloroethene	24		1.0	µg/L	1	8/26/2019 04:53 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 04:53 AM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 04:53 AM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Styrene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Toluene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 04:53 AM
Vinyl chloride	23		1.0	µg/L	1	8/26/2019 04:53 AM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 04:53 AM
Surr: 1,2-Dichloroethane-d4	103		75-120	%REC	1	8/26/2019 04:53 AM
Surr: 4-Bromofluorobenzene	95.3		80-110	%REC	1	8/26/2019 04:53 AM
Surr: Dibromofluoromethane	106		85-115	%REC	1	8/26/2019 04:53 AM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW19 (53) - G081619

Lab ID: 19081281-16

Collection Date: 8/16/2019 09:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	91.2		85-110	%REC	1	8/26/2019 04:53 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: 19081281

Sample ID: ATR-EB001 - 081619

Lab ID: 19081281-17

Collection Date: 8/16/2019 09:40 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 12:46 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 12:46 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Acetone	ND		10	µg/L	1	8/26/2019 12:46 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 12:46 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 12:46 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 12:46 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 12:46 PM
Surr: 1,2-Dichloroethane-d4	99.4		75-120	%REC	1	8/26/2019 12:46 PM
Surr: 4-Bromofluorobenzene	94.7		80-110	%REC	1	8/26/2019 12:46 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	8/26/2019 12:46 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-EB001 - 081619

Lab ID: 19081281-17

Collection Date: 8/16/2019 09:40 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.6		85-110	%REC	1	8/26/2019 12:46 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: 19081281

Sample ID: ATR-MW53 (41) - G081619

Lab ID: 19081281-18

Collection Date: 8/16/2019 08:35 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 10:28 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 10:28 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Acetone	ND		10	µg/L	1	8/24/2019 10:28 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 10:28 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 10:28 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 10:28 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 10:28 PM
Surr: 1,2-Dichloroethane-d4	100		75-120	%REC	1	8/24/2019 10:28 PM
Surr: 4-Bromofluorobenzene	96.2		80-110	%REC	1	8/24/2019 10:28 PM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/24/2019 10:28 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW53 (41) - G081619

Lab ID: 19081281-18

Collection Date: 8/16/2019 08:35 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.7		85-110	%REC	1	8/24/2019 10:28 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: 19081281

Sample ID: ATR-MW24 (55) - G081619

Lab ID: 19081281-19

Collection Date: 8/16/2019 11:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 01:11 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 01:11 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Acetone	ND		10	µg/L	1	8/26/2019 01:11 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Chloromethane	2.4		1.0	µg/L	1	8/26/2019 01:11 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 01:11 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 01:11 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 01:11 PM
Vinyl chloride	1.4		1.0	µg/L	1	8/26/2019 01:11 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 01:11 PM
Surr: 1,2-Dichloroethane-d4	104		75-120	%REC	1	8/26/2019 01:11 PM
Surr: 4-Bromofluorobenzene	96.5		80-110	%REC	1	8/26/2019 01:11 PM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/26/2019 01:11 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW24 (55) - G081619

Lab ID: 19081281-19

Collection Date: 8/16/2019 11:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.8		85-110	%REC	1	8/26/2019 01:11 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: 19081281

Sample ID: ATR-MW24 (55) - G081619R

Lab ID: 19081281-20

Collection Date: 8/16/2019 11:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 01:35 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 01:35 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Acetone	ND		10	µg/L	1	8/26/2019 01:35 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Chloromethane	1.3		1.0	µg/L	1	8/26/2019 01:35 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 01:35 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 01:35 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 01:35 PM
Vinyl chloride	1.2		1.0	µg/L	1	8/26/2019 01:35 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 01:35 PM
Surr: 1,2-Dichloroethane-d4	98.8		75-120	%REC	1	8/26/2019 01:35 PM
Surr: 4-Bromofluorobenzene	95.2		80-110	%REC	1	8/26/2019 01:35 PM
Surr: Dibromofluoromethane	98.2		85-115	%REC	1	8/26/2019 01:35 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW24 (55) - G081619R

Lab ID: 19081281-20

Collection Date: 8/16/2019 11:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.8		85-110	%REC	1	8/26/2019 01:35 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: 19081281

Sample ID: ATR-MW57 (38) - G081619

Lab ID: 19081281-21

Collection Date: 8/16/2019 08:50 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 01:59 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 01:59 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Acetone	ND		10	µg/L	1	8/26/2019 01:59 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Chloromethane	1.8		1.0	µg/L	1	8/26/2019 01:59 PM
cis-1,2-Dichloroethene	8.3		1.0	µg/L	1	8/26/2019 01:59 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 01:59 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 01:59 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Trichloroethene	5.3		1.0	µg/L	1	8/26/2019 01:59 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 01:59 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 01:59 PM
Surr: 1,2-Dichloroethane-d4	104		75-120	%REC	1	8/26/2019 01:59 PM
Surr: 4-Bromofluorobenzene	91.8		80-110	%REC	1	8/26/2019 01:59 PM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/26/2019 01:59 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW57 (38) - G081619

Lab ID: 19081281-21

Collection Date: 8/16/2019 08:50 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.2		85-110	%REC	1	8/26/2019 01:59 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: 19081281

Sample ID: ATR-MW55 (49) - G081619

Lab ID: 19081281-22

Collection Date: 8/16/2019 09:45 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C			Analyst: BG
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 02:23 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 02:23 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Acetone	ND		10	µg/L	1	8/26/2019 02:23 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Chloromethane	1.7		1.0	µg/L	1	8/26/2019 02:23 PM
cis-1,2-Dichloroethene	1.9		1.0	µg/L	1	8/26/2019 02:23 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 02:23 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 02:23 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 02:23 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 02:23 PM
Surr: 1,2-Dichloroethane-d4	98.4		75-120	%REC	1	8/26/2019 02:23 PM
Surr: 4-Bromofluorobenzene	95.4		80-110	%REC	1	8/26/2019 02:23 PM
Surr: Dibromofluoromethane	103		85-115	%REC	1	8/26/2019 02:23 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW55 (49) - G081619

Lab ID: 19081281-22

Collection Date: 8/16/2019 09:45 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.0		85-110	%REC	1	8/26/2019 02:23 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: 19081281

Sample ID: ATR-MW45 (185) - G081619

Lab ID: 19081281-23

Collection Date: 8/16/2019 10:40 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 02:47 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 02:47 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Acetone	ND		10	µg/L	1	8/26/2019 02:47 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 02:47 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 02:47 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 02:47 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 02:47 PM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/26/2019 02:47 PM
Surr: 4-Bromofluorobenzene	95.7		80-110	%REC	1	8/26/2019 02:47 PM
Surr: Dibromofluoromethane	105		85-115	%REC	1	8/26/2019 02:47 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: ATR-MW45 (185) - G081619

Lab ID: 19081281-23

Collection Date: 8/16/2019 10:40 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	95.8		85-110	%REC	1	8/26/2019 02:47 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: 19081281

Sample ID: Trip Blank

Lab ID: 19081281-24

Collection Date: 8/16/2019

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 12:22 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 12:22 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Acetone	ND		10	µg/L	1	8/26/2019 12:22 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 12:22 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 12:22 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 12:22 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 12:22 PM
Surr: 1,2-Dichloroethane-d4	99.4		75-120	%REC	1	8/26/2019 12:22 PM
Surr: 4-Bromofluorobenzene	93.0		80-110	%REC	1	8/26/2019 12:22 PM
Surr: Dibromofluoromethane	97.6		85-115	%REC	1	8/26/2019 12:22 PM

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

ALS Group, USA

Date: 27-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081281

Sample ID: Trip Blank

Lab ID: 19081281-24

Collection Date: 8/16/2019

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	102		85-110	%REC	1	8/26/2019 12:22 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081281
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269067** Instrument ID **VMS6** Method: **SW8260C**

MBLK		Sample ID: VBK1-190824-R269067			Units: µg/L		Analysis Date: 8/24/2019 02:25 PM			
Client ID:		Run ID: VMS6_190824A			SeqNo: 5869860		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>18.86</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94.3</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>18.86</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94.3</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>18.63</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>93.2</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.22</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96.1</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081281
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269067** Instrument ID **VMS6** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190824-R269067				Units: µg/L		Analysis Date: 8/24/2019 01:37 PM		
Client ID:		Run ID: VMS6_190824A			SeqNo: 5869859		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	23.34	1.0	20	0	117	75-130	0			
1,1,2,2-Tetrachloroethane	21.44	1.0	20	0	107	75-130	0			
1,1,2-Trichloroethane	20.57	1.0	20	0	103	75-125	0			
1,1-Dichloroethane	23.32	1.0	20	0	117	68-142	0			
1,1-Dichloroethene	23.57	1.0	20	0	118	70-145	0			
1,2-Dichloroethane	20.49	1.0	20	0	102	78-125	0			
1,2-Dichloropropane	19.19	1.0	20	0	96	75-125	0			
2-Butanone	18.85	5.0	20	0	94.2	55-150	0			
2-Hexanone	15.02	5.0	20	0	75.1	60-135	0			
4-Methyl-2-pentanone	23.67	1.0	20	0	118	77-178	0			
Acetone	25.57	10	20	0	128	60-160	0			
Benzene	20.64	1.0	20	0	103	85-125	0			
Bromodichloromethane	21.66	1.0	20	0	108	75-125	0			
Bromoform	19.87	1.0	20	0	99.4	60-125	0			
Bromomethane	25.26	1.0	20	0	126	30-185	0			
Carbon disulfide	23.5	1.0	20	0	118	60-165	0			
Carbon tetrachloride	21.73	1.0	20	0	109	65-140	0			
Chlorobenzene	21.19	1.0	20	0	106	80-120	0			
Chloroethane	20.29	1.0	20	0	101	31-172	0			
Chloroform	20.31	1.0	20	0	102	80-130	0			
Chloromethane	22.43	1.0	20	0	112	46-148	0			
cis-1,2-Dichloroethene	22.14	1.0	20	0	111	75-134	0			
cis-1,3-Dichloropropene	22.9	1.0	20	0	114	70-130	0			
Dibromochloromethane	19.43	1.0	20	0	97.2	60-115	0			
Ethylbenzene	21.91	1.0	20	0	110	76-123	0			
m,p-Xylene	44.12	2.0	40	0	110	75-130	0			
Methylene chloride	20.46	5.0	20	0	102	72-125	0			
o-Xylene	21.88	1.0	20	0	109	76-127	0			
Styrene	23.09	1.0	20	0	115	83-137	0			
Tetrachloroethene	22.72	1.0	20	0	114	68-166	0			
Toluene	21.99	1.0	20	0	110	76-125	0			
trans-1,2-Dichloroethene	23.23	1.0	20	0	116	80-140	0			
trans-1,3-Dichloropropene	19.37	1.0	20	0	96.8	56-132	0			
Trichloroethene	21.51	1.0	20	0	108	77-125	0			
Vinyl chloride	20.72	1.0	20	0	104	50-136	0			
Xylenes, Total	66	3.0	60	0	110	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.19</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.45</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>19.65</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.2</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.74</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.7</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081281
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269067** Instrument ID **VMS6** Method: **SW8260C**

MS		Sample ID: 19081281-18A MS				Units: µg/L		Analysis Date: 8/24/2019 10:52 PM		
Client ID: ATR-MW53 (41) - G081619		Run ID: VMS6_190824A		SeqNo: 5869881		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	26.74	1.0	20	0	134	75-130	0			S
1,1,2,2-Tetrachloroethane	21.06	1.0	20	0	105	75-130	0			
1,1,2-Trichloroethane	20.37	1.0	20	0	102	75-125	0			
1,1-Dichloroethane	26.23	1.0	20	0	131	68-142	0			
1,1-Dichloroethene	28.81	1.0	20	0	144	70-145	0			
1,2-Dichloroethane	22.47	1.0	20	0	112	78-125	0			
1,2-Dichloropropane	21.56	1.0	20	0	108	75-125	0			
2-Butanone	20.29	5.0	20	0	101	55-150	0			
2-Hexanone	16.23	5.0	20	0	81.2	60-135	0			
4-Methyl-2-pentanone	22.02	1.0	20	0	110	77-178	0			
Acetone	25.57	10	20	3.65	110	60-160	0			
Benzene	23.28	1.0	20	0	116	85-125	0			
Bromodichloromethane	22.89	1.0	20	0	114	75-125	0			
Bromoform	19.05	1.0	20	0	95.2	60-125	0			
Bromomethane	18.32	1.0	20	0	91.6	30-185	0			
Carbon disulfide	26.48	1.0	20	0	132	60-165	0			
Carbon tetrachloride	25.21	1.0	20	0	126	65-140	0			
Chlorobenzene	21.24	1.0	20	0	106	80-120	0			
Chloroethane	25.11	1.0	20	0	126	31-172	0			
Chloroform	22.75	1.0	20	0	114	80-130	0			
Chloromethane	26.54	1.0	20	0	133	46-148	0			
cis-1,2-Dichloroethene	24.73	1.0	20	0	124	75-134	0			
cis-1,3-Dichloropropene	21.14	1.0	20	0	106	70-130	0			
Dibromochloromethane	18.7	1.0	20	0	93.5	60-115	0			
Ethylbenzene	22.97	1.0	20	0	115	76-123	0			
m,p-Xylene	46.83	2.0	40	0	117	75-130	0			
Methylene chloride	24.07	5.0	20	0	120	72-125	0			
o-Xylene	23.15	1.0	20	0	116	76-127	0			
Styrene	23.42	1.0	20	0	117	83-137	0			
Tetrachloroethene	24.75	1.0	20	0	124	68-166	0			
Toluene	22.89	1.0	20	0	114	76-125	0			
trans-1,2-Dichloroethene	27.5	1.0	20	0	138	80-140	0			
trans-1,3-Dichloropropene	17.51	1.0	20	0	87.6	56-132	0			
Trichloroethene	25.15	1.0	20	0	126	77-125	0			S
Vinyl chloride	26.15	1.0	20	0	131	50-136	0			
Xylenes, Total	69.98	3.0	60	0	117	76-127	0			
Surr: 1,2-Dichloroethane-d4	19.95	0	20	0	99.8	75-120	0			
Surr: 4-Bromofluorobenzene	19.8	0	20	0	99	80-110	0			
Surr: Dibromofluoromethane	20.2	0	20	0	101	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: 19081281
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269067** Instrument ID **VMS6** Method: **SW8260C**

MSD		Sample ID: 19081281-18A MSD				Units: µg/L		Analysis Date: 8/24/2019 11:16 PM		
Client ID: ATR-MW53 (41) - G081619		Run ID: VMS6_190824A		SeqNo: 5869882		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	25.45	1.0	20	0	127	75-130	26.74	4.94	30	
1,1,2,2-Tetrachloroethane	21.88	1.0	20	0	109	75-130	21.06	3.82	30	
1,1,2-Trichloroethane	22.75	1.0	20	0	114	75-125	20.37	11	30	
1,1-Dichloroethane	26.82	1.0	20	0	134	68-142	26.23	2.22	30	
1,1-Dichloroethene	28.59	1.0	20	0	143	70-145	28.81	0.767	30	
1,2-Dichloroethane	21.68	1.0	20	0	108	78-125	22.47	3.58	30	
1,2-Dichloropropane	21.54	1.0	20	0	108	75-125	21.56	0.0928	30	
2-Butanone	19.6	5.0	20	0	98	55-150	20.29	3.46	30	
2-Hexanone	14.84	5.0	20	0	74.2	60-135	16.23	8.95	30	
4-Methyl-2-pentanone	24.41	1.0	20	0	122	77-178	22.02	10.3	30	
Acetone	21.08	10	20	3.65	87.2	60-160	25.57	19.2	30	
Benzene	22.18	1.0	20	0	111	85-125	23.28	4.84	30	
Bromodichloromethane	24.36	1.0	20	0	122	75-125	22.89	6.22	30	
Bromoform	19.48	1.0	20	0	97.4	60-125	19.05	2.23	30	
Bromomethane	23.05	1.0	20	0	115	30-185	18.32	22.9	30	
Carbon disulfide	27.42	1.0	20	0	137	60-165	26.48	3.49	30	
Carbon tetrachloride	24.65	1.0	20	0	123	65-140	25.21	2.25	30	
Chlorobenzene	21.73	1.0	20	0	109	80-120	21.24	2.28	30	
Chloroethane	25.73	1.0	20	0	129	31-172	25.11	2.44	30	
Chloroform	23.78	1.0	20	0	119	80-130	22.75	4.43	30	
Chloromethane	26.9	1.0	20	0	134	46-148	26.54	1.35	30	
cis-1,2-Dichloroethene	24.77	1.0	20	0	124	75-134	24.73	0.162	30	
cis-1,3-Dichloropropene	22.06	1.0	20	0	110	70-130	21.14	4.26	30	
Dibromochloromethane	19.92	1.0	20	0	99.6	60-115	18.7	6.32	30	
Ethylbenzene	23.11	1.0	20	0	116	76-123	22.97	0.608	30	
m,p-Xylene	46.64	2.0	40	0	117	75-130	46.83	0.407	30	
Methylene chloride	24.2	5.0	20	0	121	72-125	24.07	0.539	30	
o-Xylene	23.6	1.0	20	0	118	76-127	23.15	1.93	30	
Styrene	23.99	1.0	20	0	120	83-137	23.42	2.4	30	
Tetrachloroethene	23.99	1.0	20	0	120	68-166	24.75	3.12	30	
Toluene	23.31	1.0	20	0	117	76-125	22.89	1.82	30	
trans-1,2-Dichloroethene	27.05	1.0	20	0	135	80-140	27.5	1.65	30	
trans-1,3-Dichloropropene	17.84	1.0	20	0	89.2	56-132	17.51	1.87	30	
Trichloroethene	24.07	1.0	20	0	120	77-125	25.15	4.39	30	
Vinyl chloride	25.88	1.0	20	0	129	50-136	26.15	1.04	30	
Xylenes, Total	70.24	3.0	60	0	117	76-127	69.98	0.371	30	
Surr: 1,2-Dichloroethane-d4	19.59	0	20	0	98	75-120	19.95	1.82	30	
Surr: 4-Bromofluorobenzene	19.86	0	20	0	99.3	80-110	19.8	0.303	30	
Surr: Dibromofluoromethane	20.3	0	20	0	102	85-115	20.2	0.494	30	
Surr: Toluene-d8	19.72	0	20	0	98.6	85-110	19.42	1.53	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081281

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269067**

Instrument ID **VMS6**

Method: **SW8260C**

The following samples were analyzed in this batch:

19081281-01A	19081281-02A	19081281-03A
19081281-04A	19081281-05A	19081281-06A
19081281-07A	19081281-08A	19081281-09A
19081281-10A	19081281-11A	19081281-12A
19081281-13A	19081281-14A	19081281-18A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081281
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269101** Instrument ID **VMS6** Method: **SW8260C**

MBLK		Sample ID: VBLKW1-190825-R269101				Units: µg/L		Analysis Date: 8/25/2019 08:49 PM		
Client ID:		Run ID: VMS6_190825A		SeqNo: 5870209		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.88</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.4</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.41</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.22</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>20.82</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>104</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081281
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269101** Instrument ID **VMS6** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190825-R269101				Units: µg/L		Analysis Date: 8/25/2019 07:49 PM		
Client ID:		Run ID: VMS6_190825A			SeqNo: 5870207		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	25.37	1.0	20	0	127	75-130	0			
1,1,2,2-Tetrachloroethane	20.03	1.0	20	0	100	75-130	0			
1,1,2-Trichloroethane	18.36	1.0	20	0	91.8	75-125	0			
1,1-Dichloroethane	24.12	1.0	20	0	121	68-142	0			
1,1-Dichloroethene	25.93	1.0	20	0	130	70-145	0			
1,2-Dichloroethane	19.23	1.0	20	0	96.2	78-125	0			
1,2-Dichloropropane	19.9	1.0	20	0	99.5	75-125	0			
2-Butanone	17.07	5.0	20	0	85.4	55-150	0			
2-Hexanone	15.48	5.0	20	0	77.4	60-135	0			
4-Methyl-2-pentanone	22.18	1.0	20	0	111	77-178	0			
Acetone	25.22	10	20	0	126	60-160	0			
Benzene	19.87	1.0	20	0	99.4	85-125	0			
Bromodichloromethane	23.86	1.0	20	0	119	75-125	0			
Bromoform	20.64	1.0	20	0	103	60-125	0			
Bromomethane	24.46	1.0	20	0	122	30-185	0			
Carbon disulfide	28.71	1.0	20	0	144	60-165	0			
Carbon tetrachloride	23.96	1.0	20	0	120	65-140	0			
Chlorobenzene	19.85	1.0	20	0	99.2	80-120	0			
Chloroethane	22.4	1.0	20	0	112	31-172	0			
Chloroform	20.72	1.0	20	0	104	80-130	0			
Chloromethane	22.66	1.0	20	0	113	46-148	0			
cis-1,2-Dichloroethene	22.56	1.0	20	0	113	75-134	0			
cis-1,3-Dichloropropene	24.36	1.0	20	0	122	70-130	0			
Dibromochloromethane	20.2	1.0	20	0	101	60-115	0			
Ethylbenzene	21.36	1.0	20	0	107	76-123	0			
m,p-Xylene	42.86	2.0	40	0	107	75-130	0			
Methylene chloride	21.48	5.0	20	0	107	72-125	0			
o-Xylene	21.29	1.0	20	0	106	76-127	0			
Styrene	21.44	1.0	20	0	107	83-137	0			
Tetrachloroethene	23.07	1.0	20	0	115	68-166	0			
Toluene	21.13	1.0	20	0	106	76-125	0			
trans-1,2-Dichloroethene	23.41	1.0	20	0	117	80-140	0			
trans-1,3-Dichloropropene	19.25	1.0	20	0	96.2	56-132	0			
Trichloroethene	21.45	1.0	20	0	107	77-125	0			
Vinyl chloride	23.92	1.0	20	0	120	50-136	0			
Xylenes, Total	64.15	3.0	60	0	107	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.19</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.55</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97.8</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.34</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>20.87</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>104</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081281
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269101** Instrument ID **VMS6** Method: **SW8260C**

MS		Sample ID: 19081137-24A MS				Units: µg/L		Analysis Date: 8/26/2019 05:17 AM		
Client ID:		Run ID: VMS6_190825A			SeqNo: 5870236		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	24.37	1.0	20	0	122	75-130	0			
1,1,2,2-Tetrachloroethane	20.97	1.0	20	0	105	75-130	0			
1,1,2-Trichloroethane	20.58	1.0	20	0	103	75-125	0			
1,1-Dichloroethane	25.43	1.0	20	0	127	68-142	0			
1,1-Dichloroethene	27.75	1.0	20	0	139	70-145	0			
1,2-Dichloroethane	20.7	1.0	20	0	104	78-125	0			
1,2-Dichloropropane	20.49	1.0	20	0	102	75-125	0			
2-Butanone	19.57	5.0	20	0	97.8	55-150	0			
2-Hexanone	15.49	5.0	20	0	77.4	60-135	0			
4-Methyl-2-pentanone	22.04	1.0	20	0	110	77-178	0			
Acetone	20.82	10	20	4.28	82.7	60-160	0			
Benzene	21.77	1.0	20	0	109	85-125	0			
Bromodichloromethane	23.23	1.0	20	0	116	75-125	0			
Bromoform	19.41	1.0	20	0	97	60-125	0			
Bromomethane	20.22	1.0	20	0	101	30-185	0			
Carbon disulfide	27.01	1.0	20	0	135	60-165	0			
Carbon tetrachloride	23.31	1.0	20	0	117	65-140	0			
Chlorobenzene	20.95	1.0	20	0	105	80-120	0			
Chloroethane	25.78	1.0	20	0	129	31-172	0			
Chloroform	22.73	1.0	20	0	114	80-130	0			
Chloromethane	25.55	1.0	20	0	128	46-148	0			
cis-1,2-Dichloroethene	23.32	1.0	20	0	117	75-134	0			
cis-1,3-Dichloropropene	21.4	1.0	20	0	107	70-130	0			
Dibromochloromethane	18.42	1.0	20	0	92.1	60-115	0			
Ethylbenzene	22.47	1.0	20	0	112	76-123	0			
m,p-Xylene	45.3	2.0	40	0	113	75-130	0			
Methylene chloride	22.88	5.0	20	0	114	72-125	0			
o-Xylene	22.36	1.0	20	0	112	76-127	0			
Styrene	22.33	1.0	20	0	112	83-137	0			
Tetrachloroethene	23.88	1.0	20	0	119	68-166	0			
Toluene	22.41	1.0	20	0	112	76-125	0			
trans-1,2-Dichloroethene	25.28	1.0	20	0	126	80-140	0			
trans-1,3-Dichloropropene	17.53	1.0	20	0	87.6	56-132	0			
Trichloroethene	23.3	1.0	20	0	116	77-125	0			
Vinyl chloride	25.62	1.0	20	0	128	50-136	0			
Xylenes, Total	67.66	3.0	60	0	113	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	19.46	0	20	0	97.3	75-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	19.74	0	20	0	98.7	80-110	0			
<i>Surr: Dibromofluoromethane</i>	20.22	0	20	0	101	85-115	0			
<i>Surr: Toluene-d8</i>	19.65	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: 19081281
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269101** Instrument ID **VMS6** Method: **SW8260C**

MSD		Sample ID: 19081137-24A MSD				Units: µg/L		Analysis Date: 8/26/2019 05:41 AM		
Client ID:		Run ID: VMS6_190825A			SeqNo: 5870237		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	25.64	1.0	20	0	128	75-130	24.37	5.08	30	
1,1,2,2-Tetrachloroethane	20.64	1.0	20	0	103	75-130	20.97	1.59	30	
1,1,2-Trichloroethane	20.49	1.0	20	0	102	75-125	20.58	0.438	30	
1,1-Dichloroethane	26.13	1.0	20	0	131	68-142	25.43	2.72	30	
1,1-Dichloroethene	29.03	1.0	20	0	145	70-145	27.75	4.51	30	S
1,2-Dichloroethane	21.63	1.0	20	0	108	78-125	20.7	4.39	30	
1,2-Dichloropropane	21.74	1.0	20	0	109	75-125	20.49	5.92	30	
2-Butanone	19.42	5.0	20	0	97.1	55-150	19.57	0.769	30	
2-Hexanone	15.42	5.0	20	0	77.1	60-135	15.49	0.453	30	
4-Methyl-2-pentanone	22.09	1.0	20	0	110	77-178	22.04	0.227	30	
Acetone	22.87	10	20	4.28	93	60-160	20.82	9.38	30	
Benzene	22.06	1.0	20	0	110	85-125	21.77	1.32	30	
Bromodichloromethane	22.7	1.0	20	0	114	75-125	23.23	2.31	30	
Bromoform	19.73	1.0	20	0	98.6	60-125	19.41	1.64	30	
Bromomethane	23.11	1.0	20	0	116	30-185	20.22	13.3	30	
Carbon disulfide	28.32	1.0	20	0	142	60-165	27.01	4.74	30	
Carbon tetrachloride	25.17	1.0	20	0	126	65-140	23.31	7.67	30	
Chlorobenzene	21.12	1.0	20	0	106	80-120	20.95	0.808	30	
Chloroethane	24.59	1.0	20	0	123	31-172	25.78	4.73	30	
Chloroform	22.73	1.0	20	0	114	80-130	22.73	0	30	
Chloromethane	26.53	1.0	20	0	133	46-148	25.55	3.76	30	
cis-1,2-Dichloroethene	24.86	1.0	20	0	124	75-134	23.32	6.39	30	
cis-1,3-Dichloropropene	22.7	1.0	20	0	114	70-130	21.4	5.9	30	
Dibromochloromethane	19.89	1.0	20	0	99.4	60-115	18.42	7.67	30	
Ethylbenzene	22.66	1.0	20	0	113	76-123	22.47	0.842	30	
m,p-Xylene	46.01	2.0	40	0	115	75-130	45.3	1.56	30	
Methylene chloride	23.73	5.0	20	0	119	72-125	22.88	3.65	30	
o-Xylene	22.72	1.0	20	0	114	76-127	22.36	1.6	30	
Styrene	22.02	1.0	20	0	110	83-137	22.33	1.4	30	
Tetrachloroethene	23	1.0	20	0	115	68-166	23.88	3.75	30	
Toluene	22.82	1.0	20	0	114	76-125	22.41	1.81	30	
trans-1,2-Dichloroethene	26.26	1.0	20	0	131	80-140	25.28	3.8	30	
trans-1,3-Dichloropropene	17.51	1.0	20	0	87.6	56-132	17.53	0.114	30	
Trichloroethene	23.95	1.0	20	0	120	77-125	23.3	2.75	30	
Vinyl chloride	26.57	1.0	20	0	133	50-136	25.62	3.64	30	
Xylenes, Total	68.73	3.0	60	0	115	76-127	67.66	1.57	30	
Surr: 1,2-Dichloroethane-d4	19.6	0	20	0	98	75-120	19.46	0.717	30	
Surr: 4-Bromofluorobenzene	20.25	0	20	0	101	80-110	19.74	2.55	30	
Surr: Dibromofluoromethane	20.08	0	20	0	100	85-115	20.22	0.695	30	
Surr: Toluene-d8	19.51	0	20	0	97.6	85-110	19.65	0.715	30	

The following samples were analyzed in this batch:

19081281-15A	19081281-16A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081281
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269156** Instrument ID **VMS6** Method: **SW8260C**

