October 2, 2023

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

Subject: Report of 2023 Annual Groundwater Monitoring - TORX Facility
4366 North Old US Highway 31, Rochester, Indiana
Facility Cleanup ID 7100149

Dear Mr. Keller:

Enclosed is the Report of 2023 Annual Groundwater Monitoring performed at the TORX facility located in Rochester, Indiana, prepared by WSP USA Environment & Infrastructure, Inc. (WSP). WSP completed the annual groundwater monitoring at the TORX facility in August 2023. The report presents the results of the groundwater monitoring performed in accordance with our Remediation Completion Report dated 7 September 2021.

Based upon the results of the 2023 annual groundwater monitoring event, the existing monitoring well network continues to provide an adequate definition of the VOC plume at the Site. It should be noted that all occupied properties with exceedances of IDEM criteria are connected to a municipal water source supplied by the South Richland Conservancy District and each property has a recorded covenant that prohibits groundwater use. Based on the results of the 2023 annual groundwater monitoring these ERCs should remain. The next annual groundwater monitoring event is planned for third quarter 2024. If you have any questions or comments following your review of this correspondence, please call our office at 937-859-3600.

Sincerely,
WSP USA Environment & Infrastructure Inc.

Paul J. Stork
Project Manager

K. Joe Deatherage, PE
Lead Consultant – Environmental Engineer

Enclosure

cc: Jamison Schiff, Textron, Inc.

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REPORT OF
2023 ANNUAL GROUNDWATER MONITORING

TORX FACILITY
ROCHESTER, INDIANA

Prepared for:

Textron, Inc.

Prepared by:

WSP USA Environment and Infrastructure, Inc.
Miamisburg, Ohio

October 2023

Project No.: 7775.23.2012

IMPORTANT NOTICE

This report was prepared exclusively for Textron, Inc. by WSP USA Environment and Infrastructure Inc. The quality of information, conclusions and estimates contained herein is consistent with the level of effort involved in WSP USA'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 WSP USA. Any other use of, or reliance on, this report by any third party is at that party's sole risk.

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ACRONYMS

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

1.0 Introduction

WSP USA Environment and Infrastructure Inc. (WSP) has prepared this report to document the results of the annual groundwater monitoring event conducted in August 2023 at and in the vicinity of the former TORX Facility (owned by Acument) located at 4366 North Old US Highway 31 in Rochester, Indiana (Site). A Site location map is presented as **Figure 1**.

1.1 Remediation Background

Remediation of chlorinated volatile organic compounds (CVOCs) in groundwater in general accordance with the June 2014 Remediation Work Plan (RWP) included in-situ chemical reduction and enhanced reductive dechlorination (ERD) technologies using various types of hydrogen release compounds and zero valent iron. 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 (PCE)
- Vinyl chloride

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

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

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

As part of continued annual groundwater monitoring, in 2023 a subset of 46 monitoring wells were sampled for volatile organic compounds (VOCs). Details of the monitoring well selection are provided in Section 2.1. A summary of the past remediation activities and groundwater monitoring conducted at the Site are provided in previously submitted reports on file with IDEM.

1.2 Annual Groundwater Monitoring Objectives

The objectives of the annual groundwater monitoring include; an evaluation of flow direction in the groundwater units (shallow, intermediate, and deep), an assessment of the concentrations of CVOCs in groundwater from a subset of monitoring wells, and identification of any significant changes since the 2022 annual groundwater monitoring event. In addition to fulfilling these objectives, the groundwater monitoring results provide data for use in evaluating the continued need for the ERCs that are in place following completion of RWP activities.

1.3 Scope of Work

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

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

2.0 Annual Groundwater Monitoring

2.1 Monitoring Well Network

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

2.2 Groundwater Elevations and Flow

On 14 August 2023, prior to commencing groundwater monitoring, the depth to groundwater was gauged in the monitoring well network listed in **Table 2**. Groundwater elevations were calculated using the top of monitoring well casing elevations previously determined by a registered surveyor.