MBLK		Sample ID: VBLKW1-190826-R269156				Units: µg/L		Analysis Date: 8/26/2019 11:33 AM		
Client ID:		Run ID: VMS6_190826A		SeqNo: 5875548		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.94</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.7</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.41</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.41</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>20.25</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081281
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269156** Instrument ID **VMS6** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190826-R269156				Units: µg/L		Analysis Date: 8/26/2019 10:21 AM		
Client ID:		Run ID: VMS6_190826A			SeqNo: 5875543		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	23.14	1.0	20	0	116	75-130	0			
1,1,2,2-Tetrachloroethane	20.04	1.0	20	0	100	75-130	0			
1,1,2-Trichloroethane	18.7	1.0	20	0	93.5	75-125	0			
1,1-Dichloroethane	24.42	1.0	20	0	122	68-142	0			
1,1-Dichloroethene	24.51	1.0	20	0	123	70-145	0			
1,2-Dichloroethane	19.5	1.0	20	0	97.5	78-125	0			
1,2-Dichloropropane	19.03	1.0	20	0	95.2	75-125	0			
2-Butanone	19.71	5.0	20	0	98.6	55-150	0			
2-Hexanone	16.47	5.0	20	0	82.4	60-135	0			
4-Methyl-2-pentanone	24.88	1.0	20	0	124	77-178	0			
Acetone	25.93	10	20	0	130	60-160	0			
Benzene	19.91	1.0	20	0	99.6	70-130	0			
Bromodichloromethane	22.44	1.0	20	0	112	75-125	0			
Bromoform	20.49	1.0	20	0	102	60-125	0			
Bromomethane	26.42	1.0	20	0	132	30-185	0			
Carbon disulfide	27.44	1.0	20	0	137	60-165	0			
Carbon tetrachloride	22.15	1.0	20	0	111	65-140	0			
Chlorobenzene	19.83	1.0	20	0	99.2	80-120	0			
Chloroethane	22.31	1.0	20	0	112	31-172	0			
Chloroform	21.78	1.0	20	0	109	66-135	0			
Chloromethane	24.95	1.0	20	0	125	46-148	0			
cis-1,2-Dichloroethene	23.37	1.0	20	0	117	75-134	0			
cis-1,3-Dichloropropene	23.5	1.0	20	0	118	70-130	0			
Dibromochloromethane	20.01	1.0	20	0	100	60-115	0			
Ethylbenzene	20.92	1.0	20	0	105	76-123	0			
m,p-Xylene	41.7	2.0	40	0	104	75-130	0			
Methylene chloride	21.69	5.0	20	0	108	72-125	0			
o-Xylene	21.07	1.0	20	0	105	76-127	0			
Styrene	21.42	1.0	20	0	107	83-137	0			
Tetrachloroethene	20.53	1.0	20	0	103	68-166	0			
Toluene	20.99	1.0	20	0	105	76-125	0			
trans-1,2-Dichloroethene	24.21	1.0	20	0	121	80-140	0			
trans-1,3-Dichloropropene	19.39	1.0	20	0	97	56-132	0			
Trichloroethene	20.97	1.0	20	0	105	77-125	0			
Vinyl chloride	23.61	1.0	20	0	118	50-136	0			
Xylenes, Total	62.77	3.0	60	0	105	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	19.17	0	20	0	95.8	75-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.22	0	20	0	101	80-110	0			
<i>Surr: Dibromofluoromethane</i>	20.28	0	20	0	101	85-115	0			
<i>Surr: Toluene-d8</i>	19.76	0	20	0	98.8	85-110	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081281
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269156** Instrument ID **VMS6** Method: **SW8260C**

MS		Sample ID: 19081281-04A MS				Units: µg/L		Analysis Date: 8/26/2019 09:14 PM		
Client ID: ATR-MW30 (41.1) - G081519		Run ID: VMS6_190826A		SeqNo: 5875599		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	132.2	5.0	100	0	132	75-130	0			S
1,1,2,2-Tetrachloroethane	103.6	5.0	100	0	104	75-130	0			
1,1,2-Trichloroethane	102.5	5.0	100	0	102	75-125	0			
1,1-Dichloroethane	131	5.0	100	0	131	68-142	0			
1,1-Dichloroethene	133.2	5.0	100	0	133	70-145	0			
1,2-Dichloroethane	107.7	5.0	100	0	108	78-125	0			
1,2-Dichloropropane	105.5	5.0	100	0	106	75-125	0			
2-Butanone	87	25	100	0	87	55-150	0			
2-Hexanone	76.7	25	100	0	76.7	60-135	0			
4-Methyl-2-pentanone	113	5.0	100	0	113	77-178	0			
Acetone	100.2	50	100	3.15	97.1	60-160	0			
Benzene	109.4	5.0	100	3.65	106	70-130	0			
Bromodichloromethane	108.2	5.0	100	0	108	75-125	0			
Bromoform	96.25	5.0	100	0	96.2	60-125	0			
Bromomethane	71.1	5.0	100	0	71.1	30-185	0			
Carbon disulfide	115.7	5.0	100	0	116	60-165	0			
Carbon tetrachloride	117.8	5.0	100	0	118	65-140	0			
Chlorobenzene	105.8	5.0	100	0	106	80-120	0			
Chloroethane	119.4	5.0	100	0	119	31-172	0			
Chloroform	117.7	5.0	100	0	118	66-135	0			
Chloromethane	114.5	5.0	100	0	114	46-148	0			
cis-1,2-Dichloroethene	231.4	5.0	100	112.4	119	75-134	0			
cis-1,3-Dichloropropene	116	5.0	100	0	116	70-130	0			
Dibromochloromethane	95.25	5.0	100	0	95.2	60-115	0			
Ethylbenzene	117.2	5.0	100	0	117	76-123	0			
m,p-Xylene	237.2	10	200	0	119	75-130	0			
Methylene chloride	117	25	100	0	117	72-125	0			
o-Xylene	117.6	5.0	100	0	118	76-127	0			
Styrene	115	5.0	100	0	115	83-137	0			
Tetrachloroethene	117.8	5.0	100	0	118	68-166	0			
Toluene	116	5.0	100	0	116	76-125	0			
trans-1,2-Dichloroethene	129.2	5.0	100	0	129	80-140	0			
trans-1,3-Dichloropropene	88.95	5.0	100	0	89	56-132	0			
Trichloroethene	160.2	5.0	100	42.1	118	77-125	0			
Vinyl chloride	118.8	5.0	100	3.6	115	50-136	0			
Xylenes, Total	354.8	15	300	0	118	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>94.55</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>94.6</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>103.8</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>104</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>100.9</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>101</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>98.25</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>98.2</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081281
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269156** Instrument ID **VMS6** Method: **SW8260C**

MSD		Sample ID: 19081281-04A MSD				Units: µg/L		Analysis Date: 8/26/2019 09:38 PM		
Client ID: ATR-MW30 (41.1) - G081519		Run ID: VMS6_190826A		SeqNo: 5875600		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	129	5.0	100	0	129	75-130	132.2	2.53	30	
1,1,2,2-Tetrachloroethane	104.8	5.0	100	0	105	75-130	103.6	1.15	30	
1,1,2-Trichloroethane	102.6	5.0	100	0	103	75-125	102.5	0.0975	30	
1,1-Dichloroethane	129.2	5.0	100	0	129	68-142	131	1.38	30	
1,1-Dichloroethene	131.6	5.0	100	0	132	70-145	133.2	1.25	30	
1,2-Dichloroethane	107.3	5.0	100	0	107	78-125	107.7	0.372	30	
1,2-Dichloropropane	107	5.0	100	0	107	75-125	105.5	1.41	30	
2-Butanone	96.55	25	100	0	96.6	55-150	87	10.4	30	
2-Hexanone	73.15	25	100	0	73.2	60-135	76.7	4.74	30	
4-Methyl-2-pentanone	105	5.0	100	0	105	77-178	113	7.43	30	
Acetone	99.25	50	100	3.15	96.1	60-160	100.2	1	30	
Benzene	108.9	5.0	100	3.65	105	70-130	109.4	0.504	30	
Bromodichloromethane	114	5.0	100	0	114	75-125	108.2	5.27	30	
Bromoform	93.1	5.0	100	0	93.1	60-125	96.25	3.33	30	
Bromomethane	88.2	5.0	100	0	88.2	30-185	71.1	21.5	30	
Carbon disulfide	113.6	5.0	100	0	114	60-165	115.7	1.83	30	
Carbon tetrachloride	123	5.0	100	0	123	65-140	117.8	4.28	30	
Chlorobenzene	104.4	5.0	100	0	104	80-120	105.8	1.33	30	
Chloroethane	116	5.0	100	0	116	31-172	119.4	2.93	30	
Chloroform	114.8	5.0	100	0	115	66-135	117.7	2.49	30	
Chloromethane	101.2	5.0	100	0	101	46-148	114.5	12.3	30	
cis-1,2-Dichloroethene	229.3	5.0	100	112.4	117	75-134	231.4	0.912	30	
cis-1,3-Dichloropropene	109.4	5.0	100	0	109	70-130	116	5.85	30	
Dibromochloromethane	92.05	5.0	100	0	92	60-115	95.25	3.42	30	
Ethylbenzene	114.4	5.0	100	0	114	76-123	117.2	2.46	30	
m,p-Xylene	228.4	10	200	0	114	75-130	237.2	3.78	30	
Methylene chloride	112.4	25	100	0	112	72-125	117	4.01	30	
o-Xylene	113	5.0	100	0	113	76-127	117.6	3.99	30	
Styrene	113.3	5.0	100	0	113	83-137	115	1.45	30	
Tetrachloroethene	113	5.0	100	0	113	68-166	117.8	4.16	30	
Toluene	111.4	5.0	100	0	111	76-125	116	4.04	30	
trans-1,2-Dichloroethene	125.6	5.0	100	0	126	80-140	129.2	2.83	30	
trans-1,3-Dichloropropene	86.05	5.0	100	0	86	56-132	88.95	3.31	30	
Trichloroethene	160.2	5.0	100	42.1	118	77-125	160.2	0.0624	30	
Vinyl chloride	114.5	5.0	100	3.6	111	50-136	118.8	3.73	30	
Xylenes, Total	341.4	15	300	0	114	76-127	354.8	3.85	30	
Surr: 1,2-Dichloroethane-d4	97	0	100	0	97	75-120	94.55	2.56	30	
Surr: 4-Bromofluorobenzene	102	0	100	0	102	80-110	103.8	1.75	30	
Surr: Dibromofluoromethane	104.6	0	100	0	105	85-115	100.9	3.6	30	
Surr: Toluene-d8	96.85	0	100	0	96.8	85-110	98.25	1.44	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081281

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269156**

Instrument ID **VMS6**

Method: **SW8260C**

The following samples were analyzed in this batch:

19081281-04A	19081281-17A	19081281-19A
19081281-20A	19081281-21A	19081281-22A
19081281-23A	19081281-24A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



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Page 1 of 3

COC ID: 187802

ALS Project Manager: EB

ALS Work Order #: 19081281

Customer Information		Project Information		Parameter/Method Request for Analysis																		
Purchase Order	CO12609107	Project Name		A	VOCs	ALUB																
Work Order		Project Number	3359151040	B																		
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C																		
Send Report To	Paul Stork	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	Paul.Stork@woodpk.com	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(110)-G081519	8/15/19	0910	GW	1	3	X										
2	ATR-MW32(89)-G081519	8/15/19	0950	GW	1	3	X										
3	ATR-MW32(24.1)-G081519	8/15/19	1030	GW	1	3	X										
4	ATR-MW30(41.1)-G081519	8/15/19	1230	GW	1	3	X										
5	ATR-MW1-G081519	8/15/19	1325	GW	1	3	X										
6	ATR-MW48(159)-G081519	8/15/19	1425	GW	1	3	X										
7	ATR-MW48(159)-G081519R	8/15/19	1425	GW	1	3	X										
8	ATR-MW34(84)-G081519	8/15/19	0850	GW	1	3	X										
9	ATR-MW34(37)-G081519	8/15/19	1050	GW	1	3	X										
10	ATR-MW34(110)-G081519	8/15/19	0955	GW	1	3	X										

Sampler(s) Please Print & Sign: _____ Shipment Method: Fedex 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: 8/16/18 Time: 13:17 Received by: [Signature] Notes: _____
 Relinquished by: [Signature] Date: 8/16/18 Time: _____ Received by (Laboratory): _____ Cooler ID: _____ Cooler Temp: 3.00C
 Logged by (Laboratory): MJG Date: 8/14/18 Time: 10:00 Checked by (Laboratory): EB 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-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035



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York, PA
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Page 2 of 3

COC ID: 187801

ALS Project Manager: EB

ALS Work Order #: _____

Customer Information		Project Information		Parameter/Method Request for Analysis												
Purchase Order	CO12609107	Project Name		A	WOCs	82603										
Work Order		Project Number	3359151040	B												
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C												
Send Report To	Paul Stork	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	Paul.Stork@woodplc.com	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-EB001-081519	8/15/19	1435		1	3	X										
2	ATR-MW85(39)-G081519	8/15/19	1430	GW	1	3	X										
3	ATR-MW85(130)-G081519	8/15/19	1325	GW	1	3	X										
4	ATR-MW83(64)-G081619	8/16/19	1135	GW	1	3	X										
5	ATR-MW63(36)-G081619	8/16/19	1020	GW	1	3	X										
6	ATR-MW19(53)-G081619	8/16/19	0930	GW	1	3	X										
7	ATR-EB001-081619	8/16/19	0940	GW	1	3	X										
8	ATR-MW53(41)-G081619	8/16/19	0835	GW	1	3	X										
9	ATR-MW24(55)-G081619	8/16/19	1130	GW	1	3	X										
10	ATR-MW24(55)-G081619R	8/16/19	1130	GW	1	3	X										

Sampler(s) Please Print & Sign		Shipment Method <u>FedEx</u>		Required Turnaround Time: (Check Box) <input type="checkbox"/> Std 10 WK Days <input checked="" type="checkbox"/> 5 WK Days <input type="checkbox"/> Other <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour				Results Due Date:			
Relinquished by:	Date: 8/16/19	Time: 13:17	Received by:	Notes: ATR-MW53(41)-G081619 includes samples for MS/MSD							
Relinquished by:	Date: 8/16/19	Time:	Received by (Laboratory):	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)					
Logged by (Laboratory):	Date: 8/19/19	Time: 10:00	Checked by (Laboratory):		32°C	<input type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP CheckList				
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035					SR2	<input checked="" type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV				
						<input type="checkbox"/> Level IV SW846/CLP					
						<input type="checkbox"/> Other					

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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Page 3 of 3

COC ID: 187800

ALS Project Manager: **EB**

ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	CO12609107	Project Name		A	VOCs										
Work Order		Project Number	3359 15 1040	B											
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C											
Send Report To	Paul Stork	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	Paul.Stork@woodpic.com	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-MW57(38)-G081619	8/16/19	0850	GW	1	3	X										
2	ATR-MW55(49)-G081619	8/16/19	0945	GW	1	3	X										
3	ATR-MW45(185)-G081619	8/16/19	1040	GW	1	3	X										
4	Trip Blank	8/16/19		GW		1	X										
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:									
				<input type="checkbox"/> Std 10 WK Days <input checked="" type="checkbox"/> 5 WK Days <input type="checkbox"/> Other _____ <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour													
Relinquished by:	Date:	Time:	Received by:	Notes:													
<i>[Signature]</i>	8/16/19	13:17	<i>[Signature]</i>														
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)											
<i>[Signature]</i>	8/16/19		<i>[Signature]</i>		3.0°C	<input type="checkbox"/> Level II Std QC <input type="checkbox"/> Level III Std QC/Raw Data <input checked="" type="checkbox"/> Level IV SW846/CLP <input type="checkbox"/> TRRP CheckList <input type="checkbox"/> TRRP Level IV											
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):														
MJC	8/19/19	10:00	<i>[Signature]</i> EB														
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035																	

Ehrland Bosworth

From: Stork, Paul J. <paul.stork@woodplc.com>
Sent: Monday, August 19, 2019 12:43 PM
To: Ehrland Bosworth
Cc: Dornbusch, Russell E.; Ricardi, Christian S.; Hicks, Rachel (Technical Professional I - Geology)
Subject: [EXTERNAL] - RE: 19081281 TFS Rochester (3359-15-1040) - WOA

CAUTION: This email originated from outside of ALS. Do not click links or open attachments unless you recognize the sender and are sure content is relevant to you.

Ehrland,

We have an error on one of our sample nomenclatures. Our sample ATR-MW63(36)-G081619 designation is incorrect. The correct designation is ATR-MW62(36)-G081619. Our field sampler made a mistake when the sample was named and this was verified with the sampler, Rachel Hicks.

Please correct this mistake on your WOA and use this email as part of the COC documentation.

Thanks, Paul

Paul Stork
Principal Project Manager
Office 937 859 3600
Direct: 937 353 7210
Mobile: 937 671 7573
www.woodplc.com



From: Ehrland Bosworth [mailto:Ehrland.Bosworth@alsglobal.com]
Sent: Monday, August 19, 2019 11:08 AM
To: Stork, Paul J. <paul.stork@woodplc.com>; Dornbusch, Russell E. <russell.dornbusch@woodplc.com>; Ricardi, Christian S. <christian.ricardi@woodplc.com>
Subject: 19081281 TFS Rochester (3359-15-1040) - WOA

A summary for the referenced workorder / project is attached. Unless promptly notified otherwise, we will proceed as indicated.

Please contact us if we can be of any further assistance. Thanks!

Regards,

Ehrland Bosworth
Project Manager, Environmental
Holland, MI Laboratory

Sample Receipt Checklist

Client Name: **WOOD-DAYTON**

Date/Time Received: **17-Aug-19 10:00**

Work Order: **19081281**

Received by: **MJG**

Checklist completed by Matthew Gaylord 19-Aug-19
eSignature Date

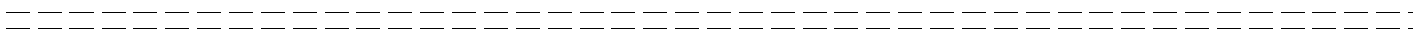
Reviewed by: Eheland Bramworth 19-Aug-19
eSignature Date

Matrices: Groundwater

Carrier name: Courier

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>3.0/3.0C</u>		<u>SR2</u>
Cooler(s)/Kit(s):	<u> </u>		
Date/Time sample(s) sent to storage:	<u>8/19/2019 10:19:17 AM</u>		
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:	<u> </u>		

Login Notes:



Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____ Regarding: _____

Comments:

CorrectiveAction:



28-Aug-2019

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

Re: **TFS Rochester (3359-15-1040)**

Work Order: **19081608**

Dear Paul,

ALS Environmental received 17 samples on 22-Aug-2019 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 52.

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,

A handwritten signature in black ink that reads "Ehrland Bosworth".

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

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RIGHT SOLUTIONS RIGHT PARTNER

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Work Order: 19081608

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
19081608-01	ATR-MW26(28.8)-G081919	Groundwater		8/19/2019 14:50	8/22/2019 09:30	<input type="checkbox"/>
19081608-02	ATR-MW26(58.2)-G081919	Groundwater		8/19/2019 14:05	8/22/2019 09:30	<input type="checkbox"/>
19081608-03	ATR-MW26(17.5)-G081919	Groundwater		8/19/2019 16:10	8/22/2019 09:30	<input type="checkbox"/>
19081608-04	ATR-EB001-081919	Water		8/19/2019 14:20	8/22/2019 09:30	<input type="checkbox"/>
19081608-05	ATR-MW27(18)-G081919	Groundwater		8/19/2019 16:00	8/22/2019 09:30	<input type="checkbox"/>
19081608-06	ATR-MW27(18)-G081919R	Groundwater		8/19/2019 16:00	8/22/2019 09:30	<input type="checkbox"/>
19081608-07	ATR-MW14-G082019	Groundwater		8/20/2019 08:35	8/22/2019 09:30	<input type="checkbox"/>
19081608-08	ATR-MW15-G082019	Groundwater		8/20/2019 09:55	8/22/2019 09:30	<input type="checkbox"/>
19081608-09	ATR-MW25(82)-G082019	Groundwater		8/20/2019 10:45	8/22/2019 09:30	<input type="checkbox"/>
19081608-10	ATR-MW25(32.6)-G082019	Groundwater		8/20/2019 12:15	8/22/2019 09:30	<input type="checkbox"/>
19081608-11	ATR-MW17-G082019	Groundwater		8/20/2019 13:20	8/22/2019 09:30	<input type="checkbox"/>
19081608-12	ATR-MW82(58)-G082019	Groundwater		8/20/2019 14:50	8/22/2019 09:30	<input type="checkbox"/>
19081608-13	ATR-MW20(51)-G082019	Groundwater		8/20/2019 13:20	8/22/2019 09:30	<input type="checkbox"/>
19081608-14	ATR-MW25(16.4)-G082019	Groundwater		8/20/2019 11:30	8/22/2019 09:30	<input type="checkbox"/>
19081608-15	ATR-MW6C-G082119	Groundwater		8/21/2019 14:50	8/22/2019 09:30	<input type="checkbox"/>
19081608-16	ATR-EB001-082119	Groundwater		8/21/2019 14:10	8/22/2019 09:30	<input type="checkbox"/>
19081608-17	ATR-TR003-082119	Groundwater		8/21/2019	8/22/2019 09:30	<input type="checkbox"/>

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
WorkOrder: 19081608

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	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.

<u>Acronym</u>	<u>Description</u>
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

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter

Client: Wood Environment & Infrastructure Solutions, Inc
Project: TFS Rochester (3359-15-1040)
Work Order: 19081608

Case Narrative

Samples for the above noted Work Order were received on 08/22/19. 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 R269156, Method VOC_8260_W, Sample 19081608-01A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081608-02A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081608-03A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081608-04A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081608-05A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081608-06A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Client: Wood Environment & Infrastructure Solutions, Inc
Project: TFS Rochester (3359-15-1040)
Work Order: 19081608

Case Narrative

Batch R269156, Method VOC_8260_W, Sample 19081608-08A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081608-09A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081608-10A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081608-16A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

Batch R269156, Method VOC_8260_W, Sample 19081608-17A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for 2-Hexanone.

No other deviations or anomalies were noted.

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW26(28.8)-G081919

Lab ID: 19081608-01

Collection Date: 8/19/2019 02:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 05:36 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 05:36 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Acetone	ND		10	µg/L	1	8/26/2019 05:36 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Chloromethane	1.9		1.0	µg/L	1	8/26/2019 05:36 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 05:36 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 05:36 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 05:36 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 05:36 PM
Surr: 1,2-Dichloroethane-d4	98.7		75-120	%REC	1	8/26/2019 05:36 PM
Surr: 4-Bromofluorobenzene	94.4		80-110	%REC	1	8/26/2019 05:36 PM
Surr: Dibromofluoromethane	97.8		85-115	%REC	1	8/26/2019 05:36 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW26(28.8)-G081919

Lab ID: 19081608-01

Collection Date: 8/19/2019 02:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	101		85-110	%REC	1	8/26/2019 05:36 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: 19081608

Sample ID: ATR-MW26(58.2)-G081919

Lab ID: 19081608-02

Collection Date: 8/19/2019 02:05 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 06:00 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 06:00 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Acetone	ND		10	µg/L	1	8/26/2019 06:00 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 06:00 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 06:00 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 06:00 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 06:00 PM
Surr: 1,2-Dichloroethane-d4	97.8		75-120	%REC	1	8/26/2019 06:00 PM
Surr: 4-Bromofluorobenzene	99.2		80-110	%REC	1	8/26/2019 06:00 PM
Surr: Dibromofluoromethane	99.9		85-115	%REC	1	8/26/2019 06:00 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW26(58.2)-G081919

Lab ID: 19081608-02

Collection Date: 8/19/2019 02:05 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	103		85-110	%REC	1	8/26/2019 06:00 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: 19081608

Sample ID: ATR-MW26(17.5)-G081919

Lab ID: 19081608-03

Collection Date: 8/19/2019 04:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 06:25 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 06:25 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Acetone	ND		10	µg/L	1	8/26/2019 06:25 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 06:25 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 06:25 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 06:25 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 06:25 PM
Surr: 1,2-Dichloroethane-d4	103		75-120	%REC	1	8/26/2019 06:25 PM
Surr: 4-Bromofluorobenzene	98.0		80-110	%REC	1	8/26/2019 06:25 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	8/26/2019 06:25 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW26(17.5)-G081919

Lab ID: 19081608-03

Collection Date: 8/19/2019 04:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	102		85-110	%REC	1	8/26/2019 06:25 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: 19081608

Sample ID: ATR-EB001-081919

Lab ID: 19081608-04

Collection Date: 8/19/2019 02:20 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 03:36 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 03:36 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Acetone	ND		10	µg/L	1	8/26/2019 03:36 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 03:36 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 03:36 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 03:36 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 03:36 PM
Surr: 1,2-Dichloroethane-d4	100		75-120	%REC	1	8/26/2019 03:36 PM
Surr: 4-Bromofluorobenzene	95.4		80-110	%REC	1	8/26/2019 03:36 PM
Surr: Dibromofluoromethane	97.8		85-115	%REC	1	8/26/2019 03:36 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-EB001-081919

Lab ID: 19081608-04

Collection Date: 8/19/2019 02:20 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.2		85-110	%REC	1	8/26/2019 03:36 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: 19081608

Sample ID: ATR-MW27(18)-G081919

Lab ID: 19081608-05

Collection Date: 8/19/2019 04:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 06:49 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 06:49 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Acetone	ND		10	µg/L	1	8/26/2019 06:49 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 06:49 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 06:49 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Trichloroethene	1.1		1.0	µg/L	1	8/26/2019 06:49 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 06:49 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 06:49 PM
Surr: 1,2-Dichloroethane-d4	106		75-120	%REC	1	8/26/2019 06:49 PM
Surr: 4-Bromofluorobenzene	94.2		80-110	%REC	1	8/26/2019 06:49 PM
Surr: Dibromofluoromethane	109		85-115	%REC	1	8/26/2019 06:49 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW27(18)-G081919

Lab ID: 19081608-05

Collection Date: 8/19/2019 04:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	95.8		85-110	%REC	1	8/26/2019 06:49 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: 19081608

Sample ID: ATR-MW27(18)-G081919R

Lab ID: 19081608-06

Collection Date: 8/19/2019 04:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 07:13 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 07:13 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Acetone	ND		10	µg/L	1	8/26/2019 07:13 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Chloromethane	1.3		1.0	µg/L	1	8/26/2019 07:13 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 07:13 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 07:13 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 07:13 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 07:13 PM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/26/2019 07:13 PM
Surr: 4-Bromofluorobenzene	94.2		80-110	%REC	1	8/26/2019 07:13 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	8/26/2019 07:13 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW27(18)-G081919R

Lab ID: 19081608-06

Collection Date: 8/19/2019 04:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.0		85-110	%REC	1	8/26/2019 07:13 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: 19081608

Sample ID: ATR-MW14-G082019

Lab ID: 19081608-07

Collection Date: 8/20/2019 08:35 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 07:37 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 07:37 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Acetone	ND		10	µg/L	1	8/26/2019 07:37 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
cis-1,2-Dichloroethene	1.5		1.0	µg/L	1	8/26/2019 07:37 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 07:37 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 07:37 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 07:37 PM
Vinyl chloride	1.1		1.0	µg/L	1	8/26/2019 07:37 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 07:37 PM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/26/2019 07:37 PM
Surr: 4-Bromofluorobenzene	95.2		80-110	%REC	1	8/26/2019 07:37 PM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/26/2019 07:37 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW14-G082019

Lab ID: 19081608-07

Collection Date: 8/20/2019 08:35 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.2		85-110	%REC	1	8/26/2019 07:37 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: 19081608

Sample ID: ATR-MW15-G082019

Lab ID: 19081608-08

Collection Date: 8/20/2019 09:55 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
2-Butanone	17		5.0	µg/L	1	8/26/2019 08:01 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 08:01 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Acetone	ND		10	µg/L	1	8/26/2019 08:01 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 08:01 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 08:01 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 08:01 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 08:01 PM
Surr: 1,2-Dichloroethane-d4	105		75-120	%REC	1	8/26/2019 08:01 PM
Surr: 4-Bromofluorobenzene	94.8		80-110	%REC	1	8/26/2019 08:01 PM
Surr: Dibromofluoromethane	103		85-115	%REC	1	8/26/2019 08:01 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW15-G082019

Lab ID: 19081608-08

Collection Date: 8/20/2019 09:55 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	92.0		85-110	%REC	1	8/26/2019 08:01 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: 19081608

Sample ID: ATR-MW25(82)-G082019

Lab ID: 19081608-09

Collection Date: 8/20/2019 10:45 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 08:25 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 08:25 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Acetone	ND		10	µg/L	1	8/26/2019 08:25 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
cis-1,2-Dichloroethene	1.5		1.0	µg/L	1	8/26/2019 08:25 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 08:25 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 08:25 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 08:25 PM
Vinyl chloride	3.6		1.0	µg/L	1	8/26/2019 08:25 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 08:25 PM
Surr: 1,2-Dichloroethane-d4	101		75-120	%REC	1	8/26/2019 08:25 PM
Surr: 4-Bromofluorobenzene	93.8		80-110	%REC	1	8/26/2019 08:25 PM
Surr: Dibromofluoromethane	100		85-115	%REC	1	8/26/2019 08:25 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW25(82)-G082019

Lab ID: 19081608-09

Collection Date: 8/20/2019 10:45 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	93.6		85-110	%REC	1	8/26/2019 08:25 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: 19081608

Sample ID: ATR-MW25(32.6)-G082019

Lab ID: 19081608-10

Collection Date: 8/20/2019 12:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 08:49 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 08:49 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Acetone	ND		10	µg/L	1	8/26/2019 08:49 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 08:49 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 08:49 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 08:49 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 08:49 PM
Surr: 1,2-Dichloroethane-d4	98.3		75-120	%REC	1	8/26/2019 08:49 PM
Surr: 4-Bromofluorobenzene	95.6		80-110	%REC	1	8/26/2019 08:49 PM
Surr: Dibromofluoromethane	97.6		85-115	%REC	1	8/26/2019 08:49 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW25(32.6)-G082019

Lab ID: 19081608-10

Collection Date: 8/20/2019 12:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	101		85-110	%REC	1	8/26/2019 08:49 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: 19081608

Sample ID: ATR-MW17-G082019

Lab ID: 19081608-11

Collection Date: 8/20/2019 01:20 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
2-Butanone	ND		5.0	µg/L	1	8/27/2019 02:52 AM
2-Hexanone	ND		5.0	µg/L	1	8/27/2019 02:52 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Acetone	ND		10	µg/L	1	8/27/2019 02:52 AM
Benzene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Bromoform	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Bromomethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Carbon disulfide	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Chlorobenzene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Chloroethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Chloroform	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Chloromethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
cis-1,2-Dichloroethene	20		1.0	µg/L	1	8/27/2019 02:52 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Ethylbenzene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
m,p-Xylene	ND		2.0	µg/L	1	8/27/2019 02:52 AM
Methylene chloride	ND		5.0	µg/L	1	8/27/2019 02:52 AM
o-Xylene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Styrene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Toluene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 02:52 AM
Trichloroethene	39		1.0	µg/L	1	8/27/2019 02:52 AM
Vinyl chloride	1.6		1.0	µg/L	1	8/27/2019 02:52 AM
Xylenes, Total	ND		3.0	µg/L	1	8/27/2019 02:52 AM
Surr: 1,2-Dichloroethane-d4	101		75-120	%REC	1	8/27/2019 02:52 AM
Surr: 4-Bromofluorobenzene	94.9		80-110	%REC	1	8/27/2019 02:52 AM
Surr: Dibromofluoromethane	98.6		85-115	%REC	1	8/27/2019 02:52 AM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW17-G082019

Lab ID: 19081608-11

Collection Date: 8/20/2019 01:20 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.7		85-110	%REC	1	8/27/2019 02:52 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: 19081608

Sample ID: ATR-MW82(58)-G082019

Lab ID: 19081608-12

Collection Date: 8/20/2019 02:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
2-Butanone	ND		5.0	µg/L	1	8/27/2019 03:16 AM
2-Hexanone	ND		5.0	µg/L	1	8/27/2019 03:16 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Acetone	ND		10	µg/L	1	8/27/2019 03:16 AM
Benzene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Bromoform	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Bromomethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Carbon disulfide	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Chlorobenzene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Chloroethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Chloroform	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Chloromethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Ethylbenzene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
m,p-Xylene	ND		2.0	µg/L	1	8/27/2019 03:16 AM
Methylene chloride	ND		5.0	µg/L	1	8/27/2019 03:16 AM
o-Xylene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Styrene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Toluene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Trichloroethene	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Vinyl chloride	ND		1.0	µg/L	1	8/27/2019 03:16 AM
Xylenes, Total	ND		3.0	µg/L	1	8/27/2019 03:16 AM
Surr: 1,2-Dichloroethane-d4	104		75-120	%REC	1	8/27/2019 03:16 AM
Surr: 4-Bromofluorobenzene	96.8		80-110	%REC	1	8/27/2019 03:16 AM
Surr: Dibromofluoromethane	96.6		85-115	%REC	1	8/27/2019 03:16 AM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW82(58)-G082019

Lab ID: 19081608-12

Collection Date: 8/20/2019 02:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	102		85-110	%REC	1	8/27/2019 03:16 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: 19081608

Sample ID: ATR-MW20(51)-G082019

Lab ID: 19081608-13

Collection Date: 8/20/2019 01:20 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
2-Butanone	ND		5.0	µg/L	1	8/27/2019 03:40 AM
2-Hexanone	ND		5.0	µg/L	1	8/27/2019 03:40 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Acetone	ND		10	µg/L	1	8/27/2019 03:40 AM
Benzene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Bromoform	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Bromomethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Carbon disulfide	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Chlorobenzene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Chloroethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Chloroform	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Chloromethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Ethylbenzene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
m,p-Xylene	ND		2.0	µg/L	1	8/27/2019 03:40 AM
Methylene chloride	ND		5.0	µg/L	1	8/27/2019 03:40 AM
o-Xylene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Styrene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Toluene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Trichloroethene	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Vinyl chloride	ND		1.0	µg/L	1	8/27/2019 03:40 AM
Xylenes, Total	ND		3.0	µg/L	1	8/27/2019 03:40 AM
Surr: 1,2-Dichloroethane-d4	98.0		75-120	%REC	1	8/27/2019 03:40 AM
Surr: 4-Bromofluorobenzene	94.2		80-110	%REC	1	8/27/2019 03:40 AM
Surr: Dibromofluoromethane	98.0		85-115	%REC	1	8/27/2019 03:40 AM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW20(51)-G082019

Lab ID: 19081608-13

Collection Date: 8/20/2019 01:20 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.2		85-110	%REC	1	8/27/2019 03:40 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: 19081608

Sample ID: ATR-MW25(16.4)-G082019

Lab ID: 19081608-14

Collection Date: 8/20/2019 11:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
2-Butanone	ND		5.0	µg/L	1	8/27/2019 04:04 AM
2-Hexanone	ND		5.0	µg/L	1	8/27/2019 04:04 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Acetone	ND		10	µg/L	1	8/27/2019 04:04 AM
Benzene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Bromoform	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Bromomethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Carbon disulfide	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Chlorobenzene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Chloroethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Chloroform	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Chloromethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Ethylbenzene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
m,p-Xylene	ND		2.0	µg/L	1	8/27/2019 04:04 AM
Methylene chloride	ND		5.0	µg/L	1	8/27/2019 04:04 AM
o-Xylene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Styrene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Toluene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Trichloroethene	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Vinyl chloride	ND		1.0	µg/L	1	8/27/2019 04:04 AM
Xylenes, Total	ND		3.0	µg/L	1	8/27/2019 04:04 AM
Surr: 1,2-Dichloroethane-d4	100		75-120	%REC	1	8/27/2019 04:04 AM
Surr: 4-Bromofluorobenzene	95.1		80-110	%REC	1	8/27/2019 04:04 AM
Surr: Dibromofluoromethane	96.7		85-115	%REC	1	8/27/2019 04:04 AM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW25(16.4)-G082019

Lab ID: 19081608-14

Collection Date: 8/20/2019 11:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.8		85-110	%REC	1	8/27/2019 04:04 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: 19081608

Sample ID: ATR-MW6C-G082119

Lab ID: 19081608-15

Collection Date: 8/21/2019 02:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
2-Butanone	ND		5.0	µg/L	1	8/27/2019 04:28 AM
2-Hexanone	ND		5.0	µg/L	1	8/27/2019 04:28 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Acetone	ND		10	µg/L	1	8/27/2019 04:28 AM
Benzene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Bromoform	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Bromomethane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Carbon disulfide	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Chlorobenzene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Chloroethane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Chloroform	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Chloromethane	1.5		1.0	µg/L	1	8/27/2019 04:28 AM
cis-1,2-Dichloroethene	4.0		1.0	µg/L	1	8/27/2019 04:28 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Ethylbenzene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
m,p-Xylene	ND		2.0	µg/L	1	8/27/2019 04:28 AM
Methylene chloride	ND		5.0	µg/L	1	8/27/2019 04:28 AM
o-Xylene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Styrene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Toluene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Trichloroethene	ND		1.0	µg/L	1	8/27/2019 04:28 AM
Vinyl chloride	2.3		1.0	µg/L	1	8/27/2019 04:28 AM
Xylenes, Total	ND		3.0	µg/L	1	8/27/2019 04:28 AM
Surr: 1,2-Dichloroethane-d4	104		75-120	%REC	1	8/27/2019 04:28 AM
Surr: 4-Bromofluorobenzene	93.0		80-110	%REC	1	8/27/2019 04:28 AM
Surr: Dibromofluoromethane	98.2		85-115	%REC	1	8/27/2019 04:28 AM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-MW6C-G082119

Lab ID: 19081608-15

Collection Date: 8/21/2019 02:50 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	102		85-110	%REC	1	8/27/2019 04:28 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)
 Sample ID: ATR-EB001-082119
 Collection Date: 8/21/2019 02:10 PM

Work Order: 19081608
 Lab ID: 19081608-16
 Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 04:00 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 04:00 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Acetone	ND		10	µg/L	1	8/26/2019 04:00 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 04:00 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 04:00 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 04:00 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 04:00 PM
Surr: 1,2-Dichloroethane-d4	101		75-120	%REC	1	8/26/2019 04:00 PM
Surr: 4-Bromofluorobenzene	95.2		80-110	%REC	1	8/26/2019 04:00 PM
Surr: Dibromofluoromethane	104		85-115	%REC	1	8/26/2019 04:00 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-EB001-082119

Lab ID: 19081608-16

Collection Date: 8/21/2019 02:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	103		85-110	%REC	1	8/26/2019 04:00 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)
Sample ID: ATR-TR003-082119
Collection Date: 8/21/2019

Work Order: 19081608
Lab ID: 19081608-17
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: BG	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 04:24 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 04:24 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Acetone	ND		10	µg/L	1	8/26/2019 04:24 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 04:24 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 04:24 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 04:24 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 04:24 PM
Surr: 1,2-Dichloroethane-d4	102		75-120	%REC	1	8/26/2019 04:24 PM
Surr: 4-Bromofluorobenzene	96.3		80-110	%REC	1	8/26/2019 04:24 PM
Surr: Dibromofluoromethane	99.8		85-115	%REC	1	8/26/2019 04:24 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081608

Sample ID: ATR-TR003-082119

Lab ID: 19081608-17

Collection Date: 8/21/2019

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	102		85-110	%REC	1	8/26/2019 04:24 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081608
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269156** Instrument ID **VMS6** Method: **SW8260C**

MBLK		Sample ID: VBK1-190826-R269156			Units: µg/L		Analysis Date: 8/26/2019 11:33 AM			
Client ID:		Run ID: VMS6_190826A			SeqNo: 5875548		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.94</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.7</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.41</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.41</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>20.25</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081608
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269156** Instrument ID **VMS6** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190826-R269156				Units: µg/L		Analysis Date: 8/26/2019 10:21 AM		
Client ID:		Run ID: VMS6_190826A			SeqNo: 5875543		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	23.14	1.0	20	0	116	75-130	0			
1,1,2,2-Tetrachloroethane	20.04	1.0	20	0	100	75-130	0			
1,1,2-Trichloroethane	18.7	1.0	20	0	93.5	75-125	0			
1,1-Dichloroethane	24.42	1.0	20	0	122	68-142	0			
1,1-Dichloroethene	24.51	1.0	20	0	123	70-145	0			
1,2-Dichloroethane	19.5	1.0	20	0	97.5	78-125	0			
1,2-Dichloropropane	19.03	1.0	20	0	95.2	75-125	0			
2-Butanone	19.71	5.0	20	0	98.6	55-150	0			
2-Hexanone	16.47	5.0	20	0	82.4	60-135	0			
4-Methyl-2-pentanone	24.88	1.0	20	0	124	77-178	0			
Acetone	25.93	10	20	0	130	60-160	0			
Benzene	19.91	1.0	20	0	99.6	70-130	0			
Bromodichloromethane	22.44	1.0	20	0	112	75-125	0			
Bromoform	20.49	1.0	20	0	102	60-125	0			
Bromomethane	26.42	1.0	20	0	132	30-185	0			
Carbon disulfide	27.44	1.0	20	0	137	60-165	0			
Carbon tetrachloride	22.15	1.0	20	0	111	65-140	0			
Chlorobenzene	19.83	1.0	20	0	99.2	80-120	0			
Chloroethane	22.31	1.0	20	0	112	31-172	0			
Chloroform	21.78	1.0	20	0	109	66-135	0			
Chloromethane	24.95	1.0	20	0	125	46-148	0			
cis-1,2-Dichloroethene	23.37	1.0	20	0	117	75-134	0			
cis-1,3-Dichloropropene	23.5	1.0	20	0	118	70-130	0			
Dibromochloromethane	20.01	1.0	20	0	100	60-115	0			
Ethylbenzene	20.92	1.0	20	0	105	76-123	0			
m,p-Xylene	41.7	2.0	40	0	104	75-130	0			
Methylene chloride	21.69	5.0	20	0	108	72-125	0			
o-Xylene	21.07	1.0	20	0	105	76-127	0			
Styrene	21.42	1.0	20	0	107	83-137	0			
Tetrachloroethene	20.53	1.0	20	0	103	68-166	0			
Toluene	20.99	1.0	20	0	105	76-125	0			
trans-1,2-Dichloroethene	24.21	1.0	20	0	121	80-140	0			
trans-1,3-Dichloropropene	19.39	1.0	20	0	97	56-132	0			
Trichloroethene	20.97	1.0	20	0	105	77-125	0			
Vinyl chloride	23.61	1.0	20	0	118	50-136	0			
Xylenes, Total	62.77	3.0	60	0	105	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	19.17	0	20	0	95.8	75-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	20.22	0	20	0	101	80-110	0			
<i>Surr: Dibromofluoromethane</i>	20.28	0	20	0	101	85-115	0			
<i>Surr: Toluene-d8</i>	19.76	0	20	0	98.8	85-110	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081608
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269156** Instrument ID **VMS6** Method: **SW8260C**

MS		Sample ID: 19081281-04A MS				Units: µg/L		Analysis Date: 8/26/2019 09:14 PM		
Client ID:		Run ID: VMS6_190826A			SeqNo: 5875599		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	132.2	5.0	100	0	132	75-130	0			S
1,1,2,2-Tetrachloroethane	103.6	5.0	100	0	104	75-130	0			
1,1,2-Trichloroethane	102.5	5.0	100	0	102	75-125	0			
1,1-Dichloroethane	131	5.0	100	0	131	68-142	0			
1,1-Dichloroethene	133.2	5.0	100	0	133	70-145	0			
1,2-Dichloroethane	107.7	5.0	100	0	108	78-125	0			
1,2-Dichloropropane	105.5	5.0	100	0	106	75-125	0			
2-Butanone	87	25	100	0	87	55-150	0			
2-Hexanone	76.7	25	100	0	76.7	60-135	0			
4-Methyl-2-pentanone	113	5.0	100	0	113	77-178	0			
Acetone	100.2	50	100	3.15	97.1	60-160	0			
Benzene	109.4	5.0	100	3.65	106	70-130	0			
Bromodichloromethane	108.2	5.0	100	0	108	75-125	0			
Bromoform	96.25	5.0	100	0	96.2	60-125	0			
Bromomethane	71.1	5.0	100	0	71.1	30-185	0			
Carbon disulfide	115.7	5.0	100	0	116	60-165	0			
Carbon tetrachloride	117.8	5.0	100	0	118	65-140	0			
Chlorobenzene	105.8	5.0	100	0	106	80-120	0			
Chloroethane	119.4	5.0	100	0	119	31-172	0			
Chloroform	117.7	5.0	100	0	118	66-135	0			
Chloromethane	114.5	5.0	100	0	114	46-148	0			
cis-1,2-Dichloroethene	231.4	5.0	100	112.4	119	75-134	0			
cis-1,3-Dichloropropene	116	5.0	100	0	116	70-130	0			
Dibromochloromethane	95.25	5.0	100	0	95.2	60-115	0			
Ethylbenzene	117.2	5.0	100	0	117	76-123	0			
m,p-Xylene	237.2	10	200	0	119	75-130	0			
Methylene chloride	117	25	100	0	117	72-125	0			
o-Xylene	117.6	5.0	100	0	118	76-127	0			
Styrene	115	5.0	100	0	115	83-137	0			
Tetrachloroethene	117.8	5.0	100	0	118	68-166	0			
Toluene	116	5.0	100	0	116	76-125	0			
trans-1,2-Dichloroethene	129.2	5.0	100	0	129	80-140	0			
trans-1,3-Dichloropropene	88.95	5.0	100	0	89	56-132	0			
Trichloroethene	160.2	5.0	100	42.1	118	77-125	0			
Vinyl chloride	118.8	5.0	100	3.6	115	50-136	0			
Xylenes, Total	354.8	15	300	0	118	76-127	0			
Surr: 1,2-Dichloroethane-d4	94.55	0	100	0	94.6	75-120	0			
Surr: 4-Bromofluorobenzene	103.8	0	100	0	104	80-110	0			
Surr: Dibromofluoromethane	100.9	0	100	0	101	85-115	0			
Surr: Toluene-d8	98.25	0	100	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: 19081608
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269156** Instrument ID **VMS6** Method: **SW8260C**

MSD		Sample ID: 19081281-04A MSD				Units: µg/L		Analysis Date: 8/26/2019 09:38 PM		
Client ID:		Run ID: VMS6_190826A			SeqNo: 5875600		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	129	5.0	100	0	129	75-130	132.2	2.53	30	
1,1,2,2-Tetrachloroethane	104.8	5.0	100	0	105	75-130	103.6	1.15	30	
1,1,2-Trichloroethane	102.6	5.0	100	0	103	75-125	102.5	0.0975	30	
1,1-Dichloroethane	129.2	5.0	100	0	129	68-142	131	1.38	30	
1,1-Dichloroethene	131.6	5.0	100	0	132	70-145	133.2	1.25	30	
1,2-Dichloroethane	107.3	5.0	100	0	107	78-125	107.7	0.372	30	
1,2-Dichloropropane	107	5.0	100	0	107	75-125	105.5	1.41	30	
2-Butanone	96.55	25	100	0	96.6	55-150	87	10.4	30	
2-Hexanone	73.15	25	100	0	73.2	60-135	76.7	4.74	30	
4-Methyl-2-pentanone	105	5.0	100	0	105	77-178	113	7.43	30	
Acetone	99.25	50	100	3.15	96.1	60-160	100.2	1	30	
Benzene	108.9	5.0	100	3.65	105	70-130	109.4	0.504	30	
Bromodichloromethane	114	5.0	100	0	114	75-125	108.2	5.27	30	
Bromoform	93.1	5.0	100	0	93.1	60-125	96.25	3.33	30	
Bromomethane	88.2	5.0	100	0	88.2	30-185	71.1	21.5	30	
Carbon disulfide	113.6	5.0	100	0	114	60-165	115.7	1.83	30	
Carbon tetrachloride	123	5.0	100	0	123	65-140	117.8	4.28	30	
Chlorobenzene	104.4	5.0	100	0	104	80-120	105.8	1.33	30	
Chloroethane	116	5.0	100	0	116	31-172	119.4	2.93	30	
Chloroform	114.8	5.0	100	0	115	66-135	117.7	2.49	30	
Chloromethane	101.2	5.0	100	0	101	46-148	114.5	12.3	30	
cis-1,2-Dichloroethene	229.3	5.0	100	112.4	117	75-134	231.4	0.912	30	
cis-1,3-Dichloropropene	109.4	5.0	100	0	109	70-130	116	5.85	30	
Dibromochloromethane	92.05	5.0	100	0	92	60-115	95.25	3.42	30	
Ethylbenzene	114.4	5.0	100	0	114	76-123	117.2	2.46	30	
m,p-Xylene	228.4	10	200	0	114	75-130	237.2	3.78	30	
Methylene chloride	112.4	25	100	0	112	72-125	117	4.01	30	
o-Xylene	113	5.0	100	0	113	76-127	117.6	3.99	30	
Styrene	113.3	5.0	100	0	113	83-137	115	1.45	30	
Tetrachloroethene	113	5.0	100	0	113	68-166	117.8	4.16	30	
Toluene	111.4	5.0	100	0	111	76-125	116	4.04	30	
trans-1,2-Dichloroethene	125.6	5.0	100	0	126	80-140	129.2	2.83	30	
trans-1,3-Dichloropropene	86.05	5.0	100	0	86	56-132	88.95	3.31	30	
Trichloroethene	160.2	5.0	100	42.1	118	77-125	160.2	0.0624	30	
Vinyl chloride	114.5	5.0	100	3.6	111	50-136	118.8	3.73	30	
Xylenes, Total	341.4	15	300	0	114	76-127	354.8	3.85	30	
Surr: 1,2-Dichloroethane-d4	97	0	100	0	97	75-120	94.55	2.56	30	
Surr: 4-Bromofluorobenzene	102	0	100	0	102	80-110	103.8	1.75	30	
Surr: Dibromofluoromethane	104.6	0	100	0	105	85-115	100.9	3.6	30	
Surr: Toluene-d8	96.85	0	100	0	96.8	85-110	98.25	1.44	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081608

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269156**

Instrument ID **VMS6**

Method: **SW8260C**

The following samples were analyzed in this batch:

19081608-01A	19081608-02A	19081608-03A
19081608-04A	19081608-05A	19081608-06A
19081608-07A	19081608-08A	19081608-09A
19081608-10A	19081608-16A	19081608-17A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081608
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269208a** Instrument ID **VMS6** Method: **SW8260C**

MBLK		Sample ID: VBLKW2-190826-R269208a				Units: µg/L		Analysis Date: 8/27/2019 12:51 PM		
Client ID:		Run ID: VMS6_190826B		SeqNo: 5875838		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>20</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>100</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.14</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>19.43</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97.2</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.78</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.9</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081608
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269208a** Instrument ID **VMS6** Method: **SW8260C**

LCS		Sample ID: VLCSW2-190826-R269208a				Units: µg/L		Analysis Date: 8/26/2019 11:39 PM		
Client ID:		Run ID: VMS6_190826B		SeqNo: 5875801		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	19.73	1.0	20	0	98.6	75-130	0			
1,1,2,2-Tetrachloroethane	20.14	1.0	20	0	101	75-130	0			
1,1,2-Trichloroethane	19.42	1.0	20	0	97.1	75-125	0			
1,1-Dichloroethane	22.63	1.0	20	0	113	68-142	0			
1,1-Dichloroethene	19.94	1.0	20	0	99.7	70-145	0			
1,2-Dichloroethane	19.45	1.0	20	0	97.2	78-125	0			
1,2-Dichloropropane	18.48	1.0	20	0	92.4	75-125	0			
2-Butanone	18.03	5.0	20	0	90.2	55-150	0			
2-Hexanone	16.16	5.0	20	0	80.8	60-135	0			
4-Methyl-2-pentanone	21.75	1.0	20	0	109	77-178	0			
Acetone	23.09	10	20	0	115	60-160	0			
Benzene	18.7	1.0	20	0	93.5	70-130	0			
Bromodichloromethane	19.22	1.0	20	0	96.1	75-125	0			
Bromoform	18.12	1.0	20	0	90.6	60-125	0			
Bromomethane	21.59	1.0	20	0	108	30-185	0			
Carbon disulfide	19.15	1.0	20	0	95.8	60-165	0			
Carbon tetrachloride	17.9	1.0	20	0	89.5	65-140	0			
Chlorobenzene	18.75	1.0	20	0	93.8	80-120	0			
Chloroethane	18.74	1.0	20	0	93.7	31-172	0			
Chloroform	19.49	1.0	20	0	97.4	66-135	0			
Chloromethane	17.95	1.0	20	0	89.8	46-148	0			
cis-1,2-Dichloroethene	20.88	1.0	20	0	104	75-134	0			
cis-1,3-Dichloropropene	20.74	1.0	20	0	104	70-130	0			
Dibromochloromethane	17.4	1.0	20	0	87	60-115	0			
Ethylbenzene	19.78	1.0	20	0	98.9	76-123	0			
m,p-Xylene	39.77	2.0	40	0	99.4	75-130	0			
Methylene chloride	20.56	5.0	20	0	103	72-125	0			
o-Xylene	20.39	1.0	20	0	102	76-127	0			
Styrene	20.56	1.0	20	0	103	83-137	0			
Tetrachloroethene	18.7	1.0	20	0	93.5	68-166	0			
Toluene	19.62	1.0	20	0	98.1	76-125	0			
trans-1,2-Dichloroethene	21.43	1.0	20	0	107	80-140	0			
trans-1,3-Dichloropropene	16.76	1.0	20	0	83.8	56-132	0			
Trichloroethene	19.14	1.0	20	0	95.7	77-125	0			
Vinyl chloride	17.84	1.0	20	0	89.2	50-136	0			
Xylenes, Total	60.16	3.0	60	0	100	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.94</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.7</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.45</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>102</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>19.16</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>95.8</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>18.65</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>93.2</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081608
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269208a** Instrument ID **VMS6** Method: **SW8260C**

MS		Sample ID: 19081366-35B MS				Units: µg/L		Analysis Date: 8/27/2019 09:41 AM		
Client ID:		Run ID: VMS6_190826B			SeqNo: 5875836		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	22.99	1.0	20	0	115	75-130	0			
1,1,2,2-Tetrachloroethane	18.83	1.0	20	0	94.2	75-130	0			
1,1,2-Trichloroethane	18.76	1.0	20	0	93.8	75-125	0			
1,1-Dichloroethane	23.7	1.0	20	0	118	68-142	0			
1,1-Dichloroethene	25.15	1.0	20	0	126	70-145	0			
1,2-Dichloroethane	19.98	1.0	20	0	99.9	78-125	0			
1,2-Dichloropropane	20.38	1.0	20	0	102	75-125	0			
2-Butanone	16.94	5.0	20	0	84.7	55-150	0			
2-Hexanone	14.21	5.0	20	0	71	60-135	0			
4-Methyl-2-pentanone	20.55	1.0	20	0	103	77-178	0			
Acetone	20.87	10	20	1.4	97.4	60-160	0			
Benzene	21.91	1.0	20	0	110	70-130	0			
Bromodichloromethane	19.76	1.0	20	0	98.8	75-125	0			
Bromoform	15.69	1.0	20	0	78.4	60-125	0			
Bromomethane	17.5	1.0	20	0	87.5	30-185	0			
Carbon disulfide	18.87	1.0	20	0	94.4	60-165	0			
Carbon tetrachloride	20.99	1.0	20	0	105	65-140	0			
Chlorobenzene	19.73	1.0	20	0	98.6	80-120	0			
Chloroethane	19.17	1.0	20	0	95.8	31-172	0			
Chloroform	19.84	1.0	20	0	99.2	66-135	0			
Chloromethane	21.13	1.0	20	0	106	46-148	0			
cis-1,2-Dichloroethene	21.57	1.0	20	0	108	75-134	0			
cis-1,3-Dichloropropene	19	1.0	20	0	95	70-130	0			
Dibromochloromethane	14.94	1.0	20	0	74.7	60-115	0			
Ethylbenzene	21.69	1.0	20	0	108	76-123	0			
m,p-Xylene	44.12	2.0	40	0	110	75-130	0			
Methylene chloride	20.98	5.0	20	0	105	72-125	0			
o-Xylene	22.17	1.0	20	0	111	76-127	0			
Styrene	20.97	1.0	20	0.7	101	83-137	0			
Tetrachloroethene	21.17	1.0	20	0	106	68-166	0			
Toluene	21.72	1.0	20	0	109	76-125	0			
trans-1,2-Dichloroethene	23.32	1.0	20	0	117	80-140	0			
trans-1,3-Dichloropropene	13.97	1.0	20	0	69.8	56-132	0			
Trichloroethene	22.09	1.0	20	0	110	77-125	0			
Vinyl chloride	21.43	1.0	20	0	107	50-136	0			
Xylenes, Total	66.29	3.0	60	0	110	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	20.28	0	20	0	101	75-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	19.99	0	20	0	100	80-110	0			
<i>Surr: Dibromofluoromethane</i>	19.61	0	20	0	98	85-115	0			
<i>Surr: Toluene-d8</i>	19.67	0	20	0	98.4	85-110	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081608
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269208a** Instrument ID **VMS6** Method: **SW8260C**

MSD		Sample ID: 19081366-35B MSD				Units: µg/L		Analysis Date: 8/27/2019 10:06 AM		
Client ID:		Run ID: VMS6_190826B			SeqNo: 5875837		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	22.39	1.0	20	0	112	75-130	22.99	2.64	30	
1,1,2,2-Tetrachloroethane	18.8	1.0	20	0	94	75-130	18.83	0.159	30	
1,1,2-Trichloroethane	18.79	1.0	20	0	94	75-125	18.76	0.16	30	
1,1-Dichloroethane	24.94	1.0	20	0	125	68-142	23.7	5.1	30	
1,1-Dichloroethene	25.22	1.0	20	0	126	70-145	25.15	0.278	30	
1,2-Dichloroethane	19.72	1.0	20	0	98.6	78-125	19.98	1.31	30	
1,2-Dichloropropane	19.87	1.0	20	0	99.4	75-125	20.38	2.53	30	
2-Butanone	16.1	5.0	20	0	80.5	55-150	16.94	5.08	30	
2-Hexanone	15.17	5.0	20	0	75.8	60-135	14.21	6.54	30	
4-Methyl-2-pentanone	22.22	1.0	20	0	111	77-178	20.55	7.81	30	
Acetone	18.18	10	20	1.4	83.9	60-160	20.87	13.8	30	
Benzene	21.07	1.0	20	0	105	70-130	21.91	3.91	30	
Bromodichloromethane	19.15	1.0	20	0	95.8	75-125	19.76	3.14	30	
Bromoform	15.94	1.0	20	0	79.7	60-125	15.69	1.58	30	
Bromomethane	19.57	1.0	20	0	97.8	30-185	17.5	11.2	30	
Carbon disulfide	19.63	1.0	20	0	98.2	60-165	18.87	3.95	30	
Carbon tetrachloride	21.72	1.0	20	0	109	65-140	20.99	3.42	30	
Chlorobenzene	19.67	1.0	20	0	98.4	80-120	19.73	0.305	30	
Chloroethane	21.03	1.0	20	0	105	31-172	19.17	9.25	30	
Chloroform	21.23	1.0	20	0	106	66-135	19.84	6.77	30	
Chloromethane	21.31	1.0	20	0	107	46-148	21.13	0.848	30	
cis-1,2-Dichloroethene	21.86	1.0	20	0	109	75-134	21.57	1.34	30	
cis-1,3-Dichloropropene	17.87	1.0	20	0	89.4	70-130	19	6.13	30	
Dibromochloromethane	16.26	1.0	20	0	81.3	60-115	14.94	8.46	30	
Ethylbenzene	21.82	1.0	20	0	109	76-123	21.69	0.598	30	
m,p-Xylene	43.76	2.0	40	0	109	75-130	44.12	0.819	30	
Methylene chloride	21.75	5.0	20	0	109	72-125	20.98	3.6	30	
o-Xylene	21.63	1.0	20	0	108	76-127	22.17	2.47	30	
Styrene	21.2	1.0	20	0.7	102	83-137	20.97	1.09	30	
Tetrachloroethene	22.72	1.0	20	0	114	68-166	21.17	7.06	30	
Toluene	22.01	1.0	20	0	110	76-125	21.72	1.33	30	
trans-1,2-Dichloroethene	23.1	1.0	20	0	116	80-140	23.32	0.948	30	
trans-1,3-Dichloropropene	14.48	1.0	20	0	72.4	56-132	13.97	3.59	30	
Trichloroethene	21.23	1.0	20	0	106	77-125	22.09	3.97	30	
Vinyl chloride	22.73	1.0	20	0	114	50-136	21.43	5.89	30	
Xylenes, Total	65.39	3.0	60	0	109	76-127	66.29	1.37	30	
Surr: 1,2-Dichloroethane-d4	19.1	0	20	0	95.5	75-120	20.28	5.99	30	
Surr: 4-Bromofluorobenzene	19.97	0	20	0	99.8	80-110	19.99	0.1	30	
Surr: Dibromofluoromethane	20.17	0	20	0	101	85-115	19.61	2.82	30	
Surr: Toluene-d8	19.34	0	20	0	96.7	85-110	19.67	1.69	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081608

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269208a**

Instrument ID **VMS6**

Method: **SW8260C**

The following samples were analyzed in this batch:

19081608-11A	19081608-12A	19081608-13A
19081608-14A	19081608-15A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Cincinnati, OH
+1 513 733 5336

Fort Collins, CO
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Everett, WA
+1 425 356 2600

Holland, MI
+1 616 399 6070

Chain of Custody Form

Houston, TX
+1 281 530 5656

Spring City, PA
+1 610 948 4903

South Charleston, WV
+1 304 356 3168

Middletown, PA
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Salt Lake City, UT
+1 801 266 7700

York, PA
+1 717 505 5280

Page 1 of 2

COC ID: 187198

ALS Project Manager: EB

ALS Work Order #: 19081608

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	<u>CO12609102</u>	Project Name	<u>Stability and Annual</u>	A	VOCs										
Work Order		Project Number	<u>3359151040</u>	B											
Company Name	<u>Wood Environment & Infrastructure Soluti</u>	Bill To Company	<u>Wood Environment & Infrastructure Sol</u>	C											
Send Report To	<u>Paul Stork</u>	Invoice Attn	<u>Accounts Payable</u>	D											
Address	<u>521 Byers Road, Suite 204</u>	Address	<u>521 Byers Road, Suite 204</u>	E											
				F											
City/State/Zip	<u>Miamisburg, OH 45342</u>	City/State/Zip	<u>Miamisburg, OH 45342</u>	G											
Phone	<u>(937) 859-3600</u>	Phone	<u>(937) 859-3600</u>	H											
Fax	<u>(937) 859-7951</u>	Fax	<u>(937) 859-7951</u>	I											
e-Mail Address	<u>Paul.Stork@woodpic.com</u>	e-Mail Address		J											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	<u>ATR-MW26(28.8)-G081919</u>	<u>8/19/19</u>	<u>1450</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										
2	<u>ATR-MW26(58.2)-G081919</u>	<u>8/19/19</u>	<u>1405</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										
3	<u>ATR-MW26(17.5)-G081919</u>	<u>8/19/19</u>	<u>1610</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										
4	<u>ATR-EB001-081919</u>	<u>8/19/19</u>	<u>1420</u>	<u>W</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										
5	<u>ATR-MW27(18)-G081919</u>	<u>8/19/19</u>	<u>1600</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										
6	<u>ATR-MW27(18)-G081919R</u>	<u>8/19/19</u>	<u>1600</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										
7	<u>ATR-MW14-G082019</u>	<u>8/20/19</u>	<u>0835</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										
8	<u>ATR-MW15-G082019</u>	<u>8/20/19</u>	<u>0955</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										
9	<u>ATR-MW25(82)-G082019</u>	<u>8/20/19</u>	<u>1045</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										
10	<u>ATR-MW25(32.6)-G082019</u>	<u>8/20/19</u>	<u>1215</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<input checked="" type="checkbox"/>										