Using the calculated water elevations for 14 August 2023, groundwater contour maps were prepared for the shallow overburden wells (**Figure 3**), intermediate depth overburden wells (**Figure 4**), and deep overburden wells (**Figure 5**). The list of monitoring wells used for groundwater contour mapping is consistent with **Table 2**, with the following exceptions:

- Monitoring well MW-1 was inaccessible due to a fallen tree and therefore was not gauged.
- The depth to water measurement taken at MW-83(64) is considered a suspect measurement and was not used for groundwater contouring.

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

- Shallow overburden - In the shallow overburden zone groundwater flow is predominantly south-southeast.
- Intermediate overburden – In the intermediate overburden zone, groundwater flow is predominantly south-southeast. The groundwater flow in the northern portion of the study area in the vicinity of the former Acument facility and MW-19(55 appears to flow west.
- Deep overburden - In the deep overburden zone, groundwater flow is predominantly southward.

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

2.3 Groundwater Monitoring Procedures

Between 14 August 2023 and 17 August 2023, groundwater samples were collected from 46 monitoring wells screened in the overburden aquifer that comprise the annual groundwater monitoring well network identified in **Table 1**. Monitoring well MW-1 was inaccessible due to a fallen tree and therefore a groundwater sample was not collected. Copies of all sample collection forms are presented in **Appendix A**.

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

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

Groundwater samples were collected into laboratory-supplied, pre-preserved vials and labeled with the sampling information. Quality control samples including replicate samples, equipment blanks, and trip blanks were also submitted. 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 8260C.

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

3.0 Laboratory Analyses

The VOC analyses were completed by ALS Environmental laboratory. The VOC concentrations in the source area wells have generally decreased relative to the 2022 monitoring event while a few wells have increased VOC concentrations relative to the 2022 monitoring event. The results of the VOC analyses are summarized in **Table 3**, and the laboratory report is included in **Appendix B**. **Figure 6** shows VOC concentrations detected in the groundwater samples collected during the August 2023 groundwater monitoring event. The following subsections summarize the results of the analyses.

3.1 VOCs in the Overburden Aquifer

The following VOCs, which were previously identified as chemicals of concern at the Site, were detected at concentrations greater than corresponding USEPA Maximum Contaminant Levels (MCLs) and IDEM Remediation Closure Guide (RCG) Appendix A, Residential Screening Levels (RSLs) in one or more of the August 2023 groundwater samples collected from the overburden monitoring wells.

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

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

- TCE: 15 micrograms per liter (µg/L) in sample MW-34(85), down from the 2022 maximum of 16 µg/L in sample MW-34(85).
- 1,1-DCE: 50 µg/L in sample MW-59(46), up from the 2022 maximum of 20 µg/L in sample MW-59(46).
- Cis-1,2-DCE: 2,600 µg/L in sample MW-59(46), up from the 2022 maximum of 560 µg/L in sample MW-59(46).
- Vinyl chloride: 550 µg/L in sample MW-59(46), up from the 2022 maximum of 180 µg/L in sample MW-59(46).

There has been significant overall contamination reduction as a result of remediation activities. TCE was only detected above the USEPA MCL and IDEM RSL in the August 2023 in two

monitoring wells: MW-30(41.1) and MW-34(85), down from five monitoring wells in 2022. Trans-1,2-DCE and PCE were not detected above the MCL/RSL in the August 2023 samples. Similar to 2022 1,1-DCE was detected above the MCL/RSL in monitoring well MW-59(46) and cis-1,2 DCE was detected above the MCL/RSL in monitoring wells MW-59(46) and MW-60(38) in the August 2023 samples. The maximum vinyl chloride concentrations continue to be detected in the source area monitoring wells MW-59(46) and MW-60(38), west of the Acument site building and east of the Western Pond.