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:	
				<input type="checkbox"/> Std 10 WK Days <input checked="" type="checkbox"/> 5 WK Days <input type="checkbox"/> Other _____ <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour					
Relinquished by:	Date:	Time:	Received by:	Notes:					
<u>[Signature]</u>	<u>8/21/19</u>	<u>1545</u>	<u>[Signature]</u>						
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)			
<u>[Signature]</u>	<u>8/21/19</u>	<u>1615</u>	<u>[Signature]</u>	<u>SR2</u>	<u>4.8°C</u>	<input type="checkbox"/> Level II Std QC <input type="checkbox"/> TRRP CheckList <input type="checkbox"/> Level III Std QC/Raw Data <input type="checkbox"/> TRRP Level IV <input checked="" type="checkbox"/> Level IV SW846/CLP <input type="checkbox"/> Other _____			
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):						
<u>[Signature]</u>	<u>8/22/19</u>	<u>1445</u>	<u>[Signature]</u>						
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O 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

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Salt Lake City, UT
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+1 717 505 5280

Page 2 of 2

COC ID: 187811

ALS Project Manager: ER

ALS Work Order #: 19081608

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	<u>CO12609102</u>	Project Name	<u>Stability and Annual</u>	A	VOCs										
Work Order		Project Number	<u>3359151040</u>	B											
Company Name	Wood Environment & Infrastructure Solutions Inc.	Bill To Company	Wood Environment & Infrastructure Solutions Inc.	C											
Send Report To	<u>Paul Stork</u>	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	<u>Paul.Stork@woodpe.com</u>	e-Mail Address		J											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
11	ATR-MW17 - G082019	8/20/19	1320	GW	1	3	X										
12	ATR-MW82(58) - G082019	8/20/19	1450	GW	1	3	X										
13	ATR-MW20(51) - G082019	8/20/19	1320	GW	1	3	X										
14	ATR-MW25(16.4) - G082019	8/20/19	1130	GW	1	3	X										
15	ATR-MW6C - G082119	8/21/19	1450	GW	1	3	X										
16	ATR-EB001 - 082119	8/21/19	1410	GW	1	3	X										
17	ATR-TR003 - 082119	8/21/19		GW	1	3	X										
8																	
9																	
10																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:			
				<input type="checkbox"/> Std 10 WK Days <input checked="" type="checkbox"/> 5 WK Days <input type="checkbox"/> Other _____ <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour							
Relinquished by:	<u>[Signature]</u>	Date:	<u>8/21/19</u>	Time:	<u>1545</u>	Received by:	<u>[Signature]</u>	Notes:			
Relinquished by:	<u>[Signature]</u>	Date:	<u>8/21/19</u>	Time:	<u>1615</u>	Received by (Laboratory):	<u>[Signature]</u>	Cooler ID:	Cooler Temp.:	QC Package: (Check One Box Below)	
Logged by (Laboratory):	<u>DFS</u>	Date:	<u>8/22/19</u>	Time:	<u>1445</u>	Checked by (Laboratory):	<u>[Signature]</u>	<u>S02</u>	<u>4.8°C</u>	<input type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP CheckList
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035										<input checked="" type="checkbox"/> Level III Std QC/Raw Data	<input type="checkbox"/> TRRP Level IV
										<input type="checkbox"/> Level IV SWS46/CLP	
										<input type="checkbox"/> Other _____	

Sample Receipt Checklist

Client Name: **WOOD-DAYTON**

Date/Time Received: **22-Aug-19 09:30**

Work Order: **19081608**

Received by: **DS**

Checklist completed by Diane Shaw 22-Aug-19
eSignature Date

Reviewed by: Eheland Bramworth 22-Aug-19
eSignature Date

Matrices: Groundwater, 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): 4.8/4.8 c SR2

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: 8/22/2019 3:16:26 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:



28-Aug-2019

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

Re: **TFS Rochester (3359-15-1040)**

Work Order: **19081615**

Dear Paul,

ALS Environmental received 18 samples on 22-Aug-2019 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 52.

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,

A handwritten signature in cursive script that reads "Ehrland Bosworth".

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

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RIGHT SOLUTIONS RIGHT PARTNER

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Work Order: 19081615

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
19081615-01	ATR-MW84(68)-G081919	Groundwater		8/19/2019 11:25	8/22/2019 09:30	<input type="checkbox"/>
19081615-02	ATR-MW84(44)-G081919	Groundwater		8/19/2019 12:15	8/22/2019 09:30	<input type="checkbox"/>
19081615-03	ATR-MW16-G081919	Groundwater		8/19/2019 13:10	8/22/2019 09:30	<input type="checkbox"/>
19081615-04	ATR-MW9C-G081919	Groundwater		8/19/2019 12:40	8/22/2019 09:30	<input type="checkbox"/>
19081615-05	ATR-MW9B-G081919	Groundwater		8/19/2019 11:50	8/22/2019 09:30	<input type="checkbox"/>
19081615-06	ATR-MW27(53.05)-G081919	Groundwater		8/19/2019 15:20	8/22/2019 09:30	<input type="checkbox"/>
19081615-07	ATR-MW27(75.4)-G081919	Groundwater		8/19/2019 14:45	8/22/2019 09:30	<input type="checkbox"/>
19081615-08	ATR-MW27(104.2)-G081919	Groundwater		8/19/2019 14:10	8/22/2019 09:30	<input type="checkbox"/>
19081615-09	ATR-MW20(35)-G082019	Groundwater		8/20/2019 14:25	8/22/2019 09:30	<input type="checkbox"/>
19081615-10	ATR-MW20(155)-G082019	Groundwater		8/20/2019 12:30	8/22/2019 09:30	<input type="checkbox"/>
19081615-11	ATR-MW13-G082019	Groundwater		8/20/2019 10:50	8/22/2019 09:30	<input type="checkbox"/>
19081615-12	ATR-MW11-G082019	Groundwater		8/20/2019 10:20	8/22/2019 09:30	<input type="checkbox"/>
19081615-13	ATR-MW12-G082019	Groundwater		8/20/2019 09:25	8/22/2019 09:30	<input type="checkbox"/>
19081615-14	ATR-MW20(124)-G082019	Groundwater		8/20/2019 15:20	8/22/2019 09:30	<input type="checkbox"/>
19081615-15	ATR-EB001-082019	Groundwater		8/20/2019 15:30	8/22/2019 09:30	<input type="checkbox"/>
19081615-16	ATR-MW56(51)-G082119	Groundwater		8/21/2019 13:45	8/22/2019 09:30	<input type="checkbox"/>
19081615-17	ATR-MW89(28)-G082119	Groundwater		8/21/2019 14:35	8/22/2019 09:30	<input type="checkbox"/>
19081615-18	ATR-TB001-082119	Water		8/21/2019	8/22/2019 09:30	<input type="checkbox"/>

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
WorkOrder: 19081615

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	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.

<u>Acronym</u>	<u>Description</u>
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

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter

Client: Wood Environment & Infrastructure Solutions, Inc
Project: TFS Rochester (3359-15-1040)
Work Order: 19081615

Case Narrative

Samples for the above noted Work Order were received on 08/22/19. 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 R269069z, Method VOC_8260_W, Sample VLCSW1-190824: The VOC LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for Bromomethane.

Batch R269265a, Method VOC_8260_W, Sample 19081615-03A: The VOC Continuing Calibration Verification did not meet acceptance criteria for the following analytes; results are to be considered estimated for Vinyl Chloride, Bromomethane, and Carbon Disulfide.

No other deviations or anomalies were noted.

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW84(68)-G081919

Lab ID: 19081615-01

Collection Date: 8/19/2019 11:25 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 03:23 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 03:23 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Acetone	ND		10	µg/L	1	8/24/2019 03:23 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 03:23 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 03:23 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 03:23 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 03:23 PM
Surr: 1,2-Dichloroethane-d4	95.8		75-120	%REC	1	8/24/2019 03:23 PM
Surr: 4-Bromofluorobenzene	98.9		80-110	%REC	1	8/24/2019 03:23 PM
Surr: Dibromofluoromethane	97.4		85-115	%REC	1	8/24/2019 03:23 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW84(68)-G081919

Lab ID: 19081615-01

Collection Date: 8/19/2019 11:25 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	101		85-110	%REC	1	8/24/2019 03:23 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: 19081615

Sample ID: ATR-MW84(44)-G081919

Lab ID: 19081615-02

Collection Date: 8/19/2019 12:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 03:40 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 03:40 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Acetone	ND		10	µg/L	1	8/24/2019 03:40 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 03:40 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 03:40 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Trichloroethene	2.6		1.0	µg/L	1	8/24/2019 03:40 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 03:40 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 03:40 PM
Surr: 1,2-Dichloroethane-d4	98.5		75-120	%REC	1	8/24/2019 03:40 PM
Surr: 4-Bromofluorobenzene	95.7		80-110	%REC	1	8/24/2019 03:40 PM
Surr: Dibromofluoromethane	98.0		85-115	%REC	1	8/24/2019 03:40 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081615**Sample ID:** ATR-MW84(44)-G081919**Lab ID:** 19081615-02**Collection Date:** 8/19/2019 12:15 PM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.0		85-110	%REC	1	8/24/2019 03:40 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: 19081615

Sample ID: ATR-MW16-G081919

Lab ID: 19081615-03

Collection Date: 8/19/2019 01:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
2-Butanone	ND		5.0	µg/L	1	8/26/2019 10:29 PM
2-Hexanone	ND		5.0	µg/L	1	8/26/2019 10:29 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Acetone	ND		10	µg/L	1	8/26/2019 10:29 PM
Benzene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Bromoform	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Bromomethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Carbon disulfide	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Chlorobenzene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Chloroethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Chloroform	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Chloromethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Ethylbenzene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
m,p-Xylene	ND		2.0	µg/L	1	8/26/2019 10:29 PM
Methylene chloride	ND		5.0	µg/L	1	8/26/2019 10:29 PM
o-Xylene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Styrene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Toluene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Trichloroethene	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Vinyl chloride	ND		1.0	µg/L	1	8/26/2019 10:29 PM
Xylenes, Total	ND		3.0	µg/L	1	8/26/2019 10:29 PM
Surr: 1,2-Dichloroethane-d4	92.8		75-120	%REC	1	8/26/2019 10:29 PM
Surr: 4-Bromofluorobenzene	96.6		80-110	%REC	1	8/26/2019 10:29 PM
Surr: Dibromofluoromethane	93.5		85-115	%REC	1	8/26/2019 10:29 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081615**Sample ID:** ATR-MW16-G081919**Lab ID:** 19081615-03**Collection Date:** 8/19/2019 01:10 PM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	94.9		85-110	%REC	1	8/26/2019 10:29 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: 19081615

Sample ID: ATR-MW9C-G081919

Lab ID: 19081615-04

Collection Date: 8/19/2019 12:40 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 04:14 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 04:14 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Acetone	ND		10	µg/L	1	8/24/2019 04:14 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 04:14 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 04:14 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 04:14 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 04:14 PM
Surr: 1,2-Dichloroethane-d4	98.0		75-120	%REC	1	8/24/2019 04:14 PM
Surr: 4-Bromofluorobenzene	96.4		80-110	%REC	1	8/24/2019 04:14 PM
Surr: Dibromofluoromethane	99.5		85-115	%REC	1	8/24/2019 04:14 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW9C-G081919

Lab ID: 19081615-04

Collection Date: 8/19/2019 12:40 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.5		85-110	%REC	1	8/24/2019 04:14 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)
Sample ID: ATR-MW9B-G081919
Collection Date: 8/19/2019 11:50 AM

Work Order: 19081615
Lab ID: 19081615-05
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 04:31 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 04:31 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Acetone	ND		10	µg/L	1	8/24/2019 04:31 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 04:31 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 04:31 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 04:31 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 04:31 PM
Surr: 1,2-Dichloroethane-d4	98.0		75-120	%REC	1	8/24/2019 04:31 PM
Surr: 4-Bromofluorobenzene	100		80-110	%REC	1	8/24/2019 04:31 PM
Surr: Dibromofluoromethane	97.4		85-115	%REC	1	8/24/2019 04:31 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081615**Sample ID:** ATR-MW9B-G081919**Lab ID:** 19081615-05**Collection Date:** 8/19/2019 11:50 AM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.7		85-110	%REC	1	8/24/2019 04:31 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: 19081615

Sample ID: ATR-MW27(53.05)-G081919

Lab ID: 19081615-06

Collection Date: 8/19/2019 03:20 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 04:48 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 04:48 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Acetone	ND		10	µg/L	1	8/24/2019 04:48 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 04:48 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 04:48 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Trichloroethene	3.9		1.0	µg/L	1	8/24/2019 04:48 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 04:48 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 04:48 PM
Surr: 1,2-Dichloroethane-d4	96.2		75-120	%REC	1	8/24/2019 04:48 PM
Surr: 4-Bromofluorobenzene	98.7		80-110	%REC	1	8/24/2019 04:48 PM
Surr: Dibromofluoromethane	95.0		85-115	%REC	1	8/24/2019 04:48 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW27(53.05)-G081919

Lab ID: 19081615-06

Collection Date: 8/19/2019 03:20 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.0		85-110	%REC	1	8/24/2019 04:48 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: 19081615

Sample ID: ATR-MW27(75.4)-G081919

Lab ID: 19081615-07

Collection Date: 8/19/2019 02:45 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 05:05 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 05:05 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Acetone	ND		10	µg/L	1	8/24/2019 05:05 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Chloroethane	1.1		1.0	µg/L	1	8/24/2019 05:05 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
cis-1,2-Dichloroethene	2.9		1.0	µg/L	1	8/24/2019 05:05 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 05:05 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 05:05 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Trichloroethene	7.8		1.0	µg/L	1	8/24/2019 05:05 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 05:05 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 05:05 PM
Surr: 1,2-Dichloroethane-d4	96.8		75-120	%REC	1	8/24/2019 05:05 PM
Surr: 4-Bromofluorobenzene	97.4		80-110	%REC	1	8/24/2019 05:05 PM
Surr: Dibromofluoromethane	96.2		85-115	%REC	1	8/24/2019 05:05 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW27(75.4)-G081919

Lab ID: 19081615-07

Collection Date: 8/19/2019 02:45 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.6		85-110	%REC	1	8/24/2019 05:05 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)
Sample ID: ATR-MW27(104.2)-G081919
Collection Date: 8/19/2019 02:10 PM

Work Order: 19081615
Lab ID: 19081615-08
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 05:22 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 05:22 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Acetone	ND		10	µg/L	1	8/24/2019 05:22 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 05:22 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 05:22 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 05:22 PM
Vinyl chloride	2.0		1.0	µg/L	1	8/24/2019 05:22 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 05:22 PM
Surr: 1,2-Dichloroethane-d4	99.2		75-120	%REC	1	8/24/2019 05:22 PM
Surr: 4-Bromofluorobenzene	99.6		80-110	%REC	1	8/24/2019 05:22 PM
Surr: Dibromofluoromethane	96.8		85-115	%REC	1	8/24/2019 05:22 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW27(104.2)-G081919

Lab ID: 19081615-08

Collection Date: 8/19/2019 02:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.5		85-110	%REC	1	8/24/2019 05:22 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: 19081615

Sample ID: ATR-MW20(35)-G082019

Lab ID: 19081615-09

Collection Date: 8/20/2019 02:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 05:39 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 05:39 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Acetone	ND		10	µg/L	1	8/24/2019 05:39 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 05:39 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 05:39 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 05:39 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 05:39 PM
Surr: 1,2-Dichloroethane-d4	101		75-120	%REC	1	8/24/2019 05:39 PM
Surr: 4-Bromofluorobenzene	98.3		80-110	%REC	1	8/24/2019 05:39 PM
Surr: Dibromofluoromethane	101		85-115	%REC	1	8/24/2019 05:39 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW20(35)-G082019

Lab ID: 19081615-09

Collection Date: 8/20/2019 02:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	99.0		85-110	%REC	1	8/24/2019 05:39 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)
Sample ID: ATR-MW20(155)-G082019
Collection Date: 8/20/2019 12:30 PM

Work Order: 19081615
Lab ID: 19081615-10
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 05:57 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 05:57 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Acetone	ND		10	µg/L	1	8/24/2019 05:57 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 05:57 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 05:57 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 05:57 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 05:57 PM
Surr: 1,2-Dichloroethane-d4	98.6		75-120	%REC	1	8/24/2019 05:57 PM
Surr: 4-Bromofluorobenzene	98.8		80-110	%REC	1	8/24/2019 05:57 PM
Surr: Dibromofluoromethane	99.0		85-115	%REC	1	8/24/2019 05:57 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW20(155)-G082019

Lab ID: 19081615-10

Collection Date: 8/20/2019 12:30 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.7		85-110	%REC	1	8/24/2019 05:57 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: 19081615

Sample ID: ATR-MW13-G082019

Lab ID: 19081615-11

Collection Date: 8/20/2019 10:50 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 06:14 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 06:14 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Acetone	ND		10	µg/L	1	8/24/2019 06:14 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 06:14 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 06:14 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 06:14 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 06:14 PM
Surr: 1,2-Dichloroethane-d4	100		75-120	%REC	1	8/24/2019 06:14 PM
Surr: 4-Bromofluorobenzene	96.8		80-110	%REC	1	8/24/2019 06:14 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	8/24/2019 06:14 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW13-G082019

Lab ID: 19081615-11

Collection Date: 8/20/2019 10:50 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.3		85-110	%REC	1	8/24/2019 06:14 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: 19081615

Sample ID: ATR-MW11-G082019

Lab ID: 19081615-12

Collection Date: 8/20/2019 10:20 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 06:31 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 06:31 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Acetone	ND		10	µg/L	1	8/24/2019 06:31 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 06:31 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 06:31 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Trichloroethene	1.6		1.0	µg/L	1	8/24/2019 06:31 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 06:31 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 06:31 PM
Surr: 1,2-Dichloroethane-d4	96.4		75-120	%REC	1	8/24/2019 06:31 PM
Surr: 4-Bromofluorobenzene	98.0		80-110	%REC	1	8/24/2019 06:31 PM
Surr: Dibromofluoromethane	97.6		85-115	%REC	1	8/24/2019 06:31 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW11-G082019

Lab ID: 19081615-12

Collection Date: 8/20/2019 10:20 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.8		85-110	%REC	1	8/24/2019 06:31 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: 19081615

Sample ID: ATR-MW12-G082019

Lab ID: 19081615-13

Collection Date: 8/20/2019 09:25 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 06:48 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 06:48 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Acetone	ND		10	µg/L	1	8/24/2019 06:48 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 06:48 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 06:48 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 06:48 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 06:48 PM
Surr: 1,2-Dichloroethane-d4	98.2		75-120	%REC	1	8/24/2019 06:48 PM
Surr: 4-Bromofluorobenzene	98.6		80-110	%REC	1	8/24/2019 06:48 PM
Surr: Dibromofluoromethane	102		85-115	%REC	1	8/24/2019 06:48 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW12-G082019

Lab ID: 19081615-13

Collection Date: 8/20/2019 09:25 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.5		85-110	%REC	1	8/24/2019 06:48 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: 19081615

Sample ID: ATR-MW20(124)-G082019

Lab ID: 19081615-14

Collection Date: 8/20/2019 03:20 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 07:05 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 07:05 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Acetone	ND		10	µg/L	1	8/24/2019 07:05 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 07:05 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 07:05 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 07:05 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 07:05 PM
Surr: 1,2-Dichloroethane-d4	98.4		75-120	%REC	1	8/24/2019 07:05 PM
Surr: 4-Bromofluorobenzene	97.6		80-110	%REC	1	8/24/2019 07:05 PM
Surr: Dibromofluoromethane	99.8		85-115	%REC	1	8/24/2019 07:05 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW20(124)-G082019

Lab ID: 19081615-14

Collection Date: 8/20/2019 03:20 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	98.2		85-110	%REC	1	8/24/2019 07:05 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Sample ID: ATR-EB001-082019
Collection Date: 8/20/2019 03:30 PM

Work Order: 19081615
Lab ID: 19081615-15
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 07:22 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 07:22 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Acetone	ND		10	µg/L	1	8/24/2019 07:22 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 07:22 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 07:22 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 07:22 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 07:22 PM
Surr: 1,2-Dichloroethane-d4	97.6		75-120	%REC	1	8/24/2019 07:22 PM
Surr: 4-Bromofluorobenzene	97.2		80-110	%REC	1	8/24/2019 07:22 PM
Surr: Dibromofluoromethane	97.8		85-115	%REC	1	8/24/2019 07:22 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-EB001-082019

Lab ID: 19081615-15

Collection Date: 8/20/2019 03:30 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.8		85-110	%REC	1	8/24/2019 07:22 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)
Sample ID: ATR-MW56(51)-G082119
Collection Date: 8/21/2019 01:45 PM

Work Order: 19081615
Lab ID: 19081615-16
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 07:39 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 07:39 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Acetone	ND		10	µg/L	1	8/24/2019 07:39 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
cis-1,2-Dichloroethene	1.7		1.0	µg/L	1	8/24/2019 07:39 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 07:39 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 07:39 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 07:39 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 07:39 PM
Surr: 1,2-Dichloroethane-d4	96.8		75-120	%REC	1	8/24/2019 07:39 PM
Surr: 4-Bromofluorobenzene	97.6		80-110	%REC	1	8/24/2019 07:39 PM
Surr: Dibromofluoromethane	97.8		85-115	%REC	1	8/24/2019 07:39 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081615

Sample ID: ATR-MW56(51)-G082119

Lab ID: 19081615-16

Collection Date: 8/21/2019 01:45 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	96.4		85-110	%REC	1	8/24/2019 07:39 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)
Sample ID: ATR-MW89(28)-G082119
Collection Date: 8/21/2019 02:35 PM

Work Order: 19081615
Lab ID: 19081615-17
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 07:57 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 07:57 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Acetone	ND		10	µg/L	1	8/24/2019 07:57 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
cis-1,2-Dichloroethene	3.6		1.0	µg/L	1	8/24/2019 07:57 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 07:57 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 07:57 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 07:57 PM
Vinyl chloride	35		1.0	µg/L	1	8/24/2019 07:57 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 07:57 PM
Surr: 1,2-Dichloroethane-d4	100		75-120	%REC	1	8/24/2019 07:57 PM
Surr: 4-Bromofluorobenzene	98.4		80-110	%REC	1	8/24/2019 07:57 PM
Surr: Dibromofluoromethane	98.6		85-115	%REC	1	8/24/2019 07:57 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081615**Sample ID:** ATR-MW89(28)-G082119**Lab ID:** 19081615-17**Collection Date:** 8/21/2019 02:35 PM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.7		85-110	%REC	1	8/24/2019 07:57 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)
Sample ID: ATR-TB001-082119
Collection Date: 8/21/2019

Work Order: 19081615
Lab ID: 19081615-18
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: AK	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
2-Butanone	ND		5.0	µg/L	1	8/24/2019 03:05 PM
2-Hexanone	ND		5.0	µg/L	1	8/24/2019 03:05 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Acetone	ND		10	µg/L	1	8/24/2019 03:05 PM
Benzene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Bromoform	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Bromomethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Carbon disulfide	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Chlorobenzene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Chloroethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Chloroform	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Chloromethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Ethylbenzene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
m,p-Xylene	ND		2.0	µg/L	1	8/24/2019 03:05 PM
Methylene chloride	ND		5.0	µg/L	1	8/24/2019 03:05 PM
o-Xylene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Styrene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Toluene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Trichloroethene	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Vinyl chloride	ND		1.0	µg/L	1	8/24/2019 03:05 PM
Xylenes, Total	ND		3.0	µg/L	1	8/24/2019 03:05 PM
Surr: 1,2-Dichloroethane-d4	99.6		75-120	%REC	1	8/24/2019 03:05 PM
Surr: 4-Bromofluorobenzene	96.0		80-110	%REC	1	8/24/2019 03:05 PM
Surr: Dibromofluoromethane	97.2		85-115	%REC	1	8/24/2019 03:05 PM

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

ALS Group, USA

Date: 28-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081615**Sample ID:** ATR-TB001-082119**Lab ID:** 19081615-18**Collection Date:** 8/21/2019**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	97.2		85-110	%REC	1	8/24/2019 03:05 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081615
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269069z** Instrument ID **VMS10** Method: **SW8260C**

MBLK		Sample ID: VBK2-190824-R269069z			Units: µg/L		Analysis Date: 8/24/2019 02:31 PM			
Client ID:		Run ID: VMS10_190824A			SeqNo: 5870838		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.45</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>97.2</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.95</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.8</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>19.68</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.4</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.85</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.2</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081615
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269069z** Instrument ID **VMS10** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190824-R269069z				Units: µg/L		Analysis Date: 8/24/2019 01:40 PM		
Client ID:		Run ID: VMS10_190824A		SeqNo: 5870837		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	21.93	1.0	20	0	110	75-130	0			
1,1,2,2-Tetrachloroethane	18.41	1.0	20	0	92	75-130	0			
1,1,2-Trichloroethane	19.53	1.0	20	0	97.6	75-125	0			
1,1-Dichloroethane	20.49	1.0	20	0	102	68-142	0			
1,1-Dichloroethene	20.79	1.0	20	0	104	70-145	0			
1,2-Dichloroethane	19.16	1.0	20	0	95.8	78-125	0			
1,2-Dichloropropane	19.28	1.0	20	0	96.4	75-125	0			
2-Butanone	16.22	5.0	20	0	81.1	55-150	0			
2-Hexanone	15.79	5.0	20	0	79	60-135	0			
4-Methyl-2-pentanone	22.45	1.0	20	0	112	77-178	0			
Acetone	22.3	10	20	0	112	60-160	0			
Benzene	20	1.0	20	0	100	85-125	0			
Bromodichloromethane	22.22	1.0	20	0	111	75-125	0			
Bromoform	20.34	1.0	20	0	102	60-125	0			
Bromomethane	56.33	1.0	20	0	282	30-185	0			S
Carbon disulfide	22.65	1.0	20	0	113	60-165	0			
Carbon tetrachloride	20.99	1.0	20	0	105	65-140	0			
Chlorobenzene	18.27	1.0	20	0	91.4	80-120	0			
Chloroethane	18.56	1.0	20	0	92.8	31-172	0			
Chloroform	18.89	1.0	20	0	94.4	80-130	0			
Chloromethane	14.21	1.0	20	0	71	46-148	0			
cis-1,2-Dichloroethene	19.7	1.0	20	0	98.5	75-134	0			
cis-1,3-Dichloropropene	20.02	1.0	20	0	100	70-130	0			
Dibromochloromethane	19.22	1.0	20	0	96.1	60-115	0			
Ethylbenzene	18.97	1.0	20	0	94.8	76-123	0			
m,p-Xylene	37.79	2.0	40	0	94.5	75-130	0			
Methylene chloride	17.46	5.0	20	0	87.3	72-125	0			
o-Xylene	19.23	1.0	20	0	96.2	76-127	0			
Styrene	20.04	1.0	20	0	100	83-137	0			
Tetrachloroethene	20.22	1.0	20	0	101	68-166	0			
Toluene	18.34	1.0	20	0	91.7	76-125	0			
trans-1,2-Dichloroethene	21.28	1.0	20	0	106	80-140	0			
trans-1,3-Dichloropropene	20.13	1.0	20	0	101	56-132	0			
Trichloroethene	19.66	1.0	20	0	98.3	77-125	0			
Vinyl chloride	19.42	1.0	20	0	97.1	50-136	0			
Xylenes, Total	57.02	3.0	60	0	95	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>19.3</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96.5</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.75</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.8</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.65</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>103</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.65</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.2</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081615
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269069z** Instrument ID **VMS10** Method: **SW8260C**

MS		Sample ID: 19081615-01A MS				Units: µg/L		Analysis Date: 8/24/2019 08:48 PM		
Client ID: ATR-MW84(68)-G081919		Run ID: VMS10_190824A		SeqNo: 5870857		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	23.9	1.0	20	0	120	75-130	0			
1,1,2,2-Tetrachloroethane	18.5	1.0	20	0	92.5	75-130	0			
1,1,2-Trichloroethane	20.24	1.0	20	0	101	75-125	0			
1,1-Dichloroethane	21.52	1.0	20	0	108	68-142	0			
1,1-Dichloroethene	24.54	1.0	20	0	123	70-145	0			
1,2-Dichloroethane	19.72	1.0	20	0	98.6	78-125	0			
1,2-Dichloropropane	19.72	1.0	20	0	98.6	75-125	0			
2-Butanone	15.73	5.0	20	0	78.6	55-150	0			
2-Hexanone	16.56	5.0	20	0	82.8	60-135	0			
4-Methyl-2-pentanone	23.05	1.0	20	0	115	77-178	0			
Acetone	20.77	10	20	3.29	87.4	60-160	0			
Benzene	21.27	1.0	20	0	106	85-125	0			
Bromodichloromethane	22.07	1.0	20	0	110	75-125	0			
Bromoform	19.31	1.0	20	0	96.6	60-125	0			
Bromomethane	27.81	1.0	20	0	139	30-185	0			
Carbon disulfide	23.83	1.0	20	0	119	60-165	0			
Carbon tetrachloride	21.9	1.0	20	0	110	65-140	0			
Chlorobenzene	18.58	1.0	20	0	92.9	80-120	0			
Chloroethane	19.8	1.0	20	0	99	31-172	0			
Chloroform	19.96	1.0	20	0	99.8	80-130	0			
Chloromethane	15.82	1.0	20	0	79.1	46-148	0			
cis-1,2-Dichloroethene	19.88	1.0	20	0	99.4	75-134	0			
cis-1,3-Dichloropropene	19.67	1.0	20	0	98.4	70-130	0			
Dibromochloromethane	18.54	1.0	20	0	92.7	60-115	0			
Ethylbenzene	19.89	1.0	20	0	99.4	76-123	0			
m,p-Xylene	38.87	2.0	40	0	97.2	75-130	0			
Methylene chloride	18.41	5.0	20	0	92	72-125	0			
o-Xylene	19.89	1.0	20	0	99.4	76-127	0			
Styrene	20.8	1.0	20	0	104	83-137	0			
Tetrachloroethene	21.15	1.0	20	0	106	68-166	0			
Toluene	19.09	1.0	20	0	95.4	76-125	0			
trans-1,2-Dichloroethene	22.16	1.0	20	0	111	80-140	0			
trans-1,3-Dichloropropene	18.68	1.0	20	0	93.4	56-132	0			
Trichloroethene	20.9	1.0	20	0	104	77-125	0			
Vinyl chloride	24.16	1.0	20	0	121	50-136	0			
Xylenes, Total	58.76	3.0	60	0	97.9	76-127	0			
Surr: 1,2-Dichloroethane-d4	19.53	0	20	0	97.6	75-120	0			
Surr: 4-Bromofluorobenzene	20.51	0	20	0	103	80-110	0			
Surr: Dibromofluoromethane	20.29	0	20	0	101	85-115	0			
Surr: Toluene-d8	19.56	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: 19081615
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269069z** Instrument ID **VMS10** Method: **SW8260C**

MSD		Sample ID: 19081615-01A MSD				Units: µg/L		Analysis Date: 8/24/2019 09:05 PM		
Client ID: ATR-MW84(68)-G081919		Run ID: VMS10_190824A		SeqNo: 5870858		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	24.04	1.0	20	0	120	75-130	23.9	0.584	30	
1,1,2,2-Tetrachloroethane	18.69	1.0	20	0	93.4	75-130	18.5	1.02	30	
1,1,2-Trichloroethane	19.84	1.0	20	0	99.2	75-125	20.24	2	30	
1,1-Dichloroethane	21.49	1.0	20	0	107	68-142	21.52	0.14	30	
1,1-Dichloroethene	23.76	1.0	20	0	119	70-145	24.54	3.23	30	
1,2-Dichloroethane	19.64	1.0	20	0	98.2	78-125	19.72	0.407	30	
1,2-Dichloropropane	20.48	1.0	20	0	102	75-125	19.72	3.78	30	
2-Butanone	17.29	5.0	20	0	86.4	55-150	15.73	9.45	30	
2-Hexanone	16.87	5.0	20	0	84.4	60-135	16.56	1.85	30	
4-Methyl-2-pentanone	23.08	1.0	20	0	115	77-178	23.05	0.13	30	
Acetone	20.35	10	20	3.29	85.3	60-160	20.77	2.04	30	
Benzene	21.67	1.0	20	0	108	85-125	21.27	1.86	30	
Bromodichloromethane	23.2	1.0	20	0	116	75-125	22.07	4.99	30	
Bromoform	19.37	1.0	20	0	96.8	60-125	19.31	0.31	30	
Bromomethane	28.31	1.0	20	0	142	30-185	27.81	1.78	30	
Carbon disulfide	24.42	1.0	20	0	122	60-165	23.83	2.45	30	
Carbon tetrachloride	22.86	1.0	20	0	114	65-140	21.9	4.29	30	
Chlorobenzene	18.43	1.0	20	0	92.2	80-120	18.58	0.811	30	
Chloroethane	22.31	1.0	20	0	112	31-172	19.8	11.9	30	
Chloroform	19.56	1.0	20	0	97.8	80-130	19.96	2.02	30	
Chloromethane	16.68	1.0	20	0	83.4	46-148	15.82	5.29	30	
cis-1,2-Dichloroethene	19.24	1.0	20	0	96.2	75-134	19.88	3.27	30	
cis-1,3-Dichloropropene	20.16	1.0	20	0	101	70-130	19.67	2.46	30	
Dibromochloromethane	18.43	1.0	20	0	92.2	60-115	18.54	0.595	30	
Ethylbenzene	19.09	1.0	20	0	95.4	76-123	19.89	4.1	30	
m,p-Xylene	37.94	2.0	40	0	94.8	75-130	38.87	2.42	30	
Methylene chloride	17.86	5.0	20	0	89.3	72-125	18.41	3.03	30	
o-Xylene	19.07	1.0	20	0	95.4	76-127	19.89	4.21	30	
Styrene	20.09	1.0	20	0	100	83-137	20.8	3.47	30	
Tetrachloroethene	20.99	1.0	20	0	105	68-166	21.15	0.759	30	
Toluene	18.87	1.0	20	0	94.4	76-125	19.09	1.16	30	
trans-1,2-Dichloroethene	22.38	1.0	20	0	112	80-140	22.16	0.988	30	
trans-1,3-Dichloropropene	18.73	1.0	20	0	93.6	56-132	18.68	0.267	30	
Trichloroethene	21.59	1.0	20	0	108	77-125	20.9	3.25	30	
Vinyl chloride	23.69	1.0	20	0	118	50-136	24.16	1.96	30	
Xylenes, Total	57.01	3.0	60	0	95	76-127	58.76	3.02	30	
Surr: 1,2-Dichloroethane-d4	20.45	0	20	0	102	75-120	19.53	4.6	30	
Surr: 4-Bromofluorobenzene	19.58	0	20	0	97.9	80-110	20.51	4.64	30	
Surr: Dibromofluoromethane	21.29	0	20	0	106	85-115	20.29	4.81	30	
Surr: Toluene-d8	19.77	0	20	0	98.8	85-110	19.56	1.07	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081615

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269069z**

Instrument ID **VMS10**

Method: **SW8260C**

The following samples were analyzed in this batch:

19081615-01A	19081615-02A	19081615-03A
19081615-04A	19081615-05A	19081615-06A
19081615-07A	19081615-08A	19081615-09A
19081615-10A	19081615-11A	19081615-12A
19081615-13A	19081615-14A	19081615-15A
19081615-16A	19081615-17A	19081615-18A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081615
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269265a** Instrument ID **VMS10** Method: **SW8260C**

MBLK		Sample ID: VBLKW2-190826-R269265a				Units: µg/L		Analysis Date: 8/26/2019 09:21 PM		
Client ID:		Run ID: VMS10_190826B		SeqNo: 5875885		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>18.07</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>90.4</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>18.88</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94.4</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>18.97</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94.8</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>19.05</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>95.2</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081615
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269265a** Instrument ID **VMS10** Method: **SW8260C**

LCS		Sample ID: VLCSW2-190826-R269265a				Units: µg/L		Analysis Date: 8/26/2019 08:29 PM		
Client ID:		Run ID: VMS10_190826B		SeqNo: 5875884		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	22.04	1.0	20	0	110	75-130	0			
1,1,2,2-Tetrachloroethane	17.67	1.0	20	0	88.4	75-130	0			
1,1,2-Trichloroethane	19.23	1.0	20	0	96.2	75-125	0			
1,1-Dichloroethane	19.14	1.0	20	0	95.7	68-142	0			
1,1-Dichloroethene	19.34	1.0	20	0	96.7	70-145	0			
1,2-Dichloroethane	18.77	1.0	20	0	93.8	78-125	0			
1,2-Dichloropropane	18.68	1.0	20	0	93.4	75-125	0			
2-Butanone	16.59	5.0	20	0	83	55-150	0			
2-Hexanone	16.22	5.0	20	0	81.1	60-135	0			
4-Methyl-2-pentanone	22.03	1.0	20	0	110	77-178	0			
Acetone	23.25	10	20	0	116	60-160	0			
Benzene	19.39	1.0	20	0	97	70-130	0			
Bromodichloromethane	20.94	1.0	20	0	105	75-125	0			
Bromoform	18.74	1.0	20	0	93.7	60-125	0			
Bromomethane	34.51	1.0	20	0	173	30-185	0			
Carbon disulfide	18.74	1.0	20	0	93.7	60-165	0			
Carbon tetrachloride	20.31	1.0	20	0	102	65-140	0			
Chlorobenzene	17.81	1.0	20	0	89	80-120	0			
Chloroethane	17.74	1.0	20	0	88.7	31-172	0			
Chloroform	18.24	1.0	20	0	91.2	66-135	0			
Chloromethane	14.77	1.0	20	0	73.8	46-148	0			
cis-1,2-Dichloroethene	18	1.0	20	0	90	75-134	0			
cis-1,3-Dichloropropene	19.46	1.0	20	0	97.3	70-130	0			
Dibromochloromethane	17.45	1.0	20	0	87.2	60-115	0			
Ethylbenzene	18.19	1.0	20	0	91	76-123	0			
m,p-Xylene	36.18	2.0	40	0	90.4	75-130	0			
Methylene chloride	16.17	5.0	20	0	80.8	72-125	0			
o-Xylene	18.6	1.0	20	0	93	76-127	0			
Styrene	19.15	1.0	20	0	95.8	83-137	0			
Tetrachloroethene	20.45	1.0	20	0	102	68-166	0			
Toluene	17.6	1.0	20	0	88	76-125	0			
trans-1,2-Dichloroethene	19.88	1.0	20	0	99.4	80-140	0			
trans-1,3-Dichloropropene	18.52	1.0	20	0	92.6	56-132	0			
Trichloroethene	20.94	1.0	20	0	105	77-125	0			
Vinyl chloride	18.07	1.0	20	0	90.4	50-136	0			
Xylenes, Total	54.78	3.0	60	0	91.3	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	18.57	0	20	0	92.8	75-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	19.45	0	20	0	97.2	80-110	0			
<i>Surr: Dibromofluoromethane</i>	20.53	0	20	0	103	85-115	0			
<i>Surr: Toluene-d8</i>	19.07	0	20	0	95.4	85-110	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081615
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269265a** Instrument ID **VMS10** Method: **SW8260C**

MS		Sample ID: 19081198-02D MS				Units: µg/L		Analysis Date: 8/27/2019 03:57 AM		
Client ID:		Run ID: VMS10_190826B		SeqNo: 5875893		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	47.73	1.0	40	0	119	75-130	0			
1,1,2,2-Tetrachloroethane	34.28	1.0	40	0	85.7	75-130	0			
1,1,2-Trichloroethane	39.03	1.0	40	0	97.6	75-125	0			
1,1-Dichloroethane	41.57	1.0	40	0	104	68-142	0			
1,1-Dichloroethene	45.25	1.0	40	0	113	70-145	0			
1,2-Dichloroethane	38.69	1.0	40	0	96.7	78-125	0			
1,2-Dichloropropane	38.53	1.0	40	0	96.3	75-125	0			
2-Butanone	32.8	5.0	40	0	82	55-150	0			
2-Hexanone	31.84	5.0	40	0	79.6	60-135	0			
4-Methyl-2-pentanone	43.65	1.0	40	0	109	77-178	0			
Acetone	40.33	10	40	3.38	92.4	60-160	0			
Benzene	41.86	1.0	40	0	105	70-130	0			
Bromodichloromethane	41.35	1.0	40	0	103	75-125	0			
Bromoform	32.69	1.0	40	0	81.7	60-125	0			
Bromomethane	118.6	1.0	40	0	297	30-185	0			SE
Carbon disulfide	40.59	1.0	40	0	101	60-165	0			
Carbon tetrachloride	43.05	1.0	40	0	108	65-140	0			
Chlorobenzene	37.09	1.0	40	0	92.7	80-120	0			
Chloroethane	45.42	1.0	40	0	114	31-172	0			
Chloroform	38.8	1.0	40	0	97	66-135	0			
Chloromethane	30.03	1.0	40	0	75.1	46-148	0			
cis-1,2-Dichloroethene	36.97	1.0	40	0	92.4	75-134	0			
cis-1,3-Dichloropropene	38.15	1.0	40	0	95.4	70-130	0			
Dibromochloromethane	32.15	1.0	40	0	80.4	60-115	0			
Ethylbenzene	38.38	1.0	40	0	96	76-123	0			
m,p-Xylene	75.17	2.0	80	0	94	75-130	0			
Methylene chloride	34.44	5.0	40	0	86.1	72-125	0			
o-Xylene	38.6	1.0	40	0	96.5	76-127	0			
Styrene	40.68	1.0	40	0	102	83-137	0			
Tetrachloroethene	42.22	1.0	40	0	106	68-166	0			
Toluene	37.35	1.0	40	0	93.4	76-125	0			
trans-1,2-Dichloroethene	42.18	1.0	40	0	105	80-140	0			
trans-1,3-Dichloropropene	34.26	1.0	40	0	85.6	56-132	0			
Trichloroethene	44.57	1.0	40	0	111	77-125	0			
Vinyl chloride	44.15	1.0	40	0	110	50-136	0			
Xylenes, Total	113.8	3.0	120	0	94.8	76-127	0			
Surr: 1,2-Dichloroethane-d4	18.7	0	20	0	93.5	75-120	0			
Surr: 4-Bromofluorobenzene	19.91	0	20	0	99.6	80-110	0			
Surr: Dibromofluoromethane	19.94	0	20	0	99.7	85-115	0			
Surr: Toluene-d8	18.87	0	20	0	94.4	85-110	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081615
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269265a** Instrument ID **VMS10** Method: **SW8260C**

DUP		Sample ID: 19081128-01A DUP				Units: µg/L		Analysis Date: 8/27/2019 03:40 AM		
Client ID:		Run ID: VMS10_190826B		SeqNo: 5875892		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	7.27	10	0	0	0		10.04	0	30	J
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-1,2-Dichloroethene	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	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	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		0	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	18.92	0	20	0	94.6	75-120	18.62	1.6	30	
Surr: 4-Bromofluorobenzene	19.58	0	20	0	97.9	80-110	19.8	1.12	30	
Surr: Dibromofluoromethane	18.46	0	20	0	92.3	85-115	18.68	1.18	30	
Surr: Toluene-d8	18.5	0	20	0	92.5	85-110	18.92	2.24	30	

The following samples were analyzed in this batch:

19081615-03A

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

Chain of Custody Form

Page 1 of 2

COC ID: 187799

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

ALS Project Manager: **EB**

ALS Work Order #: **19081615**

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order	CO12609107	Project Name		A	VOCs 8260 B										
Work Order		Project Number	3359 15 1040	B											
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C											
Send Report To	Paul Stork	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	Paul.Stork@woodapl.com	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-MW84(68)-G081919	8/19/19	1125	GW	1	3	X										
2	ATR-MW84(44)-G081919	8/19/19	1215	GW	1	3	X										
3	ATR-MW16-G081919	8/19/19	1320	GW	1	3	X										
4	ATR-MW9C-G081919	8/19/19	1240	GW	1	3	X										
5	ATR-MW9B-G081919	8/19/19	1150	GW	1	3	X										
6	ATR-MW27(53.05)-G081919	8/19/19	1520	GW	1	3	X										
7	ATR-MW27(75.4)-G081919	8/19/19	1445	GW	1	3	X										
8	ATR-MW27(104.2)-G081919	8/19/19	1410	GW	1	3	X										
9	ATR-MW20(35)-G082019	8/20/19	1425	GW	1	3	X										
10	ATR-MW20(155)-G082019	8/20/19	1230	GW	1	3	X										

Sampler(s) Please Print & Sign: _____ 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: <i>[Signature]</i>	Date: 8/21/19	Time: 1545	Received by: <i>[Signature]</i>	Notes: ATR-MW84(68)-G081919 includes samples for MSMSD
Relinquished by: <i>[Signature]</i>	Date: 8/21/19	Time: 1615	Received by (Laboratory): <i>[Signature]</i>	8/21/19 0930
Logged by (Laboratory): <i>DFS</i>	Date: 8/22/19	Time: 1500	Checked by (Laboratory): <i>EB</i>	QC Package: (Check One Box Below)
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035				<input type="checkbox"/> Level II Std QC <input type="checkbox"/> TRRP CheckList <input type="checkbox"/> Level III Std QC/Raw Data <input type="checkbox"/> TRRP Level IV <input checked="" type="checkbox"/> Level IV SW846/CLP <input type="checkbox"/> Other _____

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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+1 970 490 1511

Everett, WA
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Chain of Custody Form

Page 2 of 2

COC ID: 187809

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

ALS Project Manager: EB

ALS Work Order #: 190816LS

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	<u>CD12609107</u>	Project Name		A	VOCs <u>8260B</u>
Work Order		Project Number	<u>3359 15 1040</u>	B	
Company Name	Wood Environment & Infrastructure Solutions Inc.	Bill To Company	Wood Environment & Infrastructure Solutions Inc.	C	
Send Report To	<u>Paul Stork</u>	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	<u>Paul.Stork@woodpic.com</u>	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
11	ATR-MW13-G082019	8/20/19	1050	GW	1	3	X										
12	ATR-MW11-G082019	8/20/19	1020	GW	1	3	X										
13	ATR-MW12-G082019	8/20/19	0925	GW	1	3	X										
14	ATR-MW20(24)-G082019	8/20/19	1820	GW	1	3	X										
15	ATR-EB001-082019	8/20/19	1530	GW	1	3	X										
16	ATR-MW56(51)-G082119	8/21/19	1345	GW	1	3	X										
17	ATR-MW89(28)-G082119	8/21/19	1435	GW	1	3	X										
18	ATR-TB001-082119	8/21/19			1	1	X										
9																	
10																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:	
				<input type="checkbox"/> Std 10 WK Days <input checked="" type="checkbox"/> 5 WK Days <input type="checkbox"/> Other _____ <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour					
Relinquished by:	Date:	Time:	Received by:	Notes:					
<u>[Signature]</u>	<u>8/21/19</u>	<u>1545</u>	<u>[Signature]</u>						
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)			
<u>[Signature]</u>	<u>8/21/19</u>	<u>1615</u>	<u>[Signature]</u>	<u>SR2</u>	<u>4.8°C</u>	<input type="checkbox"/> Level II Std QC <input type="checkbox"/> TRRP CheckList <input type="checkbox"/> Level III Std QC/Raw Data <input type="checkbox"/> TRRP Level IV <input checked="" type="checkbox"/> Level IV SW846/CLP <input type="checkbox"/> Other _____			
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):						
<u>DFS</u>	<u>8/22/19</u>	<u>1500</u>	<u>EB</u>						
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O 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.
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Sample Receipt Checklist

Client Name: **WOOD-DAYTON**

Date/Time Received: **22-Aug-19 09:30**

Work Order: **19081615**

Received by: **DS**

Checklist completed by Diane Shaw 22-Aug-19
eSignature Date

Reviewed by: Eheland Beaworth 22-Aug-19
eSignature Date

Matrices: Groundwater

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):

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage:

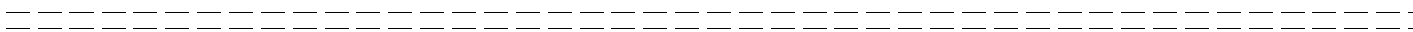
Water - VOA vials have zero headspace? Yes No No VOA vials submitted

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:



30-Aug-2019

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

Re: **TFS Rochester (3359-15-1040)**

Work Order: **19081711**

Dear Paul,

ALS Environmental received 14 samples on 23-Aug-2019 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 47.

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,

A handwritten signature in cursive script that reads "Ehrland Bosworth".

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

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RIGHT SOLUTIONS RIGHT PARTNER

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Work Order: 19081711

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
19081711-01	ATR-MW71(33)-G082219	Groundwater		8/22/2019 16:10	8/23/2019 13:30	<input type="checkbox"/>
19081711-02	ATR-MW52 (148)-G082219	Groundwater		8/22/2019 11:15	8/23/2019 13:30	<input type="checkbox"/>
19081711-03	ATR-MW52(55)-G082219	Groundwater		8/22/2019 12:10	8/23/2019 13:30	<input type="checkbox"/>
19081711-04	ATR-MW3-G082219	Groundwater		8/22/2019 13:10	8/23/2019 13:30	<input type="checkbox"/>
19081711-05	ATR-MW60 (38)-G082219	Groundwater		8/22/2019 16:05	8/23/2019 13:30	<input type="checkbox"/>
19081711-06	ATR-EB001-G082219	Groundwater		8/22/2019 13:15	8/23/2019 13:30	<input type="checkbox"/>
19081711-07	ATR-MW76 (30)-G082219	Groundwater		8/22/2019 13:00	8/23/2019 13:30	<input type="checkbox"/>
19081711-08	ATR-MW79 (30)-G082219	Groundwater		8/22/2019 11:40	8/23/2019 13:30	<input type="checkbox"/>
19081711-09	ATR-MW77 (41)-G082219	Groundwater		8/22/2019 10:30	8/23/2019 13:30	<input type="checkbox"/>
19081711-10	ATR-MW78 (35)-G082219	Groundwater		8/22/2019 09:35	8/23/2019 13:30	<input type="checkbox"/>
19081711-11	ATR-MW67 (30)-G082219	Groundwater		8/22/2019 16:10	8/23/2019 13:30	<input type="checkbox"/>
19081711-12	ATR-MW65 (32)-G082219	Groundwater		8/22/2019 15:30	8/23/2019 13:30	<input type="checkbox"/>
19081711-13	ATR-MW75 (30)-G082219	Groundwater		8/22/2019 14:45	8/23/2019 13:30	<input type="checkbox"/>
19081711-14	ATR-FB001-G082219	Water		8/22/2019 13:15	8/23/2019 13:30	<input type="checkbox"/>

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
WorkOrder: 19081711

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	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.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCS D	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

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter

Client: Wood Environment & Infrastructure Solutions, Inc
Project: TFS Rochester (3359-15-1040)
Work Order: 19081711

Case Narrative

Samples for the above noted Work Order were received on 08/23/19. 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 R269311a, Method VOC_8260_W, Sample 19081711-01A MS: The VOC MS recovery was outside of the control limit. However, the MSD recovery and the RPD between the MS and MSD was in control. No qualification is required for Chlorobenzene.

Batch R269397a, Method VOC_8260_W, Sample 19081711-05A MS: The VOC MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary for Bromomethane.

Batch R269467a, Method VOC_8260_W, Sample VLCSW1-190829: The VOC LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for Bromomethane.

No other deviations or anomalies were noted.

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester (3359-15-1040)
Sample ID: ATR-MW71(33)-G082219
Collection Date: 8/22/2019 04:10 PM

Work Order: 19081711
Lab ID: 19081711-01
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
2-Butanone	5.3		5.0	µg/L	1	8/29/2019 06:21 PM
2-Hexanone	ND		5.0	µg/L	1	8/29/2019 06:21 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Acetone	16		10	µg/L	1	8/29/2019 06:21 PM
Benzene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Bromoform	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Bromomethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Carbon disulfide	1.2		1.0	µg/L	1	8/29/2019 06:21 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Chlorobenzene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Chloroethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Chloroform	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Chloromethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
cis-1,2-Dichloroethene	2.0		1.0	µg/L	1	8/29/2019 06:21 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Ethylbenzene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
m,p-Xylene	ND		2.0	µg/L	1	8/29/2019 06:21 PM
Methylene chloride	ND		5.0	µg/L	1	8/29/2019 06:21 PM
o-Xylene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Styrene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Toluene	1.6		1.0	µg/L	1	8/29/2019 06:21 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Trichloroethene	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Vinyl chloride	ND		1.0	µg/L	1	8/29/2019 06:21 PM
Xylenes, Total	ND		3.0	µg/L	1	8/29/2019 06:21 PM
Surr: 1,2-Dichloroethane-d4	91.6		75-120	%REC	1	8/29/2019 06:21 PM
Surr: 4-Bromofluorobenzene	101		80-110	%REC	1	8/29/2019 06:21 PM
Surr: Dibromofluoromethane	96.7		85-115	%REC	1	8/29/2019 06:21 PM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-MW71(33)-G082219

Lab ID: 19081711-01

Collection Date: 8/22/2019 04:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	89.0		85-110	%REC	1	8/29/2019 06:21 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: 19081711

Sample ID: ATR-MW52 (148)-G082219

Lab ID: 19081711-02

Collection Date: 8/22/2019 11:15 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 02:26 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 02:26 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Acetone	ND		10	µg/L	1	8/28/2019 02:26 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 02:26 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 02:26 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 02:26 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 02:26 AM
Surr: 1,2-Dichloroethane-d4	92.8		75-120	%REC	1	8/28/2019 02:26 AM
Surr: 4-Bromofluorobenzene	98.6		80-110	%REC	1	8/28/2019 02:26 AM
Surr: Dibromofluoromethane	94.1		85-115	%REC	1	8/28/2019 02:26 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081711**Sample ID:** ATR-MW52 (148)-G082219**Lab ID:** 19081711-02**Collection Date:** 8/22/2019 11:15 AM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	92.8		85-110	%REC	1	8/28/2019 02:26 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: 19081711

Sample ID: ATR-MW52(55)-G082219

Lab ID: 19081711-03

Collection Date: 8/22/2019 12:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 02:43 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 02:43 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Acetone	ND		10	µg/L	1	8/28/2019 02:43 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 02:43 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 02:43 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 02:43 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 02:43 AM
Surr: 1,2-Dichloroethane-d4	92.2		75-120	%REC	1	8/28/2019 02:43 AM
Surr: 4-Bromofluorobenzene	99.8		80-110	%REC	1	8/28/2019 02:43 AM
Surr: Dibromofluoromethane	91.2		85-115	%REC	1	8/28/2019 02:43 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-MW52(55)-G082219

Lab ID: 19081711-03

Collection Date: 8/22/2019 12:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	92.8		85-110	%REC	1	8/28/2019 02:43 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: 19081711

Sample ID: ATR-MW3-G082219

Lab ID: 19081711-04

Collection Date: 8/22/2019 01:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 07:13 PM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 07:13 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Acetone	ND		10	µg/L	1	8/28/2019 07:13 PM
Benzene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Bromoform	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Chloroform	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 07:13 PM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 07:13 PM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Styrene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Toluene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 07:13 PM
Vinyl chloride	3.4		1.0	µg/L	1	8/28/2019 07:13 PM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 07:13 PM
Surr: 1,2-Dichloroethane-d4	92.4		75-120	%REC	1	8/28/2019 07:13 PM
Surr: 4-Bromofluorobenzene	97.1		80-110	%REC	1	8/28/2019 07:13 PM
Surr: Dibromofluoromethane	97.2		85-115	%REC	1	8/28/2019 07:13 PM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-MW3-G082219

Lab ID: 19081711-04

Collection Date: 8/22/2019 01:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	89.5		85-110	%REC	1	8/28/2019 07:13 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: 19081711

Sample ID: ATR-MW60 (38)-G082219

Lab ID: 19081711-05

Collection Date: 8/22/2019 04:05 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
1,1-Dichloroethene	3.0		1.0	µg/L	1	8/28/2019 03:17 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 03:17 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 03:17 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Acetone	ND		10	µg/L	1	8/28/2019 03:17 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
cis-1,2-Dichloroethene	420		10	µg/L	10	8/28/2019 08:21 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 03:17 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 03:17 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
trans-1,2-Dichloroethene	2.4		1.0	µg/L	1	8/28/2019 03:17 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 03:17 AM
Vinyl chloride	430		10	µg/L	10	8/28/2019 08:21 PM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 03:17 AM
Surr: 1,2-Dichloroethane-d4	90.2		75-120	%REC	1	8/28/2019 03:17 AM
Surr: 1,2-Dichloroethane-d4	91.9		75-120	%REC	10	8/28/2019 08:21 PM
Surr: 4-Bromofluorobenzene	95.4		80-110	%REC	1	8/28/2019 03:17 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: 19081711

Sample ID: ATR-MW60 (38)-G082219

Lab ID: 19081711-05

Collection Date: 8/22/2019 04:05 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	98.5		80-110	%REC	10	8/28/2019 08:21 PM
Surr: Dibromofluoromethane	93.6		85-115	%REC	1	8/28/2019 03:17 AM
Surr: Dibromofluoromethane	101		85-115	%REC	10	8/28/2019 08:21 PM
Surr: Toluene-d8	93.2		85-110	%REC	1	8/28/2019 03:17 AM
Surr: Toluene-d8	88.3		85-110	%REC	10	8/28/2019 08:21 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: 19081711

Sample ID: ATR-EB001-G082219

Lab ID: 19081711-06

Collection Date: 8/22/2019 01:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 01:51 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 01:51 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Acetone	ND		10	µg/L	1	8/28/2019 01:51 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 01:51 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 01:51 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 01:51 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 01:51 AM
Surr: 1,2-Dichloroethane-d4	93.8		75-120	%REC	1	8/28/2019 01:51 AM
Surr: 4-Bromofluorobenzene	97.9		80-110	%REC	1	8/28/2019 01:51 AM
Surr: Dibromofluoromethane	94.2		85-115	%REC	1	8/28/2019 01:51 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-EB001-G082219

Lab ID: 19081711-06

Collection Date: 8/22/2019 01:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	93.0		85-110	%REC	1	8/28/2019 01:51 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)
Sample ID: ATR-MW76 (30)-G082219
Collection Date: 8/22/2019 01:00 PM

Work Order: 19081711
Lab ID: 19081711-07
Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 09:12 PM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 09:12 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Acetone	17		10	µg/L	1	8/28/2019 09:12 PM
Benzene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Bromoform	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Chloroform	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
cis-1,2-Dichloroethene	46		1.0	µg/L	1	8/28/2019 09:12 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 09:12 PM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 09:12 PM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Styrene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Toluene	2.2		1.0	µg/L	1	8/28/2019 09:12 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 09:12 PM
Vinyl chloride	350		10	µg/L	10	8/28/2019 03:34 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 09:12 PM
Surr: 1,2-Dichloroethane-d4	94.0		75-120	%REC	10	8/28/2019 03:34 AM
Surr: 1,2-Dichloroethane-d4	91.5		75-120	%REC	1	8/28/2019 09:12 PM
Surr: 4-Bromofluorobenzene	95.4		80-110	%REC	10	8/28/2019 03:34 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081711**Sample ID:** ATR-MW76 (30)-G082219**Lab ID:** 19081711-07**Collection Date:** 8/22/2019 01:00 PM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	99.0		80-110	%REC	1	8/28/2019 09:12 PM
Surr: Dibromofluoromethane	91.9		85-115	%REC	10	8/28/2019 03:34 AM
Surr: Dibromofluoromethane	99.0		85-115	%REC	1	8/28/2019 09:12 PM
Surr: Toluene-d8	91.6		85-110	%REC	10	8/28/2019 03:34 AM
Surr: Toluene-d8	89.9		85-110	%REC	1	8/28/2019 09:12 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: 19081711

Sample ID: ATR-MW79 (30)-G082219

Lab ID: 19081711-08

Collection Date: 8/22/2019 11:40 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 03:51 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 03:51 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Acetone	ND		10	µg/L	1	8/28/2019 03:51 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 03:51 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 03:51 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 03:51 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 03:51 AM
Surr: 1,2-Dichloroethane-d4	93.4		75-120	%REC	1	8/28/2019 03:51 AM
Surr: 4-Bromofluorobenzene	97.2		80-110	%REC	1	8/28/2019 03:51 AM
Surr: Dibromofluoromethane	96.9		85-115	%REC	1	8/28/2019 03:51 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-MW79 (30)-G082219

Lab ID: 19081711-08

Collection Date: 8/22/2019 11:40 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	92.8		85-110	%REC	1	8/28/2019 03:51 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: 19081711