In general, contaminant concentrations have significantly decreased when compared to historical sampling events. The following observations are noted in the analytical results for groundwater samples collected in August 2023 relative to the prior annual sampling event:

- TCE at MW-17 at the downgradient treatment boundary has generally decreased since 2019 and is now below the MCL/RSL for the first time historically with a result below the laboratory detection limit. TCE in monitoring well MW-27(75.4) also located at the downgradient treatment boundary decreased from a concentration of 9.2 µg/L to below the laboratory detection limit in the August 2023 sample. The TCE concentration detected in MW-30(41.1) further downgradient also decreased to its historic low concentration, demonstrating the effects from the CVOC reduction within the treatment area over the last five 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 since the initial sampling of this well in 2009. TCE decreased in 2023 in source area well MW-59(46) from a concentration of 10 µg/L to below the MCL/RSL at a concentration of 3.6 µg/L.
- Cis-1,2-DCE concentrations remained relatively stable and well below the MCL/RSL of 70 µg/L in source area wells MW-67(30) and MW-71(33). Additionally, Cis-1,2-DCE concentrations increased in source area wells MW-59(46) (2,600 µg/L), potentially associated with the corresponding reduction of TCE, and MW-60(38) (190 µg/L) but still remain well below historical highs. Cis-1,2-DCE is at a historic low below criteria in MW-17 at the downgradient treatment boundary. Cis-1,2-DCE concentrations remained stable and well below criteria in upgradient well MW-19(53) and in downgradient well MW-25(82). Cis-1,2-DCE was not detected for the second year in a row in downgradient well MW-32(24.1). Cis-1,2-DCE was not detected above the laboratory reporting limits in well MW-52(55) and MW-27(104.2). Cis-1,2-DCE concentrations remain below criteria at monitoring wells MW-30(41.1), MW-57(38) and MW-27(75.4). In 2022 Cis-1,2-DCE was not detected above the laboratory reporting limits in wells MW-3 and MW-34(85) but was detected at concentrations below criteria during the 2023 sampling event.

- Trans-1,2-DCE was detected below the MCL/RSL in source area wells MW-59(46) (39 µg/L) and MW-60(38) (1.6 µg/L)

- 1,1-DCE was detected below the MCL/RSL in source area wells MW-59(46) (50 µg/L) and MW-60(38) (1.6 µg/L)

- Vinyl chloride increased in downgradient well MW-17 from 1.7 µg/L to 6.2 µg/L. Vinyl chloride increased in source area monitoring wells MW-3, MW-60(38) and MW-59(46) and remained above the MCL/RSL. Vinyl chloride decreased in downgradient monitoring wells MW-31(98.5), MW-38(69.9) and MW-48(159) to below the laboratory reporting limits and remains below the MCL/RSL in MW-51(70). Vinyl chloride remained relatively stable at or slightly above the MCL/RSL in downgradient monitoring wells MW-25(82), MW-27(75.4) and MW-32(89). Vinyl chloride decreased and remains above criteria in MW-19(53) and MW-30(41.1), and increased slightly to above criteria in MW-35(90).

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 slightly above the MCL/RSL in the groundwater samples collected from sentinel well MW-35(90) (3.2 µg/L).

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

Groundwater samples collected from the intermediate and deep overburden sentinel wells [MW-29(103.3), MW-36(92.4), MW-37(98), MW-39(29.3)] and MW-50(80) did not contain chlorinated VOCs above the laboratory reporting limits. VOCs were detected above the reporting limits in groundwater samples collected form intermediate and deep overburden monitoring wells MW-59(46), MW-25(82), MW-27(75.4), MW-19(53), MW-32(89), MW-34(85), MW-35(90) and MW-51(70).