Sample ID: ATR-MW77 (41)-G082219

Lab ID: 19081711-09

Collection Date: 8/22/2019 10:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 04:08 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 04:08 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Acetone	ND		10	µg/L	1	8/28/2019 04:08 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 04:08 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 04:08 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 04:08 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 04:08 AM
Surr: 1,2-Dichloroethane-d4	92.8		75-120	%REC	1	8/28/2019 04:08 AM
Surr: 4-Bromofluorobenzene	97.8		80-110	%REC	1	8/28/2019 04:08 AM
Surr: Dibromofluoromethane	93.2		85-115	%REC	1	8/28/2019 04:08 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-MW77 (41)-G082219

Lab ID: 19081711-09

Collection Date: 8/22/2019 10:30 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	93.4		85-110	%REC	1	8/28/2019 04:08 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: 19081711

Sample ID: ATR-MW78 (35)-G082219

Lab ID: 19081711-10

Collection Date: 8/22/2019 09:35 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 04:25 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 04:25 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Acetone	ND		10	µg/L	1	8/28/2019 04:25 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 04:25 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 04:25 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 04:25 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 04:25 AM
Surr: 1,2-Dichloroethane-d4	92.4		75-120	%REC	1	8/28/2019 04:25 AM
Surr: 4-Bromofluorobenzene	98.2		80-110	%REC	1	8/28/2019 04:25 AM
Surr: Dibromofluoromethane	94.4		85-115	%REC	1	8/28/2019 04:25 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-MW78 (35)-G082219

Lab ID: 19081711-10

Collection Date: 8/22/2019 09:35 AM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	94.0		85-110	%REC	1	8/28/2019 04:25 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: 19081711

Sample ID: ATR-MW67 (30)-G082219

Lab ID: 19081711-11

Collection Date: 8/22/2019 04:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 04:43 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 04:43 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Acetone	20		10	µg/L	1	8/28/2019 04:43 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
cis-1,2-Dichloroethene	2.6		1.0	µg/L	1	8/28/2019 04:43 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 04:43 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 04:43 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Toluene	1.6		1.0	µg/L	1	8/28/2019 04:43 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 04:43 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 04:43 AM
Surr: 1,2-Dichloroethane-d4	92.5		75-120	%REC	1	8/28/2019 04:43 AM
Surr: 4-Bromofluorobenzene	98.6		80-110	%REC	1	8/28/2019 04:43 AM
Surr: Dibromofluoromethane	99.2		85-115	%REC	1	8/28/2019 04:43 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-MW67 (30)-G082219

Lab ID: 19081711-11

Collection Date: 8/22/2019 04:10 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	92.4		85-110	%REC	1	8/28/2019 04:43 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: 19081711

Sample ID: ATR-MW65 (32)-G082219

Lab ID: 19081711-12

Collection Date: 8/22/2019 03:30 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 05:00 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 05:00 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Acetone	ND		10	µg/L	1	8/28/2019 05:00 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 05:00 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 05:00 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 05:00 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 05:00 AM
Surr: 1,2-Dichloroethane-d4	94.2		75-120	%REC	1	8/28/2019 05:00 AM
Surr: 4-Bromofluorobenzene	98.2		80-110	%REC	1	8/28/2019 05:00 AM
Surr: Dibromofluoromethane	97.2		85-115	%REC	1	8/28/2019 05:00 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-MW65 (32)-G082219

Lab ID: 19081711-12

Collection Date: 8/22/2019 03:30 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	92.8		85-110	%REC	1	8/28/2019 05:00 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: 19081711

Sample ID: ATR-MW75 (30)-G082219

Lab ID: 19081711-13

Collection Date: 8/22/2019 02:45 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 05:17 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 05:17 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Acetone	ND		10	µg/L	1	8/28/2019 05:17 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 05:17 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 05:17 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 05:17 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 05:17 AM
Surr: 1,2-Dichloroethane-d4	94.2		75-120	%REC	1	8/28/2019 05:17 AM
Surr: 4-Bromofluorobenzene	97.0		80-110	%REC	1	8/28/2019 05:17 AM
Surr: Dibromofluoromethane	95.5		85-115	%REC	1	8/28/2019 05:17 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081711**Sample ID:** ATR-MW75 (30)-G082219**Lab ID:** 19081711-13**Collection Date:** 8/22/2019 02:45 PM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	92.3		85-110	%REC	1	8/28/2019 05:17 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester (3359-15-1040)

Work Order: 19081711

Sample ID: ATR-FB001-G082219

Lab ID: 19081711-14

Collection Date: 8/22/2019 01:15 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260C		Analyst: WH	
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
2-Butanone	ND		5.0	µg/L	1	8/28/2019 01:34 AM
2-Hexanone	ND		5.0	µg/L	1	8/28/2019 01:34 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Acetone	ND		10	µg/L	1	8/28/2019 01:34 AM
Benzene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Bromoform	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Bromomethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Carbon disulfide	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Chlorobenzene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Chloroethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Chloroform	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Chloromethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Ethylbenzene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
m,p-Xylene	ND		2.0	µg/L	1	8/28/2019 01:34 AM
Methylene chloride	ND		5.0	µg/L	1	8/28/2019 01:34 AM
o-Xylene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Styrene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Toluene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Trichloroethene	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Vinyl chloride	ND		1.0	µg/L	1	8/28/2019 01:34 AM
Xylenes, Total	ND		3.0	µg/L	1	8/28/2019 01:34 AM
Surr: 1,2-Dichloroethane-d4	96.8		75-120	%REC	1	8/28/2019 01:34 AM
Surr: 4-Bromofluorobenzene	97.2		80-110	%REC	1	8/28/2019 01:34 AM
Surr: Dibromofluoromethane	93.4		85-115	%REC	1	8/28/2019 01:34 AM

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

ALS Group, USA

Date: 30-Aug-19

Client: Wood Environment & Infrastructure Solutions, Inc.**Project:** TFS Rochester (3359-15-1040)**Work Order:** 19081711**Sample ID:** ATR-FB001-G082219**Lab ID:** 19081711-14**Collection Date:** 8/22/2019 01:15 PM**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Toluene-d8</i>	92.3		85-110	%REC	1	8/28/2019 01:34 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081711
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269311a** Instrument ID **VMS10** Method: **SW8260C**

MBLK		Sample ID: VBLKW2-190827-R269311a				Units: µg/L		Analysis Date: 8/28/2019 01:00 AM		
Client ID:		Run ID: VMS10_190827B		SeqNo: 5879349		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>18.27</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>91.4</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>18.92</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94.6</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>18.68</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>93.4</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>18.43</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>92.2</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081711
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269311a** Instrument ID **VMS10** Method: **SW8260C**

LCS		Sample ID: VLCSW3-190827-R269311a				Units: µg/L		Analysis Date: 8/28/2019 09:26 AM		
Client ID:		Run ID: VMS10_190827B		SeqNo: 5879399		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	22.11	1.0	20	0	111	75-130	0			
1,1,2,2-Tetrachloroethane	16.53	1.0	20	0	82.6	75-130	0			
1,1,2-Trichloroethane	18.77	1.0	20	0	93.8	75-125	0			
1,1-Dichloroethane	19.7	1.0	20	0	98.5	68-142	0			
1,1-Dichloroethene	20.65	1.0	20	0	103	70-145	0			
1,2-Dichloroethane	18.6	1.0	20	0	93	78-125	0			
1,2-Dichloropropane	17.99	1.0	20	0	90	75-125	0			
2-Butanone	17.13	5.0	20	0	85.6	55-150	0			
2-Hexanone	15.1	5.0	20	0	75.5	60-135	0			
4-Methyl-2-pentanone	21.45	1.0	20	0	107	77-178	0			
Acetone	19.93	10	20	0	99.6	60-160	0			
Benzene	19.59	1.0	20	0	98	70-130	0			
Bromodichloromethane	20.89	1.0	20	0	104	75-125	0			
Bromoform	18.5	1.0	20	0	92.5	60-125	0			
Bromomethane	23.36	1.0	20	0	117	30-185	0			
Carbon disulfide	23.5	1.0	20	0	118	60-165	0			
Carbon tetrachloride	20.57	1.0	20	0	103	65-140	0			
Chlorobenzene	17.65	1.0	20	0	88.2	80-120	0			
Chloroethane	20.66	1.0	20	0	103	31-172	0			
Chloroform	18.53	1.0	20	0	92.6	66-135	0			
Chloromethane	16.2	1.0	20	0	81	46-148	0			
cis-1,2-Dichloroethene	18.82	1.0	20	0	94.1	75-134	0			
cis-1,3-Dichloropropene	19.36	1.0	20	0	96.8	70-130	0			
Dibromochloromethane	17.82	1.0	20	0	89.1	60-115	0			
Ethylbenzene	17.89	1.0	20	0	89.4	76-123	0			
m,p-Xylene	35.75	2.0	40	0	89.4	75-130	0			
Methylene chloride	16.98	5.0	20	0	84.9	72-125	0			
o-Xylene	18.08	1.0	20	0	90.4	76-127	0			
Styrene	19.14	1.0	20	0	95.7	83-137	0			
Tetrachloroethene	20.6	1.0	20	0	103	68-166	0			
Toluene	17.42	1.0	20	0	87.1	76-125	0			
trans-1,2-Dichloroethene	20.33	1.0	20	0	102	80-140	0			
trans-1,3-Dichloropropene	18.07	1.0	20	0	90.4	56-132	0			
Trichloroethene	21.03	1.0	20	0	105	77-125	0			
Vinyl chloride	21.1	1.0	20	0	106	50-136	0			
Xylenes, Total	53.83	3.0	60	0	89.7	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>18.69</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>93.4</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>20.24</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.84</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>104</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>18.57</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>92.8</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081711
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: R269311a Instrument ID VMS10 Method: SW8260C

MS		Sample ID: 19081711-01A MS				Units: µg/L		Analysis Date: 8/28/2019 07:16 AM		
Client ID: ATR-MW71(33)-G082219		Run ID: VMS10_190827B		SeqNo: 5879397		Prep Date:		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	2041	100	2000	0	102	75-130		0		
1,1,2,2-Tetrachloroethane	1610	100	2000	0	80.5	75-130		0		
1,1,2-Trichloroethane	1778	100	2000	0	88.9	75-125		0		
1,1-Dichloroethane	1820	100	2000	0	91	68-142		0		
1,1-Dichloroethene	2042	100	2000	0	102	70-145		0		
1,2-Dichloroethane	1721	100	2000	0	86	78-125		0		
1,2-Dichloropropane	1740	100	2000	0	87	75-125		0		
2-Butanone	1830	500	2000	0	91.5	55-150		0		
2-Hexanone	1617	500	2000	0	80.8	60-135		0		
4-Methyl-2-pentanone	2188	100	2000	0	109	77-178		0		
Acetone	2089	1,000	2000	0	104	60-160		0		
Benzene	1820	100	2000	0	91	70-130		0		
Bromodichloromethane	1858	100	2000	0	92.9	75-125		0		
Bromoform	1592	100	2000	0	79.6	60-125		0		
Bromomethane	2518	100	2000	0	126	30-185		0		
Carbon disulfide	2060	100	2000	0	103	60-165		0		
Carbon tetrachloride	1879	100	2000	0	94	65-140		0		
Chlorobenzene	1569	100	2000	0	78.4	80-120		0		S
Chloroethane	1903	100	2000	0	95.2	31-172		0		
Chloroform	1694	100	2000	0	84.7	66-135		0		
Chloromethane	1441	100	2000	0	72	46-148		0		
cis-1,2-Dichloroethene	1605	100	2000	0	80.2	75-134		0		
cis-1,3-Dichloropropene	1633	100	2000	0	81.6	70-130		0		
Dibromochloromethane	1470	100	2000	0	73.5	60-115		0		
Ethylbenzene	1603	100	2000	0	80.2	76-123		0		
m,p-Xylene	3144	200	4000	0	78.6	75-130		0		
Methylene chloride	1508	500	2000	0	75.4	72-125		0		
o-Xylene	1640	100	2000	0	82	76-127		0		
Styrene	1671	100	2000	0	83.6	83-137		0		
Tetrachloroethene	1824	100	2000	0	91.2	68-166		0		
Toluene	1560	100	2000	0	78	76-125		0		
trans-1,2-Dichloroethene	1832	100	2000	0	91.6	80-140		0		
trans-1,3-Dichloropropene	1539	100	2000	0	77	56-132		0		
Trichloroethene	1927	100	2000	0	96.4	77-125		0		
Vinyl chloride	2069	100	2000	0	103	50-136		0		
Xylenes, Total	4784	300	6000	0	79.7	76-127		0		
Surr: 1,2-Dichloroethane-d4	1884	0	2000	0	94.2	75-120		0		
Surr: 4-Bromofluorobenzene	1988	0	2000	0	99.4	80-110		0		
Surr: Dibromofluoromethane	2067	0	2000	0	103	85-115		0		
Surr: Toluene-d8	1828	0	2000	0	91.4	85-110		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081711
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269311a** Instrument ID **VMS10** Method: **SW8260C**

MSD		Sample ID: 19081711-01A MSD				Units: µg/L		Analysis Date: 8/28/2019 07:34 AM		
Client ID: ATR-MW71(33)-G082219		Run ID: VMS10_190827B		SeqNo: 5879398		Prep Date:		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	2449	100	2000	0	122	75-130	2041	18.2	30	
1,1,2,2-Tetrachloroethane	1714	100	2000	0	85.7	75-130	1610	6.26	30	
1,1,2-Trichloroethane	1938	100	2000	0	96.9	75-125	1778	8.61	30	
1,1-Dichloroethane	2145	100	2000	0	107	68-142	1820	16.4	30	
1,1-Dichloroethene	2413	100	2000	0	121	70-145	2042	16.7	30	
1,2-Dichloroethane	1918	100	2000	0	95.9	78-125	1721	10.8	30	
1,2-Dichloropropane	1936	100	2000	0	96.8	75-125	1740	10.7	30	
2-Butanone	1829	500	2000	0	91.4	55-150	1830	0.0547	30	
2-Hexanone	1687	500	2000	0	84.4	60-135	1617	4.24	30	
4-Methyl-2-pentanone	2263	100	2000	0	113	77-178	2188	3.37	30	
Acetone	2331	1,000	2000	0	117	60-160	2089	11	30	
Benzene	2108	100	2000	0	105	70-130	1820	14.7	30	
Bromodichloromethane	2082	100	2000	0	104	75-125	1858	11.4	30	
Bromoform	1736	100	2000	0	86.8	60-125	1592	8.65	30	
Bromomethane	2719	100	2000	0	136	30-185	2518	7.68	30	
Carbon disulfide	2555	100	2000	0	128	60-165	2060	21.5	30	
Carbon tetrachloride	2269	100	2000	0	113	65-140	1879	18.8	30	
Chlorobenzene	1829	100	2000	0	91.4	80-120	1569	15.3	30	
Chloroethane	2406	100	2000	0	120	31-172	1903	23.3	30	
Chloroform	1965	100	2000	0	98.2	66-135	1694	14.8	30	
Chloromethane	1771	100	2000	0	88.6	46-148	1441	20.5	30	
cis-1,2-Dichloroethene	1849	100	2000	0	92.4	75-134	1605	14.1	30	
cis-1,3-Dichloropropene	1850	100	2000	0	92.5	70-130	1633	12.5	30	
Dibromochloromethane	1694	100	2000	0	84.7	60-115	1470	14.2	30	
Ethylbenzene	1853	100	2000	0	92.6	76-123	1603	14.5	30	
m,p-Xylene	3657	200	4000	0	91.4	75-130	3144	15.1	30	
Methylene chloride	1695	500	2000	0	84.8	72-125	1508	11.7	30	
o-Xylene	1892	100	2000	0	94.6	76-127	1640	14.3	30	
Styrene	1920	100	2000	0	96	83-137	1671	13.9	30	
Tetrachloroethene	2162	100	2000	0	108	68-166	1824	17	30	
Toluene	1837	100	2000	0	91.8	76-125	1560	16.3	30	
trans-1,2-Dichloroethene	2199	100	2000	0	110	80-140	1832	18.2	30	
trans-1,3-Dichloropropene	1677	100	2000	0	83.8	56-132	1539	8.58	30	
Trichloroethene	2176	100	2000	0	109	77-125	1927	12.1	30	
Vinyl chloride	2542	100	2000	0	127	50-136	2069	20.5	30	
Xylenes, Total	5549	300	6000	0	92.5	76-127	4784	14.8	30	
Surr: 1,2-Dichloroethane-d4	1880	0	2000	0	94	75-120	1884	0.213	30	
Surr: 4-Bromofluorobenzene	1938	0	2000	0	96.9	80-110	1988	2.55	30	
Surr: Dibromofluoromethane	2055	0	2000	0	103	85-115	2067	0.582	30	
Surr: Toluene-d8	1847	0	2000	0	92.4	85-110	1828	1.03	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.

QC BATCH REPORT

Work Order: 19081711

Project: TFS Rochester (3359-15-1040)

Batch ID: **R269311a**

Instrument ID **VMS10**

Method: **SW8260C**

The following samples were analyzed in this batch:

19081711-01A	19081711-02A	19081711-03A
19081711-04A	19081711-05A	19081711-06A
19081711-07A	19081711-08A	19081711-09A
19081711-10A	19081711-11A	19081711-12A
19081711-13A	19081711-14A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081711
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269397a** Instrument ID **VMS10** Method: **SW8260C**

MBLK		Sample ID: VBLKW1-190827-R269397a				Units: µg/L		Analysis Date: 8/28/2019 06:19 PM		
Client ID:		Run ID: VMS10_190828A		SeqNo: 5881694		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>18.8</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.29</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>96.4</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>19.72</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>98.6</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>18.02</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>90.1</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081711
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269397a** Instrument ID **VMS10** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190828-R269397a				Units: µg/L		Analysis Date: 8/28/2019 05:27 PM		
Client ID:		Run ID: VMS10_190828A		SeqNo: 5881693		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	22.48	1.0	20	0	112	75-130	0			
1,1,2,2-Tetrachloroethane	16.67	1.0	20	0	83.4	75-130	0			
1,1,2-Trichloroethane	19.24	1.0	20	0	96.2	75-125	0			
1,1-Dichloroethane	20.61	1.0	20	0	103	68-142	0			
1,1-Dichloroethene	21.23	1.0	20	0	106	70-145	0			
1,2-Dichloroethane	19.87	1.0	20	0	99.4	78-125	0			
1,2-Dichloropropane	19.5	1.0	20	0	97.5	75-125	0			
2-Butanone	17.57	5.0	20	0	87.8	55-150	0			
2-Hexanone	15.61	5.0	20	0	78	60-135	0			
4-Methyl-2-pentanone	20.92	1.0	20	0	105	77-178	0			
Acetone	24.33	10	20	0	122	60-160	0			
Benzene	20.67	1.0	20	0	103	70-130	0			
Bromodichloromethane	22.75	1.0	20	0	114	75-125	0			
Bromoform	20.56	1.0	20	0	103	60-125	0			
Bromomethane	40.02	1.0	20	0	200	30-185	0			S
Carbon disulfide	25.1	1.0	20	0	126	60-165	0			
Carbon tetrachloride	21.11	1.0	20	0	106	65-140	0			
Chlorobenzene	18.18	1.0	20	0	90.9	80-120	0			
Chloroethane	23.26	1.0	20	0	116	31-172	0			
Chloroform	20.02	1.0	20	0	100	66-135	0			
Chloromethane	17.48	1.0	20	0	87.4	46-148	0			
cis-1,2-Dichloroethene	19.5	1.0	20	0	97.5	75-134	0			
cis-1,3-Dichloropropene	20.41	1.0	20	0	102	70-130	0			
Dibromochloromethane	19.1	1.0	20	0	95.5	60-115	0			
Ethylbenzene	17.52	1.0	20	0	87.6	76-123	0			
m,p-Xylene	35.65	2.0	40	0	89.1	75-130	0			
Methylene chloride	17.75	5.0	20	0	88.8	72-125	0			
o-Xylene	18.58	1.0	20	0	92.9	76-127	0			
Styrene	19.65	1.0	20	0	98.2	83-137	0			
Tetrachloroethene	20.11	1.0	20	0	101	68-166	0			
Toluene	17.47	1.0	20	0	87.4	76-125	0			
trans-1,2-Dichloroethene	21.25	1.0	20	0	106	80-140	0			
trans-1,3-Dichloropropene	19.04	1.0	20	0	95.2	56-132	0			
Trichloroethene	21.57	1.0	20	0	108	77-125	0			
Vinyl chloride	21.94	1.0	20	0	110	50-136	0			
Xylenes, Total	54.23	3.0	60	0	90.4	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	19.15	0	20	0	95.8	75-120	0			
<i>Surr: 4-Bromofluorobenzene</i>	19.58	0	20	0	97.9	80-110	0			
<i>Surr: Dibromofluoromethane</i>	20.57	0	20	0	103	85-115	0			
<i>Surr: Toluene-d8</i>	18.31	0	20	0	91.6	85-110	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081711
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269397a** Instrument ID **VMS10** Method: **SW8260C**

MS		Sample ID: 19081711-05A MS				Units: µg/L		Analysis Date: 8/29/2019 01:10 AM		
Client ID: ATR-MW60 (38)-G082219		Run ID: VMS10_190828A		SeqNo: 5881703		Prep Date:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	246.7	10	200	0	123	75-130	0			
1,1,2,2-Tetrachloroethane	157.7	10	200	0	78.8	75-130	0			
1,1,2-Trichloroethane	189	10	200	0	94.5	75-125	0			
1,1-Dichloroethane	217.3	10	200	0	109	68-142	0			
1,1-Dichloroethene	243.4	10	200	0	122	70-145	0			
1,2-Dichloroethane	196.6	10	200	0	98.3	78-125	0			
1,2-Dichloropropane	193.7	10	200	0	96.8	75-125	0			
2-Butanone	202.6	50	200	0	101	55-150	0			
2-Hexanone	166.3	50	200	0	83.2	60-135	0			
4-Methyl-2-pentanone	224.9	10	200	0	112	77-178	0			
Acetone	269.5	100	200	0	135	60-160	0			
Benzene	215.5	10	200	0	108	70-130	0			
Bromodichloromethane	207.4	10	200	0	104	75-125	0			
Bromoform	173.5	10	200	0	86.8	60-125	0			
Bromomethane	381.8	10	200	0	191	30-185	0			S
Carbon disulfide	252.4	10	200	0	126	60-165	0			
Carbon tetrachloride	224.5	10	200	0	112	65-140	0			
Chlorobenzene	180.9	10	200	0	90.4	80-120	0			
Chloroethane	233.7	10	200	0	117	31-172	0			
Chloroform	198.4	10	200	0	99.2	66-135	0			
Chloromethane	196.5	10	200	0	98.2	46-148	0			
cis-1,2-Dichloroethene	646.9	10	200	417.1	115	75-134	0			
cis-1,3-Dichloropropene	193.2	10	200	0	96.6	70-130	0			
Dibromochloromethane	166.4	10	200	0	83.2	60-115	0			
Ethylbenzene	185.3	10	200	0	92.6	76-123	0			
m,p-Xylene	372.8	20	400	0	93.2	75-130	0			
Methylene chloride	180.7	50	200	0	90.4	72-125	0			
o-Xylene	189.5	10	200	0	94.8	76-127	0			
Styrene	190.1	10	200	0	95	83-137	0			
Tetrachloroethene	213.9	10	200	0	107	68-166	0			
Toluene	180.6	10	200	0	90.3	76-125	0			
trans-1,2-Dichloroethene	222.6	10	200	0	111	80-140	0			
trans-1,3-Dichloropropene	172.2	10	200	0	86.1	56-132	0			
Trichloroethene	226.9	10	200	0	113	77-125	0			
Vinyl chloride	696.3	10	200	429.9	133	50-136	0			
Xylenes, Total	562.3	30	600	0	93.7	76-127	0			
Surr: 1,2-Dichloroethane-d4	179.4	0	200	0	89.7	75-120	0			
Surr: 4-Bromofluorobenzene	203.5	0	200	0	102	80-110	0			
Surr: Dibromofluoromethane	203	0	200	0	102	85-115	0			
Surr: Toluene-d8	181	0	200	0	90.5	85-110	0			

The following samples were analyzed in this batch:

19081711-04A	19081711-05A	19081711-07A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 19081711
Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269467a** Instrument ID **VMS10** Method: **SW8260C**

MBLK		Sample ID: VBLKW1-190829-R269467a				Units: µg/L		Analysis Date: 8/29/2019 03:11 PM		
Client ID:		Run ID: VMS10_190829A		SeqNo: 5885649		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								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>17.91</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>89.6</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.94</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.7</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>18.93</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>94.6</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>17.94</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>89.7</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081711
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269467a** Instrument ID **VMS10** Method: **SW8260C**

LCS		Sample ID: VLCSW1-190829-R269467a				Units: µg/L		Analysis Date: 8/29/2019 02:19 PM		
Client ID:		Run ID: VMS10_190829A		SeqNo: 5885648		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	22.55	1.0	20	0	113	75-130	0			
1,1,2,2-Tetrachloroethane	15.64	1.0	20	0	78.2	75-130	0			
1,1,2-Trichloroethane	18.36	1.0	20	0	91.8	75-125	0			
1,1-Dichloroethane	22.05	1.0	20	0	110	68-142	0			
1,1-Dichloroethene	22.39	1.0	20	0	112	70-145	0			
1,2-Dichloroethane	19.92	1.0	20	0	99.6	78-125	0			
1,2-Dichloropropane	19.68	1.0	20	0	98.4	75-125	0			
2-Butanone	18.4	5.0	20	0	92	55-150	0			
2-Hexanone	14.43	5.0	20	0	72.2	60-135	0			
4-Methyl-2-pentanone	19.81	1.0	20	0	99	77-178	0			
Acetone	24.26	10	20	0	121	60-160	0			
Benzene	21.08	1.0	20	0	105	70-130	0			
Bromodichloromethane	23.21	1.0	20	0	116	75-125	0			
Bromoform	18.98	1.0	20	0	94.9	60-125	0			
Bromomethane	54.99	1.0	20	0	275	30-185	0			S
Carbon disulfide	26.16	1.0	20	0	131	60-165	0			
Carbon tetrachloride	21.6	1.0	20	0	108	65-140	0			
Chlorobenzene	17.82	1.0	20	0	89.1	80-120	0			
Chloroethane	22.27	1.0	20	0	111	31-172	0			
Chloroform	21.26	1.0	20	0	106	66-135	0			
Chloromethane	18.03	1.0	20	0	90.2	46-148	0			
cis-1,2-Dichloroethene	20.31	1.0	20	0	102	75-134	0			
cis-1,3-Dichloropropene	20.53	1.0	20	0	103	70-130	0			
Dibromochloromethane	18.1	1.0	20	0	90.5	60-115	0			
Ethylbenzene	17.67	1.0	20	0	88.4	76-123	0			
m,p-Xylene	35.47	2.0	40	0	88.7	75-130	0			
Methylene chloride	18.44	5.0	20	0	92.2	72-125	0			
o-Xylene	18.24	1.0	20	0	91.2	76-127	0			
Styrene	19.21	1.0	20	0	96	83-137	0			
Tetrachloroethene	21.15	1.0	20	0	106	68-166	0			
Toluene	17.67	1.0	20	0	88.4	76-125	0			
trans-1,2-Dichloroethene	22.41	1.0	20	0	112	80-140	0			
trans-1,3-Dichloropropene	17.91	1.0	20	0	89.6	56-132	0			
Trichloroethene	22.49	1.0	20	0	112	77-125	0			
Vinyl chloride	22.01	1.0	20	0	110	50-136	0			
Xylenes, Total	53.71	3.0	60	0	89.5	76-127	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>18</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>90</i>	<i>75-120</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>19.93</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>99.6</i>	<i>80-110</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>20.23</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>101</i>	<i>85-115</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>17.93</i>	<i>0</i>	<i>20</i>	<i>0</i>	<i>89.6</i>	<i>85-110</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081711
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269467a** Instrument ID **VMS10** Method: **SW8260C**

MS		Sample ID: 19081658-02A MS				Units: µg/L		Analysis Date: 8/29/2019 10:43 PM		
Client ID:		Run ID: VMS10_190829A		SeqNo: 5885658		Prep Date:		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	528.2	20	400	0	132	75-130	0			S
1,1,2,2-Tetrachloroethane	321.8	20	400	0	80.4	75-130	0			
1,1,2-Trichloroethane	376.6	20	400	0	94.2	75-125	0			
1,1-Dichloroethane	457.4	20	400	0	114	68-142	0			
1,1-Dichloroethene	513	20	400	0	128	70-145	0			
1,2-Dichloroethane	426.4	20	400	0	107	78-125	0			
1,2-Dichloropropane	404.8	20	400	0	101	75-125	0			
2-Butanone	417.2	100	400	0	104	55-150	0			
2-Hexanone	324.4	100	400	0	81.1	60-135	0			
4-Methyl-2-pentanone	445.8	20	400	0	111	77-178	0			
Acetone	518.4	200	400	0	130	60-160	0			
Benzene	1292	20	400	818.2	118	70-130	0			
Bromodichloromethane	433.2	20	400	0	108	75-125	0			
Bromoform	360.6	20	400	0	90.2	60-125	0			
Bromomethane	886.6	20	400	0	222	30-185	0			S
Carbon disulfide	526.6	20	400	0	132	60-165	0			
Carbon tetrachloride	491.6	20	400	0	123	65-140	0			
Chlorobenzene	363.8	20	400	0	91	80-120	0			
Chloroethane	2071	20	400	0	518	31-172	0			SE
Chloroform	435	20	400	0	109	66-135	0			
Chloromethane	282.4	20	400	0	70.6	46-148	0			
cis-1,2-Dichloroethene	427.2	20	400	0	107	75-134	0			
cis-1,3-Dichloropropene	410	20	400	0	102	70-130	0			
Dibromochloromethane	336.8	20	400	0	84.2	60-115	0			
Ethylbenzene	474	20	400	103	92.8	76-123	0			
m,p-Xylene	1196	40	800	448.6	93.4	75-130	0			
Methylene chloride	375.2	100	400	0	93.8	72-125	0			
o-Xylene	374.4	20	400	0	93.6	76-127	0			
Styrene	390.2	20	400	0	97.6	83-137	0			
Tetrachloroethene	436.6	20	400	0	109	68-166	0			
Toluene	358.8	20	400	0	89.7	76-125	0			
trans-1,2-Dichloroethene	475.2	20	400	0	119	80-140	0			
trans-1,3-Dichloropropene	342.8	20	400	0	85.7	56-132	0			
Trichloroethene	481.8	20	400	0	120	77-125	0			
Vinyl chloride	510.8	20	400	0	128	50-136	0			
Xylenes, Total	1570	60	1200	448.6	93.5	76-127	0			
Surr: 1,2-Dichloroethane-d4	369.8	0	400	0	92.4	75-120	0			
Surr: 4-Bromofluorobenzene	404.2	0	400	0	101	80-110	0			
Surr: Dibromofluoromethane	409.6	0	400	0	102	85-115	0			
Surr: Toluene-d8	353.6	0	400	0	88.4	85-110	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
 Work Order: 19081711
 Project: TFS Rochester (3359-15-1040)