3.2 Quality Control Sample Results

The laboratory report is included in **Appendix B.** In accordance with the Quality Assurance Project Plan, one equipment blank was collected per day, one field replicate was collected per 20 groundwater samples collected, one matrix spike and matrix spike duplicate were run at a rate of one per 20 samples collected, and one trip blank for each cooler containing VOC samples was

submitted and analyzed for VOCs. VOCs were not detected in the equipment blanks or trip blank. A field blank was not collected during the sampling event and represents a deviation from the Quality Assurance Project Plan; however, since no VOCs were detected in the equipment blanks the decontamination rinse water is not considered to have contained 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.

4.0 Conclusions

Groundwater flow in the water-bearing units as determined based upon the 14 August 2023 depth to water measurements is generally consistent with previous monitoring events. The full-scale remedial actions have effectively reduced the contaminant mass in the source area and decreases in the VOC concentrations at down gradient monitoring locations have been observed. VOCs including cis-1,2-DCE, 1,1-DCE, TCE, and vinyl chloride were identified in groundwater at concentrations exceeding the USEPA MCLs and IDEM RCG RSLs. VOC concentrations, particularly for the degradation products cis-1,2-DCE and vinyl chloride, were highest in and immediately downgradient of the source area.

TCE is now below the MCL/RSL in remaining primary source area wells MW-59(46) and MW-60(38). The TCE results demonstrate that the parent compound has been significantly reduced. The vinyl chloride and cis-1,2-DCE results demonstrate that these degradation products have also been reduced significantly both in the source area and downgradient plume.

The leading edge of the groundwater contaminant plume with concentrations exceeding the MCL/RSL extended to MW-38(69.9) as recently as 2022 based on low detections of vinyl chloride in this well; however, in 2023 all CVOCs in MW-38(69.9) were below their laboratory reporting limit in both the primary sample and replicate sample. Therefore, the current leading edge of the contaminant plume now has been reduced to MW35(90), which is approximately 1,000 feet upgradient of MW-38, demonstrating that the remaining contaminant plume is stable to decreasing. Considering that all CVOCs in MW-17 at the downgradient treatment boundary are now below the MCL/RSL for the first time historically, it is anticipated that the leading edge of the contaminant plume will remain stable to decreasing.

Vinyl chloride was detected in intermediate overburden sentinel well MW-35(90) at a concentration of 3.2 µg/L, which is slightly exceeding the MCL/RSL of 2.0 µg/L, while remaining CVOCs in all sentinel wells was below the MCL/RSL. The lone exceedance is consistent with recent annual monitoring events and will continue to be evaluated during the 2024 annual groundwater monitoring.

Based upon the results of the 2023 annual groundwater monitoring event, the existing monitoring well network continues to provide an adequate definition of the VOC plume at the Site. It should be noted that all occupied properties with exceedances of IDEM criteria are connected to a municipal water source supplied by the South Richland Conservancy District and each property has a recorded covenant that prohibits groundwater use. Based on the results of the 2023 annual groundwater monitoring these ERCs should remain. The next annual groundwater monitoring event is planned for third quarter 2024.

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-32(24.1)	MW-50(45)
MW-3	MW-32(89)	MW-50(80)
MW-17	MW-34(37)	MW-51(25)
MW-19(53)	MW-34(85)	MW-51(70)
MW-20(51)	MW-35(45)	MW-52(55)
MW-25(82)	MW-35(90)	MW-57(38)
MW-27(18)	MW-36(35.2)	MW-59(46)
MW-27(53.05)	MW-36(92.4)	MW-60(38)
MW-27(75.4)	MW-37(23.3)	MW-67(30)
MW-27(104.2)	MW-37(70)	MW-71(33)
MW-27(135)	MW-37(98)	MW-84(44)
MW-29(82.5)	MW-38(20.8)	OW-6(38)
MW-29(103.3)	MW-38(29.1)	OW-6(63)
MW-30(41.1)	MW-38(69.9)	
MW-31(30.9)	MW-39(13)	
MW-31(55.5)	MW-39(29.3)	
MW-31(98.5)	MW-48(159)	

Prepared By: RLH
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	Date Measured	Top of Casing Elevation[1]	Depth to Water (btoc)[2]	Ground Water Elevation
Shallow Overburden Wells				
MW-1	08/14/23	840.48	NM	NM
MW-3	08/14/23	805.45	21.51	778.74
MW-17	08/14/23	784.41	3.98	780.43
MW-20(35)	08/14/23	810.42	28.52	781.90
MW-27(18)	08/14/23	785.82	5.32	780.50
MW-30(41.1)	08/14/23	794.57	21.29	773.28
MW-31(30.9)	08/14/23	781.48	10.36	771.12
MW-32(24.1)	08/14/23	787.80	21.58	766.22
MW-34(37)	08/14/23	777.60	25.18	752.42
MW-35(45)	08/14/23	781.38	29.14	752.24
MW-36(35.2)	08/14/23	770.03	17.94	752.09
MW-37(23.3)	08/14/23	757.91	9.86	748.05
MW-38(20.8)	08/14/23	758.49	7.55	750.94
MW-38(29.1)	08/14/23	758.49	7.15	751.34
MW-39(13)	08/14/23	754.88	4.56	750.32
MW-50(45)	08/14/23	770.58	8.11	762.47
MW-51(25)	08/14/23	756.74	3.48	753.26
MW-57(38)	08/14/23	795.51	9.28	786.23
MW-60(38)	08/14/23	798.51	15.31	783.20
MW-67(30)	08/14/23	809.53	24.98	784.55
MW-71(33)	08/14/23	809.15	25.12	784.03
MW-84(44)	08/14/23	824.91	41.55	783.36
MW-85(39)	08/14/23	796.49	13.21	783.28
OW-2(33)	08/14/23	805.54	22.01	783.53
OW-6(38)	08/14/23	789.27	9.78	779.49
Intermediate Overburden Wells				
MW-19(53)	08/14/23	809.56	25.85	783.71
MW-20(51)	08/14/23	810.41	26.76	783.65
MW-25(82)	08/14/23	791.93	10.81	781.12
MW-27(53.05)	08/14/23	785.84	4.48	781.36
MW-29(82.5)	08/14/23	801.45	26.42	775.03
MW-29(103.3)	08/14/23	801.45	28.69	772.76
MW-31(55.5)	08/14/23	781.47	10.71	770.76
MW-31(98.5)	08/14/23	781.46	16.02	765.44
MW-32(89)	08/14/23	787.85	35.23	752.62
MW-34(85)	08/14/23	777.54	25.18	752.36
MW-35(90)	08/14/23	781.37	29.13	752.24
MW-36(92.4)	08/14/23	770.06	18.02	752.04
MW-37(70)	08/14/23	758.02	7.70	750.32
MW-38(69.9)	08/14/23	758.48	7.16	751.32
MW-39(29.3)	08/14/23	754.91	4.35	750.56
MW-50(80)	08/14/23	770.61	9.01	761.60

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	Date Measured	Top of Casing Elevation[1]	Depth to Water (btoc)[2]	Ground Water Elevation
Intermediate Overburden Wells				
MW-51(70)	08/14/23	756.74	3.50	753.24
MW-52(55)	08/14/23	798.84	15.63	783.21
MW-59(46)	08/14/23	799.25	15.18	784.07
MW-82(58)	08/14/23	807.38	21.55	785.83
MW-83(64)	08/14/23	807.67	10.21	797.46
OW-2(53)	08/14/23	805.50	22.01	783.49
OW-6(63)	08/14/23	789.27	9.11	780.16
Deep Overburden Wells				
MW-20(155)	08/14/23	810.44	28.52	781.92
MW-23(122.7)	08/14/23	816.69	32.68	784.01
MW-27(135)	08/14/23	785.85	4.98	780.87
MW-29(132.8)	08/14/23	801.47	28.71	772.76
MW-31(139.2)	08/14/23	781.48	21.98	759.50
MW-32(110)	08/14/23	787.82	35.23	752.59
MW-35(148)	08/14/23	781.34	29.10	752.24
MW-36(124.5)	08/14/23	770.09	18.00	752.09
MW-37(98)	08/14/23	758.04	7.72	750.32
MW-38(102.5)	08/14/23	758.50	7.15	751.35
MW-39(76.8)	08/14/23	754.87	4.36	750.51
MW-48(159)	08/14/23	806.93	27.74	779.19
MW-49(200)	08/14/23	792.26	33.99	758.27
MW-85(130)	08/14/23	796.46	13.04	783.42