QC BATCH REPORT

Batch ID: **R269467a** Instrument ID **VMS10** Method: **SW8260C**

MSD		Sample ID: 19081658-02A MSD				Units: µg/L		Analysis Date: 8/29/2019 11:01 PM		
Client ID:		Run ID: VMS10_190829A		SeqNo: 5885659		Prep Date:		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	450	20	400	0	112	75-130	528.2	16	30	
1,1,2,2-Tetrachloroethane	296.2	20	400	0	74	75-130	321.8	8.28	30	S
1,1,2-Trichloroethane	345.8	20	400	0	86.4	75-125	376.6	8.53	30	
1,1-Dichloroethane	400.8	20	400	0	100	68-142	457.4	13.2	30	
1,1-Dichloroethene	460.2	20	400	0	115	70-145	513	10.9	30	
1,2-Dichloroethane	370	20	400	0	92.5	78-125	426.4	14.2	30	
1,2-Dichloropropane	352.4	20	400	0	88.1	75-125	404.8	13.8	30	
2-Butanone	380.8	100	400	0	95.2	55-150	417.2	9.12	30	
2-Hexanone	299	100	400	0	74.8	60-135	324.4	8.15	30	
4-Methyl-2-pentanone	418.6	20	400	0	105	77-178	445.8	6.29	30	
Acetone	494.4	200	400	0	124	60-160	518.4	4.74	30	
Benzene	1183	20	400	818.2	91.2	70-130	1292	8.76	30	
Bromodichloromethane	387	20	400	0	96.8	75-125	433.2	11.3	30	
Bromoform	336.8	20	400	0	84.2	60-125	360.6	6.83	30	
Bromomethane	440.2	20	400	0	110	30-185	886.6	67.3	30	R
Carbon disulfide	469.4	20	400	0	117	60-165	526.6	11.5	30	
Carbon tetrachloride	423.2	20	400	0	106	65-140	491.6	15	30	
Chlorobenzene	327.2	20	400	0	81.8	80-120	363.8	10.6	30	
Chloroethane	1528	20	400	0	382	31-172	2071	30.2	30	SR
Chloroform	383.2	20	400	0	95.8	66-135	435	12.7	30	
Chloromethane	263.6	20	400	0	65.9	46-148	282.4	6.89	30	
cis-1,2-Dichloroethene	373.6	20	400	0	93.4	75-134	427.2	13.4	30	
cis-1,3-Dichloropropene	364.8	20	400	0	91.2	70-130	410	11.7	30	
Dibromochloromethane	306.6	20	400	0	76.6	60-115	336.8	9.39	30	
Ethylbenzene	435	20	400	103	83	76-123	474	8.58	30	
m,p-Xylene	1094	40	800	448.6	80.7	75-130	1196	8.87	30	
Methylene chloride	327.2	100	400	0	81.8	72-125	375.2	13.7	30	
o-Xylene	340.4	20	400	0	85.1	76-127	374.4	9.51	30	
Styrene	349.8	20	400	0	87.4	83-137	390.2	10.9	30	
Tetrachloroethene	378.2	20	400	0	94.6	68-166	436.6	14.3	30	
Toluene	325.2	20	400	0	81.3	76-125	358.8	9.82	30	
trans-1,2-Dichloroethene	419.6	20	400	0	105	80-140	475.2	12.4	30	
trans-1,3-Dichloropropene	315.6	20	400	0	78.9	56-132	342.8	8.26	30	
Trichloroethene	416.6	20	400	0	104	77-125	481.8	14.5	30	
Vinyl chloride	473.4	20	400	0	118	50-136	510.8	7.6	30	
Xylenes, Total	1435	60	1200	448.6	82.2	76-127	1570	9.02	30	
Surr: 1,2-Dichloroethane-d4	355.8	0	400	0	89	75-120	369.8	3.86	30	
Surr: 4-Bromofluorobenzene	399.4	0	400	0	99.8	80-110	404.2	1.19	30	
Surr: Dibromofluoromethane	399.4	0	400	0	99.8	85-115	409.6	2.52	30	
Surr: Toluene-d8	347.4	0	400	0	86.8	85-110	353.6	1.77	30	

The following samples were analyzed in this batch:

19081711-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Cincinnati, OH
+1 513 733 5336

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COC ID: 187810

ALS Project Manager: EB

ALS Work Order #: 1908711

Customer Information		Project Information		Parameter/Method Request for Analysis																			
Purchase Order	<u>CO12609107</u>	Project Name	<u>Annual</u>	A	VOCs	<u>82603</u>																	
Work Order		Project Number	<u>3359151040</u>	B																			
Company Name	<u>Wood Environment & Infrastructure Soluti</u>	Bill To Company	<u>Wood Environment & Infrastructure Sol</u>	C																			
Send Report To	<u>Paul Stork</u>	Invoice Attn	<u>Accounts Payable</u>	D																			
Address	<u>521 Byers Road, Suite 204</u>	Address	<u>521 Byers Road, Suite 204</u>	E																			
				F																			
City/State/Zip	<u>Miamisburg, OH 45342</u>	City/State/Zip	<u>Miamisburg, OH 45342</u>	G																			
Phone	<u>(937) 859-3600</u>	Phone	<u>(937) 859-3600</u>	H																			
Fax	<u>(937) 859-7951</u>	Fax	<u>(937) 859-7951</u>	I																			
e-Mail Address	<u>Paul.Stork@woodpk.com</u>	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 71(33)-G082219	8/22/19	1610	GW	1	3	X										
2	ATR-MWS2(148)-G082219	8/22/19	1115	GW	1	3	X										
3	ATR-MWS2(55)-G082219	8/22/19	1210	GW	1	3	X										
4	ATR-MW3-G082219	8/22/19	1310	GW	1	3	X										
5	ATR-MW60(38)-G082119	8/22/19	1605	GW	1	3	X										
6	ATR-EB001-082219	8/22/19	1315	GW	2	3	X										
7	ATR-MW76(30)-G082219	8/22/19	1300	GW	2	3	X										
8	ATR-MW79(30)-G082219	8/22/19	1140	GW	1	3	X										
9	ATR-MW77(41)-G082219	8/22/19	1030	GW	1	3	X										
10	ATR-MW78(35)-G082219	8/22/19	0935	GW	2	3	X										

Sampler(s) Please Print & Sign: _____ 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: Rachel Hubs Date: 8/23/19 Time: 0950 Received by: Paul Stork Notes: _____
 Relinquished by: _____ Date: _____ Time: _____ Received by (Laboratory): _____ Cooler ID: 340C 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 SWR46/CLP Other _____
 Logged by (Laboratory): UTG Date: 8/23/19 Time: 1515 Checked by (Laboratory): EB SR2 PH17
 Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035



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COC ID: 187797

ALS Project Manager: EB ALS Work Order #: _____

Customer Information		Project Information		Parameter/Method Request for Analysis																		
Purchase Order	<u>C012609107</u>	Project Name	<u>Annual</u>	A	VOCs	<u>82603</u>																
Work Order		Project Number	<u>3359151040</u>	B																		
Company Name	<u>Wood Environment & Infrastructure Soluti</u>	Bill To Company	<u>Wood Environment & Infrastructure Sol</u>	C																		
Send Report To	<u>Paul Stork</u>	Invoice Attn	<u>Accounts Payable</u>	D																		
Address	<u>521 Byers Road, Suite 204</u>	Address	<u>521 Byers Road, Suite 204</u>	E																		
City/State/Zip	<u>Miamisburg, OH 45342</u>	City/State/Zip	<u>Miamisburg, OH 45342</u>	F																		
Phone	<u>(937) 859-3600</u>	Phone	<u>(937) 859-3600</u>	G																		
Fax	<u>(937) 859-7951</u>	Fax	<u>(937) 859-7951</u>	H																		
e-Mail Address	<u>Paul.Stork@woodpk.com</u>	e-Mail Address		I																		
				J																		

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	<u>ATR-MW67(30)-G082219</u>	<u>8/22/19</u>	<u>1610</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<u>X</u>										
2	<u>ATR-MW65(32)-G082219</u>	<u>8/22/19</u>	<u>1530</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<u>X</u>										
3	<u>ATR-MW75(30)-G082219</u>	<u>8/22/19</u>	<u>1445</u>	<u>GW</u>	<u>1</u>	<u>3</u>	<u>X</u>										
4	<u>ATR-FB001-082219</u>	<u>8/22/19</u>	<u>1315</u>	<u>W</u>	<u>1</u>	<u>3</u>	<u>X</u>										
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign _____ 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: 8/23/19 Time: 09:50 Received by: [Signature] Notes: _____
 Relinquished by: _____ Date: _____ Time: _____ Received by (Laboratory): [Signature] Cooler ID: _____ Cooler Temp.: _____ QC Package: (Check One Box Below)
 Logged by (Laboratory): MTG Date: 8/23/19 Time: 15:15 Checked by (Laboratory): EB SR2 P417 Level II Std QC TRRP CheckList
 Level III Std QC/Raw Data TRRP Level IV
 Level IV SWS46/CLP
 Other _____

Sample Receipt Checklist

Client Name: **WOOD-DAYTON**

Date/Time Received: **23-Aug-19 13:30**

Work Order: **19081711**

Received by: **MJG**

Checklist completed by Matthew Gaylord 23-Aug-19
eSignature Date

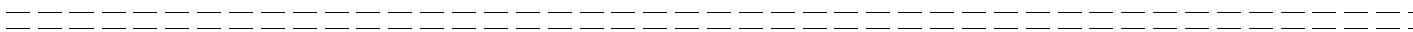
Reviewed by: Eheland Bramworth 23-Aug-19
eSignature Date

Matrices: Groundwater

Carrier name: Courier

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>3.5/3.5C</u>		<u>SR2</u>
Cooler(s)/Kit(s):	<u> </u>		
Date/Time sample(s) sent to storage:	<u>8/23/2019 3:12:36 PM</u>		
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted by:	<u> </u>		

Login Notes:



Client Contacted: _____ Date Contacted: _____ Person Contacted: _____

Contacted By: _____ Regarding: _____

Comments:

CorrectiveAction:

**DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA**

1.0 INTRODUCTION

Groundwater samples were collected during monitoring well sampling completed in August 2019 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, 1999), 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. Full validation was completed on ten percent of the samples. Full validation was completed on the following samples:

- ATR-MW37 (98)- G081319
- ATR-MW50 (45)-G081419
- ATR-MW29 (132)-G081419
- ATR-MW29 (82.5)-G081419
- ATR-MW29 (103.3)- G081419
- ATR-MW32 (110)- G081519
- ATR-MW32 (89)- G081519
- ATR-MW32 (24.1)- G081519
- ATR-MW30 (41.1)- G081519
- ATR-MW1 - G081519
- ATR-MW48 (159)- G081519
- ATR-MW48 (159)- G081519R
- ATR-MW34 (84)- G081519
- ATR-MW34 (37)- G081519

Full validation includes review of raw instrument data, lab notebook records, and calculation checks in addition to the following parameters:

- laboratory report narrative
- sample chain of custody/sample receipt records
- sample preservation and holding times
- instrument tuning and calibration
- 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

Level II validation was completed on the remaining ninety percent of the data 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

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. A summary of table notes applicable to Tables 1, 3, and 4 is presented just before Table 1. 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 high

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

QC Blanks

Due to contamination in the associated trip blank (11 ug/L) the result for acetone in sample ATR-OW6(63)-G082119 and ATR-OW6(63)-G082119R were qualified non-detect (U). The qualified results are included in Table 3 with reason code BL2.

Continuing Calibration

The percent difference for carbon disulfide, 2-hexanone, bromomethane, vinyl chloride, chloroethane, 1,1,2,2-tetrachloroethane, and 4-methyl-2-pentanone in various analytical batches exceeded the project goal of 20. These VOCs were not detected in associated samples, and reporting limits for these VOCs in associated samples were qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code CCV%D.

LCS

In the LCS associated with batch R269467a the percent recovery of carbon disulfide was greater than the limit of 130. Of the associated samples, carbon disulfide was only detected in sample ATR-MW71(33)-G082219. The detection of carbon disulfide in sample ATR-MW71(33)-G082219 was qualified estimated (J). The MS/MSD for sample ATR-MW71(33)-G082219 also had a relative percent difference for carbon disulfide that exceeded the precision goal. The qualified result is included in Table 3 with reason codes LCSH and MSRPD.

MS/MSD

Multiple MS/MSD analyses were completed using groundwater samples from this event. The majority of VOCs has recoveries within the QC limit goal of 70-130 percent. A subset of results for the following compounds was qualified as estimated values (J+/UJ) due to MS/MSD percent recoveries outside the QAPP specified control limits.

2-hexanone
Bromoform
Dibromochloromethane
trans-1,3-Dichloropropene
Vinyl chloride

In the MS/MSD associated with sample ATR-MW39 (13)- G081319, percent recoveries for 2-hexanone (67), bromoform (64), dibromochloromethane (66), and trans-1,3-dichloropropene (68) were less than the 70-130 control limits, indicating a potential low bias. Reporting limits were qualified estimated (UJ) and are included in Table 3 with reason code MSL.

In the MS/MSD associated with sample ATR-MW60 (38)-G082219, percent recovery for vinyl chloride (133) in the MS was greater than the 70-130 control limits. The result for vinyl chloride was qualified estimated with a potential high bias (J+). The result is included in Table 3 with reason code MSH.

The MS/MSD for sample ATR-MW71(33)-G082219 had a relative percent difference for carbon disulfide that exceeded the precision goal. The result for carbon disulfide is qualified as estimated (J). The qualified result is included in Table 3 with reason code MSRPD.

Surrogates

Percent recoveries of the surrogate 1,2-dichloroethane-d4 (82-83) in samples ATR-MW39 (76.7)-G081319, ATR-MW39 (29.3)- G081319, and ATR-MW39 (13)- G081319 were less than the 85-115 control limits, indicating potential low bias. No VOCs were detected in samples ATR-MW39 (76.7)-G081319, ATR-MW39 (29.3)- G081319, and ATR-MW39 (13)- G081319 and reporting limits were qualified 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), 1999. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review"; Office of Emergency and Remedial Response; EPA-540/R-99/008; October 1999.

Data Validator: Liesel Krout



Date: October 25, 2019

Report Reviewed by: Chris Ricardi, NRCC_EAC



Date: November 1, 2019

Standard Table Notes:

Sample Type (QC Code)

FS – field sample
FD – field duplicate
TB – trip blank
EB – equipment blank
FB – field blank

Matrix

GW – ground water
BW – blank water
TW – tap water
SV – soil vapor
SED - sediment

Units

mg/L – milligrams per liter
ng/L – nanograms per liter
µg/L – micrograms per liter
mg/kg – milligrams per kilogram
µg/kg – micrograms per kilogram
µg/m³ – micrograms per cubic meter

Qualifiers

U – not detected above quantitation limit
J – estimated quantity
J+ - estimated quantity, biased high
J- - estimated quantity, biased low
R – data unusable

Fraction

T – total
D – dissolved
N – normal

Qualification Reason Codes

BL1 – method blank qualifier
BL2 – field or trip blank qualifier
CCV – continuing calibration verification recovery outside limits
CCV%D – continuing calibration verification percent difference exceeds goal
CCVRRF – continuing calibration relative response factor low
CI – chromatographic interference present
DCPD – dual column percent difference exceeds limit
E – result exceeds calibration range
FD – field duplicate precision goal exceeded
FP – false positive interference
HT – holding time for prep or analysis exceeded
HTG – holding time for prep or analysis grossly exceeded
ICV – initial calibration verification recovery outside limit
ICVRRF – initial calibration verification relative response factor low
ICVRS D – initial calibration verification % relative standard deviation exceeds goal
ISH – internal standard response greater than limit
ISL – internal standard response less than limit
LCSH – laboratory control sample recovery high
LCSL – laboratory control sample recovery low
LCSRPD – laboratory control sample/duplicate relative % difference precision goal exceeded
LD – lab duplicate precision goal exceeded
MSH – matrix spike and/or MS duplicate recovery high
MSL – matrix spike and/or MS duplicate recovery low
MSRPD – matrix spike/duplicate relative % difference precision goal exceeded
N – analyte identification is not certain
PEM – performance evaluation mixture exceeds limit
PM – sample percent moisture exceeds EPA guideline
SD – serial dilution result exceeds percent difference limit
SP – sample preservation/collection does not meet method requirement
SSH – surrogate recovery high
SSL – surrogate recovery low
TD – dissolved concentration exceeds total

TABLE 1 - SAMPLE AND ANALYSIS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Location	Field Sample ID	Sample Date	Matrix	Lab Sample ID	Method SW8260C	
						Sample Type	Count
19081137	MW-29(103.3)	ATR-MW29 (103.3)-G081419	8/14/2019	GW	19081137-31A	FS	36
19081137	MW-29(132.8)	ATR-MW29 (132)-G081419	8/14/2019	GW	19081137-29A	FS	36
19081137	MW-29(82.5)	ATR-MW29 (82.5)-G081419	8/14/2019	GW	19081137-30A	FS	36
19081137	MW-31(139.2)	ATR-MW31 (139.2)- G081419	8/14/2019	GW	19081137-20A	FS	36
19081137	MW-31(30.9)	ATR-MW31 (30.9)-G081419	8/14/2019	GW	19081137-24A	FS	36
19081137	MW-31(55.5)	ATR-MW31 (55.5)-G081419	8/14/2019	GW	19081137-21A	FS	36
19081137	MW-31(98.5)	ATR-MW31 (98.5)-G081419	8/14/2019	GW	19081137-22A	FS	36
19081137	MW-31(98.5)	ATR-MW31 (98.5)-G081419R	8/14/2019	GW	19081137-23A	FD	36
19081137	MW-35(148)	ATR-MW35 (148)- G081419	8/14/2019	GW	19081137-19A	FS	36
19081137	MW-35(45)	ATR-MW35 (45)- G081419	8/14/2019	GW	19081137-16A	FS	36
19081137	MW-35(90)	ATR-MW35 (90)- G081419	8/14/2019	GW	19081137-17A	FS	36
19081137	MW-36(124.5)	ATR-MW36 (124.5)- G081319	8/13/2019	GW	19081137-14A	FS	36
19081137	MW-36(35.2)	ATR-MW36 (35.2)- G081319	8/13/2019	GW	19081137-15A	FS	36
19081137	MW-36(92.4)	ATR-MW36 (92.4)- G081319	8/13/2019	GW	19081137-13A	FS	36
19081137	MW-37(23.3)	ATR-MW37 (23.3)- G081319	8/13/2019	GW	19081137-01A	FS	36
19081137	MW-37(70)	ATR-MW37 (70)- G081319	8/13/2019	GW	19081137-02A	FS	36
19081137	MW-37(98)	ATR-MW37 (98)- G081319	8/13/2019	GW	19081137-03A	FS	36
19081137	MW-38(102.5)	ATR-MW38 (102.5)- G081319	8/13/2019	GW	19081137-08A	FS	36
19081137	MW-38(20.8)	ATR-MW38 (20.8)- G081319	8/13/2019	GW	19081137-09A	FS	36
19081137	MW-38(29.1)	ATR-MW38 (29.1)- G081319	8/13/2019	GW	19081137-10A	FS	36
19081137	MW-38(69.9)	ATR-MW38 (69.9)- G081319	8/13/2019	GW	19081137-11A	FS	36
19081137	MW-38(69.9)	ATR-MW38 (69.9)- G081319R	8/13/2019	GW	19081137-12A	FD	36
19081137	MW-39(13)	ATR-MW39 (13)- G081319	8/13/2019	GW	19081137-06A	FS	36
19081137	MW-39(29.3)	ATR-MW39 (29.3)- G081319	8/13/2019	GW	19081137-05A	FS	36
19081137	MW-39(76.8)	ATR-MW39 (76.7)- G081319	8/13/2019	GW	19081137-04A	FS	36
19081137	MW-50(45)	ATR-MW50 (45)-G081419	8/14/2019	GW	19081137-28A	FS	36
19081137	MW-50(80)	ATR-MW50 (80)-G081419	8/14/2019	GW	19081137-27A	FS	36
19081137	MW-51(25)	ATR-MW51 (25)-G081419	8/14/2019	GW	19081137-26A	FS	36
19081137	MW-51(70)	ATR-MW51 (70)-G081419	8/14/2019	GW	19081137-25A	FS	36
19081137	QC	ATR-EB001-081319	8/13/2019	BW	19081137-07A	EB	36
19081137	QC	ATR-EB001-081419	8/14/2019	BW	19081137-18A	EB	36
19081137	QC	ATR-TB001-081419	8/14/2019	BW	19081137-32A	TB	36
19081281	MW-1	ATR-MW1 - G081519	8/15/2019	GW	19081281-05A	FS	36
19081281	MW-19(53)	ATR-MW19 (53) - G081619	8/16/2019	GW	19081281-16A	FS	36
19081281	MW-24(55.9)	ATR-MW24 (55) - G081619	8/16/2019	GW	19081281-19A	FS	36
19081281	MW-24(55.9)	ATR-MW24 (55) - G081619R	8/16/2019	GW	19081281-20A	FD	36
19081281	MW-30(41.1)	ATR-MW30 (41.1) - G081519	8/15/2019	GW	19081281-04A	FS	36
19081281	MW-32(110)	ATR-MW32 (110) - G081519	8/15/2019	GW	19081281-01A	FS	36
19081281	MW-32(24.1)	ATR-MW32 (24.1) - G081519	8/15/2019	GW	19081281-03A	FS	36
19081281	MW-32(89)	ATR-MW32 (89) - G081519	8/15/2019	GW	19081281-02A	FS	36
19081281	MW-34(110)	ATR-MW34 (110) - G081519	8/15/2019	GW	19081281-10A	FS	36
19081281	MW-34(37)	ATR-MW34 (37) - G081519	8/15/2019	GW	19081281-09A	FS	36
19081281	MW-34(85)	ATR-MW34 (84) - G081519	8/15/2019	GW	19081281-08A	FS	36

TABLE 1 - SAMPLE AND ANALYSIS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Location	Field Sample ID	Sample Date	Matrix	Lab Sample ID	Method SW8260C	
						Sample Type	Count
19081281	MW-45(185)	ATR-MW45 (185) - G081619	8/16/2019	GW	19081281-23A	FS	36
19081281	MW-48(159)	ATR-MW48 (159) - G081519	8/15/2019	GW	19081281-06A	FS	36
19081281	MW-48(159)	ATR-MW48 (159) - G081519R	8/15/2019	GW	19081281-07A	FD	36
19081281	MW-53(41)	ATR-MW53 (41) - G081619	8/16/2019	GW	19081281-18A	FS	36
19081281	MW-55(49)	ATR-MW55 (49) - G081619	8/16/2019	GW	19081281-22A	FS	36
19081281	MW-57(38)	ATR-MW57 (38) - G081619	8/16/2019	GW	19081281-21A	FS	36
19081281	MW-62(36)	ATR-MW62 (36)-G081619	8/16/2019	GW	19081281-15A	FS	36
19081281	MW-83(64)	ATR-MW83 (64) - G081619	8/16/2019	GW	19081281-14A	FS	36
19081281	MW-85(130)	ATR-MW85 (130) - G081519	8/15/2019	GW	19081281-13A	FS	36
19081281	MW-85(39)	ATR-MW85 (39) - G081519	8/15/2019	GW	19081281-12A	FS	36
19081281	QC	ATR-EB001 - 081519	8/15/2019	BW	19081281-11A	EB	36
19081281	QC	ATR-EB001 - 081619	8/16/2019	BW	19081281-17A	EB	36
19081281	QC	Trip Blank	8/16/2019	BW	19081281-24A	TB	36
19081608	MW-14	ATR-MW14-G082019	8/20/2019	GW	19081608-07A	FS	36
19081608	MW-15	ATR-MW15-G082019	8/20/2019	GW	19081608-08A	FS	36
19081608	MW-17	ATR-MW17-G082019	8/20/2019	GW	19081608-11A	FS	36
19081608	MW-20(51)	ATR-MW20(51)-G082019	8/20/2019	GW	19081608-13A	FS	36
19081608	MW-25(16.4)	ATR-MW25(16.4)-G082019	8/20/2019	GW	19081608-14A	FS	36
19081608	MW-25(32.6)	ATR-MW25(32.6)-G082019	8/20/2019	GW	19081608-10A	FS	36
19081608	MW-25(82)	ATR-MW25(82)-G082019	8/20/2019	GW	19081608-09A	FS	36
19081608	MW-26(17.5)	ATR-MW26(17.5)-G081919	8/19/2019	GW	19081608-03A	FS	36
19081608	MW-26(28.8)	ATR-MW26(28.8)-G081919	8/19/2019	GW	19081608-01A	FS	36
19081608	MW-26(58.8)	ATR-MW26(58.2)-G081919	8/19/2019	GW	19081608-02A	FS	36
19081608	MW-27(18)	ATR-MW27(18)-G081919	8/19/2019	GW	19081608-05A	FS	36
19081608	MW-27(18)	ATR-MW27(18)-G081919R	8/19/2019	GW	19081608-06A	FS	36
19081608	MW-6C	ATR-MW6C-G082119	8/21/2019	GW	19081608-15A	FS	36
19081608	MW-82(58)	ATR-MW82(58)-G082019	8/20/2019	GW	19081608-12A	FS	36
19081608	QC	ATR-EB001-081919	8/19/2019	BW	19081608-04A	EB	36
19081608	QC	ATR-EB001-082119	8/21/2019	BW	19081608-16A	EB	36
19081608	QC	ATR-TR003-082119	8/21/2019	BW	19081608-17A	TB	36
19081615	MW-11	ATR-MW11-G082019	8/20/2019	GW	19081615-12A	FS	36
19081615	MW-12	ATR-MW12-G082019	8/20/2019	GW	19081615-13A	FS	36
19081615	MW-13	ATR-MW13-G082019	8/20/2019	GW	19081615-11A	FS	36
19081615	MW-16	ATR-MW16-G081919	8/19/2019	GW	19081615-03A	FS	36
19081615	MW-20(124)	ATR-MW20(124)-G082019	8/20/2019	GW	19081615-14A	FS	36
19081615	MW-20(155)	ATR-MW20(155)-G082019	8/20/2019	GW	19081615-10A	FS	36
19081615	MW-20(35)	ATR-MW20(35)-G082019	8/20/2019	GW	19081615-09A	FS	36
19081615	MW-27(104.2)	ATR-MW27(104.2)-G081919	8/19/2019	GW	19081615-08A	FS	36
19081615	MW-27(53.05)	ATR-MW27(53.05)-G081919	8/19/2019	GW	19081615-06A	FS	36
19081615	MW-27(75.4)	ATR-MW27(75.4)-G081919	8/19/2019	GW	19081615-07A	FS	36
19081615	MW-56(50)	ATR-MW56(51)-G082119	8/21/2019	GW	19081615-16A	FS	36
19081615	MW-84(44)	ATR-MW84(44)-G081919	8/19/2019	GW	19081615-02A	FS	36
19081615	MW-84(65)	ATR-MW84(68)-G081919	8/19/2019	GW	19081615-01A	FS	36

TABLE 1 - SAMPLE AND ANALYSIS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Location	Field Sample ID	Sample Date	Matrix	Lab Sample ID	Method SW8260C	
						Sample Type	Count
19081615	MW-89(28)	ATR-MW89(28)-G082119	8/21/2019	GW	19081615-17A	FS	36
19081615	MW-9B	ATR-MW9B-G081919	8/19/2019	GW	19081615-05A	FS	36
19081615	MW-9C	ATR-MW9C-G081919	8/19/2019	GW	19081615-04A	FS	36
19081615	QC	ATR-EB001-082019	8/20/2019	BW	19081615-15A	EB	36
19081615	QC	ATR-TB001-082119	8/21/2019	BW	19081615-18A	TB	36
19081622	OW-01(39)	ATR-OW1(39)-G082119	8/21/2019	GW	19081622-01A	FS	36
19081622	OW-02(33)	ATR-OW2(33)-G082119	8/21/2019	GW	19081622-02A	FS	36
19081622	OW-02(53)	ATR-OW2(53)-G082119	8/21/2019	GW	19081622-03A	FS	36
19081622	OW-03(35)	ATR-OW3(35)-G082119	8/21/2019	GW	19081622-04A	FS	36
19081622	OW-03(55)	ATR-OW3(55)-G082119	8/21/2019	GW	19081622-05A	FS	36
19081622	OW-04(35)	ATR-OW4(35)-G082119	8/21/2019	GW	19081622-06A	FS	36
19081622	OW-04(54)	ATR-OW4(54)-G082119	8/21/2019	GW	19081622-07A	FS	36
19081622	OW-05(16)	ATR-OW5(16)-G082119	8/21/2019	GW	19081622-08A	FS	36
19081622	OW-05(35)	ATR-OW5(35)-G082119	8/21/2019	GW	19081622-09A	FS	36
19081622	OW-05(54)	ATR-OW5(44)-G082119	8/21/2019	GW	19081622-10A	FS	36
19081622	OW-06(38)	ATR-OW6(37)-G082119	8/21/2019	GW	19081622-11A	FS	36
19081622	OW-06(63)	ATR-OW6(63)-G082119	8/21/2019	GW	19081622-12A	FS	36
19081622	OW-06(63)	ATR-OW6(63)-G082119R	8/21/2019	GW	19081622-13A	FD	36
19081622	QC	ATR-TB002-082119	8/21/2019	BW	19081622-14A	TB	36
19081711	MW-3	ATR-MW3-G082219	8/22/2019	GW	19081711-04A	FS	36
19081711	MW-52(148)	ATR-MW52 (148)-G082219	8/22/2019	GW	19081711-02A	FS	36
19081711	MW-52(55)	ATR-MW52(55)-G082219	8/22/2019	GW	19081711-03A	FS	36
19081711	MW-60(38)	ATR-MW60 (38)-G082219	8/22/2019	GW	19081711-05A	FS	36
19081711	MW-65(32)	ATR-MW65 (32)-G082219	8/22/2019	GW	19081711-12A	FS	36
19081711	MW-67(30)	ATR-MW67 (30)-G082219	8/22/2019	GW	19081711-11A	FS	36
19081711	MW-71(33)	ATR-MW71(33)-G082219	8/22/2019	GW	19081711-01A	FS	36
19081711	MW-75(32)	ATR-MW75 (30)-G082219	8/22/2019	GW	19081711-13A	FS	36
19081711	MW-76(30)	ATR-MW76 (30)-G082219	8/22/2019	GW	19081711-07A	FS	36
19081711	MW-77(41)	ATR-MW77 (41)-G082219	8/22/2019	GW	19081711-09A	FS	36
19081711	MW-78(35)	ATR-MW78 (35)-G082219	8/22/2019	GW	19081711-10A	FS	36
19081711	MW-79(30)	ATR-MW79 (30)-G082219	8/22/2019	GW	19081711-08A	FS	36
19081711	QC	ATR-EB001-G082219	8/22/2019	BW	19081711-06A	EB	36
19081711	QC	ATR-FB001-G082219	8/22/2019	BW	19081711-14A	FB	36
19081718	MW-59(29)	ATR-MW59 (29)-G082219	8/22/2019	GW	19081718-04A	FS	36
19081718	MW-59(29)	ATR-MW59 (29)-G082219R	8/22/2019	GW	19081718-05A	FD	36
19081718	MW-59(46)	ATR-MW59 (46)-G082219	8/22/2019	GW	19081718-03A	FS	36
19081718	MW-68(32)	ATR-MW68 (32)-G082219	8/22/2019	GW	19081718-01A	FS	36
19081718	MW-72(32)	ATR-MW72 (32)-G082219	8/22/2019	GW	19081718-02A	FS	36
19081718	MW-81(27)	ATR-MW81 (27)-G082219	8/21/2019	GW	19081718-06A	FS	36

Notes:

BW = blank water

EB = equipment blank

TABLE 1 - SAMPLE AND ANALYSIS SUMMARY
 DATA VALIDATION REPORT
 AUGUST 2019 GROUNDWATER SAMPLING
 TEXTRON FORMER TORX FACILITY
 ROCHESTER, INDIANA

SDG	Location	Field Sample ID	Sample Date	Matrix	Lab Sample ID	Sample Type	Count
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Method SW8260C

FD = field duplicate
 FS = field sample
 GW = groundwater
 TB = trip blank

**TABLE 2 - QC LIMITS
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA**

PARAMETER	QC TEST	ANALYTE	WATER (%)	WATER RPD
Volatiles	Surrogate	All Surrogates(1) All Target	85 - 115	
	LCS	Compounds All Target	70 - 130	
	MS/MSD	Compounds All Target	70 - 130	20(2)
	Field Duplicates	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 \pm SQL value. For solid media (soil and sediment) use \pm 2X SQL value.