NM - Not measured

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

[2] Below top of casing (feet)

Prepared By: RLH

Checked By: RLB

Table 3

Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected from 2019 through 2023
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
MW-1	08/15/19	1 U	**1.0**	1 U	1 U	1 U	1 U
MW-1	09/10/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-1	11/08/21	NA	NA	NA	NA	NA	NA
MW-1	08/24/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-1	08/14/23	NA	NA	NA	NA	NA	NA
MW-3	08/22/19	1 U	1 U	1 U	1 U	1 U	**3.4**
MW-3	09/11/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-3	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-3	08/24/22	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-3	08/16/23	1 U	**33**	1 U	1 U	1 U	**17**
MW-17	02/05/19	1 U	**21**	1 U	1 U	**42**	1 UJ
MW-17	05/16/19	1 U	**23**	1 U	1 U	**42**	**1.2**
MW-17	08/20/19	1 U	**20**	1 U	1 U	**39**	**1.6**
MW-17	11/25/19	1 U	**19**	1 U	1 U	**30**	**2.2**
MW-17	02/17/20	1 U	**15**	1 U	1 U	**27**	**3.4**
MW-17	06/16/20	1 U	**22**	1 U	1 U	**17**	**3.6**
MW-17-R	06/16/20	1 U	**22**	1 U	1 U	**17**	**3.8**
MW-17	09/14/20	1 U	**19 J+**	1 U	1 U	**24 J+**	**3.1 J+**
MW-17	12/15/20	1 U	**16**	1 U	1 U	**21**	**2.4**
MW-17-R	12/15/20	1 U	**16**	1 U	1 U	**22**	**2.3**
MW-17	11/17/21	1 U	**17**	1 U	1 U	**15**	**2**
MW-17	08/24/22	1 U	**14**	1 U	1 U	**6.1**	**1.7**
MW-17	08/16/23	1 U	**3.0**	1 U	1 U	1 U	**6.2**
MW-19(53)	08/16/19	1 U	**24**	1 U	1 U	1 U	**23**
MW-19(53)	09/10/20	1 U	**19**	1 U	1 U	1 U	**18**
MW-19(53)	11/18/21	1 U	**19**	1 U	1 U	1 U	**16**
MW-19(53)	08/24/22	1 U	**18**	1 U	1 U	1 U	**15**
MW-19(53)	08/16/23	1 U	**22**	1 U	1 U	1 U	**13**