(3) Both results are > 5X the SQL. For aqueous results < 5X the SQL use \pm 1.5X SQL value. For solid media (soil and sediment) use \pm 2.5X SQL value.

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Analysis Method	Lab Sample Id	Sample Date	Field Sample Id	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
19081137	SW8260C	19081137-31A	8/14/2019	ATR-MW29 (103.3)-G081419	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081137	SW8260C	19081137-29A	8/14/2019	ATR-MW29 (132)-G081419	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081137	SW8260C	19081137-30A	8/14/2019	ATR-MW29 (82.5)-G081419	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081137	SW8260C	19081137-03A	8/13/2019	ATR-MW37 (98)- G081319	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	1,1,1-Trichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	1,1,2,2-Tetrachloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	1,1,2-Trichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	1,1-Dichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	1,1-Dichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	1,2-Dichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	1,2-Dichloropropane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	2-Butanone	5	U	5	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	2-Hexanone	5	U	5	UJ	MSL, SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	4-Methyl-2-pentanone	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Acetone	10	U	10	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Benzene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Bromodichloromethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Bromoform	1	U	1	UJ	MSL, SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Bromomethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Carbon disulfide	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Carbon tetrachloride	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Chlorobenzene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Chloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Chloroform	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Chloromethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	cis-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	cis-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Dibromochloromethane	1	U	1	UJ	MSL, SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Ethylbenzene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Methylene chloride	5	U	5	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Styrene	1	U	1	UJ	SSL	UG/L

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Analysis Method	Lab Sample Id	Sample Date	Field Sample Id	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Tetrachloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Toluene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	trans-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	trans-1,3-Dichloropropene	1	U	1	UJ	MSSL, SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Trichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Vinyl chloride	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Xylene, o	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Xylenes (m&p)	2	U	2	UJ	SSL	UG/L
19081137	SW8260C	19081137-06A	8/13/2019	ATR-MW39 (13)- G081319	Xylenes, Total	3	U	3	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	1,1,1-Trichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	1,1,2,2-Tetrachloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	1,1,2-Trichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	1,1-Dichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	1,1-Dichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	1,2-Dichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	1,2-Dichloropropane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	2-Butanone	5	U	5	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	2-Hexanone	5	U	5	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	4-Methyl-2-pentanone	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Acetone	10	U	10	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Benzene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Bromodichloromethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Bromoform	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Bromomethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Carbon disulfide	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Carbon tetrachloride	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Chlorobenzene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Chloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Chloroform	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Chloromethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	cis-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Analysis Method	Lab Sample Id	Sample Date	Field Sample Id	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	cis-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Dibromochloromethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Ethylbenzene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Methylene chloride	5	U	5	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Styrene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Tetrachloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Toluene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	trans-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	trans-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Trichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Vinyl chloride	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Xylene, o	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Xylenes (m&p)	2	U	2	UJ	SSL	UG/L
19081137	SW8260C	19081137-05A	8/13/2019	ATR-MW39 (29.3)- G081319	Xylenes, Total	3	U	3	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	1,1,1-Trichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	1,1,2,2-Tetrachloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	1,1,2-Trichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	1,1-Dichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	1,1-Dichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	1,2-Dichloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	1,2-Dichloropropane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	2-Butanone	5	U	5	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	2-Hexanone	5	U	5	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	4-Methyl-2-pentanone	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Acetone	10	U	10	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Benzene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Bromodichloromethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Bromoform	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Bromomethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Carbon disulfide	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Carbon tetrachloride	1	U	1	UJ	SSL	UG/L

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
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SDG	Analysis Method	Lab Sample Id	Sample Date	Field Sample Id	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Chlorobenzene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Chloroethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Chloroform	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Chloromethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	cis-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	cis-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Dibromochloromethane	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Ethylbenzene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Methylene chloride	5	U	5	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Styrene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Tetrachloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Toluene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	trans-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	trans-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Trichloroethene	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Vinyl chloride	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Xylene, o	1	U	1	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Xylenes (m&p)	2	U	2	UJ	SSL	UG/L
19081137	SW8260C	19081137-04A	8/13/2019	ATR-MW39 (76.7)- G081319	Xylenes, Total	3	U	3	UJ	SSL	UG/L
19081137	SW8260C	19081137-28A	8/14/2019	ATR-MW50 (45)-G081419	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-05A	8/15/2019	ATR-MW1 - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-19A	8/16/2019	ATR-MW24 (55) - G081619	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-20A	8/16/2019	ATR-MW24 (55) - G081619R	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-04A	8/15/2019	ATR-MW30 (41.1) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-01A	8/15/2019	ATR-MW32 (110) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-03A	8/15/2019	ATR-MW32 (24.1) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-02A	8/15/2019	ATR-MW32 (89) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-10A	8/15/2019	ATR-MW34 (110) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-09A	8/15/2019	ATR-MW34 (37) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-08A	8/15/2019	ATR-MW34 (84) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-23A	8/16/2019	ATR-MW45 (185) - G081619	2-Hexanone	5	U	5	UJ	CCV%D	UG/L

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Analysis Method	Lab Sample Id	Sample Date	Field Sample Id	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
19081281	SW8260C	19081281-06A	8/15/2019	ATR-MW48 (159) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-07A	8/15/2019	ATR-MW48 (159) - G081519R	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-18A	8/16/2019	ATR-MW53 (41) - G081619	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-22A	8/16/2019	ATR-MW55 (49) - G081619	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-21A	8/16/2019	ATR-MW57 (38) - G081619	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-14A	8/16/2019	ATR-MW83 (64) - G081619	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-13A	8/15/2019	ATR-MW85 (130) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081281	SW8260C	19081281-12A	8/15/2019	ATR-MW85 (39) - G081519	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081608	SW8260C	19081608-08A	8/20/2019	ATR-MW15-G082019	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081608	SW8260C	19081608-10A	8/20/2019	ATR-MW25(32.6)-G082019	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081608	SW8260C	19081608-09A	8/20/2019	ATR-MW25(82)-G082019	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081608	SW8260C	19081608-03A	8/19/2019	ATR-MW26(17.5)-G081919	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081608	SW8260C	19081608-01A	8/19/2019	ATR-MW26(28.8)-G081919	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081608	SW8260C	19081608-02A	8/19/2019	ATR-MW26(58.2)-G081919	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081608	SW8260C	19081608-05A	8/19/2019	ATR-MW27(18)-G081919	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081608	SW8260C	19081608-06A	8/19/2019	ATR-MW27(18)-G081919R	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081615	SW8260C	19081615-03A	8/19/2019	ATR-MW16-G081919	Bromomethane	1	U	1	UJ	CCV%D	UG/L
19081615	SW8260C	19081615-03A	8/19/2019	ATR-MW16-G081919	Carbon disulfide	1	U	1	UJ	CCV%D	UG/L
19081615	SW8260C	19081615-03A	8/19/2019	ATR-MW16-G081919	Vinyl chloride	1	U	1	UJ	CCV%D	UG/L
19081622	SW8260C	19081622-01A	8/21/2019	ATR-OW1(39)-G082119	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081622	SW8260C	19081622-01A	8/21/2019	ATR-OW1(39)-G082119	Chloroethane	1	U	1	UJ	CCV%D	UG/L
19081622	SW8260C	19081622-12A	8/21/2019	ATR-OW6(63)-G082119	Acetone	19		19	U	BL2	UG/L
19081622	SW8260C	19081622-13A	8/21/2019	ATR-OW6(63)-G082119R	Acetone	19		19	U	BL2	UG/L
19081711	SW8260C	19081711-05A	8/22/2019	ATR-MW60 (38)-G082219	Vinyl chloride	430		430	J+	MSH	UG/L
19081711	SW8260C	19081711-01A	8/22/2019	ATR-MW71(33)-G082219	Carbon disulfide	1.2		1.2	J	LCSH, MSRPD	UG/L
19081718	SW8260C	19081718-04A	8/22/2019	ATR-MW59 (29)-G082219	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-04A	8/22/2019	ATR-MW59 (29)-G082219	4-Methyl-2-pentanone	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-04A	8/22/2019	ATR-MW59 (29)-G082219	Bromomethane	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-05A	8/22/2019	ATR-MW59 (29)-G082219R	2-Hexanone	5	U	5	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-05A	8/22/2019	ATR-MW59 (29)-G082219R	4-Methyl-2-pentanone	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-05A	8/22/2019	ATR-MW59 (29)-G082219R	Bromomethane	1	U	1	UJ	CCV%D	UG/L

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Analysis Method	Lab Sample Id	Sample Date	Field Sample Id	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
19081718	SW8260C	19081718-03A	8/22/2019	ATR-MW59 (46)-G082219	1,1,2,2-Tetrachloroethane	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-03A	8/22/2019	ATR-MW59 (46)-G082219	4-Methyl-2-pentanone	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-03A	8/22/2019	ATR-MW59 (46)-G082219	Bromomethane	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-01A	8/22/2019	ATR-MW68 (32)-G082219	1,1,2,2-Tetrachloroethane	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-01A	8/22/2019	ATR-MW68 (32)-G082219	4-Methyl-2-pentanone	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-01A	8/22/2019	ATR-MW68 (32)-G082219	Bromomethane	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-02A	8/22/2019	ATR-MW72 (32)-G082219	1,1,2,2-Tetrachloroethane	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-02A	8/22/2019	ATR-MW72 (32)-G082219	4-Methyl-2-pentanone	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-02A	8/22/2019	ATR-MW72 (32)-G082219	Bromomethane	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-06A	8/21/2019	ATR-MW81 (27)-G082219	1,1,2,2-Tetrachloroethane	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-06A	8/21/2019	ATR-MW81 (27)-G082219	4-Methyl-2-pentanone	1	U	1	UJ	CCV%D	UG/L
19081718	SW8260C	19081718-06A	8/21/2019	ATR-MW81 (27)-G082219	Bromomethane	1	U	1	UJ	CCV%D	UG/L

Notes:

BL2 = detected in trip blank

CCV%D = continuing calibration percent difference exceeds QC limit

FD = field duplicate precision goal not met

J = value is estimated

J+ = value is estimated biased high

LCSL = LCS recovery low

MSH = matrix spike recovery high

MSL = matrix spike recovery low

MSRPD = matrix spike relative percent difference

SSL = surrogate standard recovery low

U = not detected, value is the detection limit

UG/L = microgram per liter

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081137		19081137		19081137		19081137	
Location:			MW-29(103.3)		MW-29(132.8)		MW-29(82.5)		MW-31(139.2)	
Date Collected:			08/14/19		08/14/19		08/14/19		08/14/19	
Field Sample ID:			ATR-MW29 (103.3)-G081419		ATR-MW29 (132)-G081419		ATR-MW29 (82.5)-G081419		ATR-MW31 (139.2)- G081419	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	UJ	1	UJ	1	UJ	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081137		19081137		19081137		19081137	
Location:			MW-31(30.9)		MW-31(55.5)		MW-31(98.5)		MW-31(98.5)	
Date Collected:			08/14/19		08/14/19		08/14/19		08/14/19	
Field Sample ID:			ATR-MW31 (30.9)-G081419		ATR-MW31 (55.5)-G081419		ATR-MW31 (98.5)-G081419		ATR-MW31 (98.5)-G081419R	
Type:			FS		FS		FS		FD	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	3		3	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081137		19081137		19081137		19081137	
Location:			MW-35(148)		MW-35(45)		MW-35(90)		MW-36(124.5)	
Date Collected:			08/14/19		08/14/19		08/14/19		08/13/19	
Field Sample ID:			ATR-MW35 (148)- G081419		ATR-MW35 (45)- G081419		ATR-MW35 (90)- G081419		ATR-MW36 (124.5)- G081319	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	2.3		1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081137		19081137		19081137		19081137	
Location:			MW-36(35.2)		MW-36(92.4)		MW-37(23.3)		MW-37(70)	
Date Collected:			08/13/19		08/13/19		08/13/19		08/13/19	
Field Sample ID:			ATR-MW36 (35.2)- G081319		ATR-MW36 (92.4)- G081319		ATR-MW37 (23.3)- G081319		ATR-MW37 (70)- G081319	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081137		19081137		19081137		19081137	
Location:			MW-37(98)		MW-38(102.5)		MW-38(20.8)		MW-38(29.1)	
Date Collected:			08/13/19		08/13/19		08/13/19		08/13/19	
Field Sample ID:			ATR-MW37 (98)- G081319		ATR-MW38 (102.5)- G081319		ATR-MW38 (20.8)- G081319		ATR-MW38 (29.1)- G081319	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

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J = value is estimated

UG/L = microgram per liter

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FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081137	19081137	19081137	19081137		
Location:			MW-38(69.9)	MW-38(69.9)	MW-39(13)	MW-39(29.3)		
Date Collected:			08/13/19	08/13/19	08/13/19	08/13/19		
Field Sample ID:			ATR-MW38 (69.9)- G081319	ATR-MW38 (69.9)- G081319R	ATR-MW39 (13)- G081319	ATR-MW39 (29.3)- G081319		
Type:			FS	FD	FS	FS		
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	UJ
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	UJ
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	UJ
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	UJ
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	UJ
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	UJ
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	UJ
SW8260C	UG/L	2-Butanone	5	U	5	U	5	UJ
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	UJ
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	UJ
SW8260C	UG/L	Benzene	1	U	1	U	1	UJ
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	UJ
SW8260C	UG/L	Bromoform	1	U	1	U	1	UJ
SW8260C	UG/L	Bromomethane	1	U	1	U	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	UJ
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	UJ
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	UJ
SW8260C	UG/L	Chloroethane	1	U	1	U	1	UJ
SW8260C	UG/L	Chloroform	1	U	1	U	1	UJ
SW8260C	UG/L	Chloromethane	1	U	1	U	1	UJ
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	UJ
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	UJ
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	UJ
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	UJ
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	UJ
SW8260C	UG/L	Styrene	1	U	1	U	1	UJ
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	UJ
SW8260C	UG/L	Toluene	1	U	1	U	1	UJ
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	UJ
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	UJ
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	UJ
SW8260C	UG/L	Vinyl chloride	2.4		3		1	UJ
SW8260C	UG/L	Xylene, o	1	U	1	U	1	UJ
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	UJ
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	UJ

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081137		19081137		19081137		19081137	
Location:			MW-39(76.8)		MW-50(45)		MW-50(80)		MW-51(25)	
Date Collected:			08/13/19		08/14/19		08/14/19		08/14/19	
Field Sample ID:			ATR-MW39 (76.7)- G081319		ATR-MW50 (45)-G081419		ATR-MW50 (80)-G081419		ATR-MW51 (25)-G081419	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	UJ	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	UJ	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	UJ	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	UJ	1	UJ	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	UJ	1.4		1.2		1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	UJ	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	UJ	1.3		1	U	1	U
SW8260C	UG/L	Xylene, o	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	UJ	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	UJ	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081137		19081137		19081137		19081137	
Location:			MW-51(70)		QC		QC		QC	
Date Collected:			08/14/19		08/13/19		08/14/19		08/14/19	
Field Sample ID:			ATR-MW51 (70)-G081419		ATR-EB001-081319		ATR-TB001-081419		ATR-EB001-081419	
Type:			FS		EB		TB		EB	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1.2		1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081281		19081281		19081281		19081281	
Location:			MW-1		MW-19(53)		MW-24(55.9)		MW-24(55.9)	
Date Collected:			08/15/19		08/16/19		08/16/19		08/16/19	
Field Sample ID:			ATR-MW1 - G081519		ATR-MW19 (53) - G081619		ATR-MW24 (55) - G081619		ATR-MW24 (55) - G081619R	
Type:			FS		FS		FS		FD	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	UJ	5	UJ
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	2.1		1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1.6		1.1		2.4		1.3	
SW8260C	UG/L	cis-1,2-Dichloroethene	1		24		1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	23		1.4		1.2	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081281		19081281		19081281		19081281	
Location:			MW-30(41.1)		MW-32(110)		MW-32(24.1)		MW-32(89)	
Date Collected:			08/15/19		08/15/19		08/15/19		08/15/19	
Field Sample ID:			ATR-MW30 (41.1) - G081519		ATR-MW32 (110) - G081519		ATR-MW32 (24.1) - G081519		ATR-MW32 (89) - G081519	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	110		1	U	1.5		1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	2.5		1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	42		1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	2.6		1	U	1	U	14	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

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UG/L = microgram per liter

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TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081281		19081281		19081281		19081281	
Location:			MW-34(110)		MW-34(37)		MW-34(85)		MW-45(185)	
Date Collected:			08/15/19		08/15/19		08/15/19		08/16/19	
Field Sample ID:			ATR-MW34 (110) - G081519		ATR-MW34 (37) - G081519		ATR-MW34 (84) - G081519		ATR-MW45 (185) - G081619	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	UJ
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	UJ	1	UJ	1	UJ	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1.7		1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	7		1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1.1		1	U	20		1	U
SW8260C	UG/L	Vinyl chloride	1.2		1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
 DATA VALIDATION REPORT
 AUGUST 2019 GROUNDWATER SAMPLING
 TEXTRON FORMER TORX FACILITY
 ROCHESTER, INDIANA

SDG:			19081281		19081281		19081281		19081281	
Location:			MW-48(159)		MW-48(159)		MW-53(41)		MW-55(49)	
Date Collected:			08/15/19		08/15/19		08/16/19		08/16/19	
Field Sample ID:			ATR-MW48 (159) - G081519		ATR-MW48 (159) - G081519R		ATR-MW53 (41) - G081619		ATR-MW55 (49) - G081619	
Type:			FS		FD		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	UJ
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	UJ	1	UJ	1	UJ	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1.7	
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1.9	
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081281		19081281		19081281		19081281	
Location:			MW-57(38)		MW-62(36)		MW-83(64)		MW-85(130)	
Date Collected:			08/16/19		08/16/19		08/16/19		08/15/19	
Field Sample ID:			ATR-MW57 (38) - G081619		ATR-MW62 (36)-G081619		ATR-MW83 (64) - G081619		ATR-MW85 (130) - G081519	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	UJ	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	UJ	1	UJ
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1.8		1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	8.3		1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	5.3		1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1.2		1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081281		19081281		19081281		19081281	
Location:			MW-85(39)		QC		QC		QC	
Date Collected:			08/15/19		08/15/19		08/16/19		08/16/19	
Field Sample ID:			ATR-MW85 (39) - G081519		ATR-EB001 - 081519		Trip Blank		ATR-EB001 - 081619	
Type:			FS		EB		TB		EB	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081608		19081608		19081608		19081608	
Location:			MW-14		MW-15		MW-17		MW-20(51)	
Date Collected:			08/20/19		08/20/19		08/20/19		08/20/19	
Field Sample ID:			ATR-MW14-G082019		ATR-MW15-G082019		ATR-MW17-G082019		ATR-MW20(51)-G082019	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	17		5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	UJ	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1.5		1	U	20		1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	39		1	U
SW8260C	UG/L	Vinyl chloride	1.1		1	U	1.6		1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

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FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081608	19081608	19081608	19081608				
Location:			MW-25(16.4)	MW-25(32.6)	MW-25(82)	MW-26(17.5)				
Date Collected:			08/20/19	08/20/19	08/20/19	08/19/19				
Field Sample ID:			ATR-MW25(16.4)-G082019	ATR-MW25(32.6)-G082019	ATR-MW25(82)-G082019	ATR-MW26(17.5)-G081919				
Type:			FS	FS	FS	FS				
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	UJ	5	UJ	5	UJ
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1.5		1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	3.6		1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

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J = value is estimated

UG/L = microgram per liter

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FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081608		19081608		19081608		19081608	
Location:			MW-26(28.8)		MW-26(58.8)		MW-27(18)		MW-27(18)	
Date Collected:			08/19/19		08/19/19		08/19/19		08/19/19	
Field Sample ID:			ATR-MW26(28.8)-G081919		ATR-MW26(58.2)-G081919		ATR-MW27(18)-G081919		ATR-MW27(18)-G081919R	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	UJ	5	UJ	5	UJ	5	UJ
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1.9		1	U	1	U	1.3	
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1.1		1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

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FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081608		19081608		19081608		19081608	
Location:			MW-6C		MW-82(58)		QC		QC	
Date Collected:			08/21/19		08/20/19		08/19/19		08/21/19	
Field Sample ID:			ATR-MW6C-G082119		ATR-MW82(58)-G082019		ATR-EB001-081919		ATR-TR003-082119	
Type:			FS		FS		EB		TB	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1.5		1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	4		1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	2.3		1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081608		19081615		19081615		19081615	
Location:			QC		MW-11		MW-12		MW-13	
Date Collected:			08/21/19		08/20/19		08/20/19		08/20/19	
Field Sample ID:			ATR-EB001-082119		ATR-MW11-G082019		ATR-MW12-G082019		ATR-MW13-G082019	
Type:			EB		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1.6		1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

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TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081615		19081615		19081615		19081615	
Location:			MW-16		MW-20(124)		MW-20(155)		MW-20(35)	
Date Collected:			08/19/19		08/20/19		08/20/19		08/20/19	
Field Sample ID:			ATR-MW16-G081919		ATR-MW20(124)-G082019		ATR-MW20(155)-G082019		ATR-MW20(35)-G082019	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081615		19081615		19081615		19081615	
Location:			MW-27(104.2)		MW-27(53.05)		MW-27(75.4)		MW-56(50)	
Date Collected:			08/19/19		08/19/19		08/19/19		08/21/19	
Field Sample ID:			ATR-MW27(104.2)-G081919		ATR-MW27(53.05)-G081919		ATR-MW27(75.4)-G081919		ATR-MW56(51)-G082119	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1.1		1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	2.9		1.7	
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	3.9		7.8		1	U
SW8260C	UG/L	Vinyl chloride	2		1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081615		19081615		19081615		19081615	
Location:			MW-84(44)		MW-84(65)		MW-89(28)		MW-9B	
Date Collected:			08/19/19		08/19/19		08/21/19		08/19/19	
Field Sample ID:			ATR-MW84(44)-G081919		ATR-MW84(68)-G081919		ATR-MW89(28)-G082119		ATR-MW9B-G081919	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	3.6		1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	2.6		1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	35		1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

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UG/L = microgram per liter

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TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081615		19081615		19081615		19081622	
Location:			MW-9C		QC		QC		OW-01(39)	
Date Collected:			08/19/19		08/20/19		08/21/19		08/21/19	
Field Sample ID:			ATR-MW9C-G081919		ATR-EB001-082019		ATR-TB001-082119		ATR-OW1(39)-G082119	
Type:			FS		EB		TB		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	UJ
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081622	19081622	19081622	19081622				
Location:			OW-02(33)	OW-02(53)	OW-03(35)	OW-03(55)				
Date Collected:			08/21/19	08/21/19	08/21/19	08/21/19				
Field Sample ID:			ATR-OW2(33)-G082119	ATR-OW2(53)-G082119	ATR-OW3(35)-G082119	ATR-OW3(55)-G082119				
Type:			FS	FS	FS	FS				
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	7	
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081622		19081622		19081622		19081622	
Location:			OW-04(35)		OW-04(54)		OW-05(16)		OW-05(35)	
Date Collected:			08/21/19		08/21/19		08/21/19		08/21/19	
Field Sample ID:			ATR-OW4(35)-G082119		ATR-OW4(54)-G082119		ATR-OW5(16)-G082119		ATR-OW5(35)-G082119	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

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J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081622	19081622	19081622	19081622				
Location:			OW-05(54)	OW-06(38)	OW-06(63)	OW-06(63)				
Date Collected:			08/21/19	08/21/19	08/21/19	08/21/19				
Field Sample ID:			ATR-OW5(44)-G082119	ATR-OW6(37)-G082119	ATR-OW6(63)-G082119	ATR-OW6(63)-G082119R				
Type:			FS	FS	FS	FD				
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	55		57	
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	19	U	19	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

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J = value is estimated

UG/L = microgram per liter

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FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081622	19081711	19081711	19081711				
Location:			QC	MW-3	MW-52(148)	MW-52(55)				
Date Collected:			08/21/19	08/22/19	08/22/19	08/22/19				
Field Sample ID:			ATR-TB002-082119	ATR-MW3-G082219	ATR-MW52 (148)-G082219	ATR-MW52(55)-G082219				
Type:			TB	FS	FS	FS				
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	11		10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	3.4		1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

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UG/L = microgram per liter

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FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081711		19081711		19081711		19081711	
Location:			MW-60(38)		MW-65(32)		MW-67(30)		MW-71(33)	
Date Collected:			08/22/19		08/22/19		08/22/19		08/22/19	
Field Sample ID:			ATR-MW60 (38)-G082219		ATR-MW65 (32)-G082219		ATR-MW67 (30)-G082219		ATR-MW71(33)-G082219	
Type:			FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	3		1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5.3	
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	20		16	
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1.2	J
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	420		1	U	2.6		2	
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1.6		1.6	
SW8260C	UG/L	trans-1,2-Dichloroethene	2.4		1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	430	J+	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

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FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081711	19081711	19081711	19081711				
Location:			MW-75(32)	MW-76(30)	MW-77(41)	MW-78(35)				
Date Collected:			08/22/19	08/22/19	08/22/19	08/22/19				
Field Sample ID:			ATR-MW75 (30)-G082219	ATR-MW76 (30)-G082219	ATR-MW77 (41)-G082219	ATR-MW78 (35)-G082219				
Type:			FS	FS	FS	FS				
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	17		10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	46		1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	2.2		1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	350		1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit

J = value is estimated

UG/L = microgram per liter

FS = Field Sample

FD = Field Duplicate

TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081711		19081711		19081711		19081718	
Location:			MW-79(30)		QC		QC		MW-59(29)	
Date Collected:			08/22/19		08/22/19		08/22/19		08/22/19	
Field Sample ID:			ATR-MW79 (30)-G082219		ATR-EB001-G082219		ATR-FB001-G082219		ATR-MW59 (29)-G082219	
Type:			FS		EB		FB		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	UJ
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	2.9	
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	2.7	
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	3.1	
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1.2	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	2.6	
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	4.5	
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	7	

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TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG:			19081718		19081718		19081718		19081718	
Location:			MW-59(29)		MW-59(46)		MW-68(32)		MW-72(32)	
Date Collected:			08/22/19		08/22/19		08/22/19		08/22/19	
Field Sample ID:			ATR-MW59 (29)-G082219R		ATR-MW59 (46)-G082219		ATR-MW68 (32)-G082219		ATR-MW72 (32)-G082219	
Type:			FD		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	41		1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	9		44	
SW8260C	UG/L	2-Hexanone	5	UJ	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	12		66	
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	2.2		1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1.1		1200		12		1.3	
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	2.7		4.6		1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	3.1		3.9		1.4		2.4	
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	16		1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1.3		1600		44		1.9	
SW8260C	UG/L	Xylene, o	2.5		3.8		1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	4.4		3.7		2	U	2	U
SW8260C	UG/L	Xylenes, Total	6.9		7.5		3	U	3	U

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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
AUGUST 2019 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	19081718
		Location:	MW-81(27)
		Date Collected:	08/21/19
		Field Sample ID:	ATR-MW81 (27)-G082219
		Type:	FS
Method	Unit	Parameter	Final Result Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1 U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1 UJ
SW8260C	UG/L	1,1,2-Trichloroethane	1 U
SW8260C	UG/L	1,1-Dichloroethane	1 U
SW8260C	UG/L	1,1-Dichloroethene	1 U
SW8260C	UG/L	1,2-Dichloroethane	1 U
SW8260C	UG/L	1,2-Dichloropropane	1 U
SW8260C	UG/L	2-Butanone	5 U
SW8260C	UG/L	2-Hexanone	5 U
SW8260C	UG/L	4-Methyl-2-pentanone	1 UJ
SW8260C	UG/L	Acetone	10 U
SW8260C	UG/L	Benzene	1 U
SW8260C	UG/L	Bromodichloromethane	1 U
SW8260C	UG/L	Bromoform	1 U
SW8260C	UG/L	Bromomethane	1 UJ
SW8260C	UG/L	Carbon disulfide	1 U
SW8260C	UG/L	Carbon tetrachloride	1 U
SW8260C	UG/L	Chlorobenzene	1 U
SW8260C	UG/L	Chloroethane	1 U
SW8260C	UG/L	Chloroform	1 U
SW8260C	UG/L	Chloromethane	1 U
SW8260C	UG/L	cis-1,2-Dichloroethene	1 U
SW8260C	UG/L	cis-1,3-Dichloropropene	1 U
SW8260C	UG/L	Dibromochloromethane	1 U
SW8260C	UG/L	Ethylbenzene	1.4
SW8260C	UG/L	Methylene chloride	5 U
SW8260C	UG/L	Styrene	1 U
SW8260C	UG/L	Tetrachloroethene	1 U
SW8260C	UG/L	Toluene	7.8
SW8260C	UG/L	trans-1,2-Dichloroethene	1 U
SW8260C	UG/L	trans-1,3-Dichloropropene	1 U
SW8260C	UG/L	Trichloroethene	1 U
SW8260C	UG/L	Vinyl chloride	1 U
SW8260C	UG/L	Xylene, o	1.2
SW8260C	UG/L	Xylenes (m&p)	2.4
SW8260C	UG/L	Xylenes, Total	3.7

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