Table 3
Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected from 2019 through 2023
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
MW-20(51)	02/07/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-20(51)	08/20/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-20(51)	02/19/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-20(51)	09/13/20	1 U	1 U	1 U	1 U	1 U	**33** **J+**
MW-20(51)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-20(51)	08/24/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-20(51)	08/16/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-25(82)	02/06/19	1 U	**1.4**	1 U	1 U	1 U	**2.8** **J**
MW-25(82)	08/20/19	1 U	**1.5**	1 U	1 U	1 U	**3.6**
MW-25(82)	02/18/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-25(82)-R	02/18/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-25(82)	09/14/20	1 U	**1.1**	1 U	1 U	1 U	**2.7**
MW-25(82)	11/18/21	1 U	**1.3**	1 U	1 U	1 U	**3.0**
MW-25(82)	08/24/22	1 U	**1.5**	1 U	1 U	1 U	**3.1**
MW-25(82)	08/16/23	1 U	**2.2**	1 U	1 U	1 U	**2.8**
MW-27(18)	08/19/19	1 U	1 U	1 U	1 U	**1.1**	1 U
MW-27(18)-R	08/19/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-27(18)	09/14/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-27(18)	11/18/21	NA	NA	NA	NA	NA	NA
MW-27(18)	08/24/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-27(18)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-27(53.05)	08/19/19	1 U	1 U	1 U	1 U	**3.9**	1 U
MW-27(53.05)	09/11/20	1 U	1 U	1 U	1 U	**3.2**	1 U
MW-27(53.05)	11/18/21	NA	NA	NA	NA	NA	NA
MW-27(53.05)	08/24/22	1 U	1 U	1 U	1 U	2.7	1 U
MW-27(53.05)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-27(75.4)	08/19/19	1 U	**2.9**	1 U	1 U	**7.8**	1 U
MW-27(75.4)	09/10/20	1 U	**12**	1 U	1 U	**8.8**	**2.2**
MW-27(75.4)	11/18/21	NA	NA	NA	NA	NA	NA
MW-27(75.4)	08/24/22	1 U	**16**	1 U	1 U	**9.2**	**2.6**
MW-27(75.4)	08/15/23	1 U	**5.0**	1 U	1 U	1 U	**7.0**

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Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
MW-27(104.2)	08/19/19	1 U	1 U	1 U	1 U	1 U	**2.0**
MW-27(104.2)	09/10/20	1 U	1 U	1 U	1 U	1 U	**1.3**
MW-27(104.2)	11/18/21	NA	NA	NA	NA	NA	NA
MW-27(104.2)	08/24/22	1 U	**2.1**	1 U	1 U	1 U	1 U
MW-27(104.2)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-27(135)	08/19/19	NA	NA	NA	NA	NA	NA
MW-27(135)	09/10/20	NA	NA	NA	NA	NA	NA
MW-27(135)	11/18/21	NA	NA	NA	NA	NA	NA
MW-27(135)	08/24/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-27(135)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(82.5)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(82.5)	09/09/20	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
MW-29(82.5)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(82.5)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(82.5)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(103.3)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(103.3)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(103.3)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(103.3)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-29(103.3)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-30(41.1)	08/15/19	1 U	**110**	**2.5**	1 U	**42**	**2.6**
MW-30(41.1)	09/10/20	1 U	**140**	**2.0**	1 U	**11**	**29** **J+**
MW-30(41.1)	11/09/21	1 U	**160**	**2.2**	1 U	**17**	**20** **J-**
MW-30(41.1)	08/23/22	1 U	**32**	1 U	1 U	**10**	**13**
MW-30(41.1)	08/15/23	1 U	**45**	1 U	1 U	**9.7**	**9.8**
MW-31(30.9)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(30.9)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(30.9)	11/08/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(30.9)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(30.9)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U

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Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
MW-31(55.5)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(55.5)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(55.5)	11/08/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(55.5)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(55.5)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(98.5)	08/14/19	1 U	1 U	1 U	1 U	1 U	**3.0**
MW-31(98.5)-R	08/14/19	1 U	1 U	1 U	1 U	1 U	**3.0**
MW-31(98.5)	09/09/20	1 U	1 U	1 U	1 U	1 U	**2.1**
MW-31(98.5)-R	09/09/20	1 U	1 U	1 U	1 U	1 U	**2.1**
MW-31(98.5)	11/08/21	1 U	1 U	1 U	1 U	1 U	**2.5**
MW-31(98.5)	08/23/22	1 U	1 U	1 U	1 U	1 U	**1.8**
MW-31(98.5)-R	08/23/22	1 U	1 U	1 U	1 U	1 U	**2.6**
MW-31(98.5)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-31(98.5)-R	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-32(24.1)	08/15/19	1 U	**1.5**	1 U	1 U	1 U	1 U
MW-32(24.1)	09/09/20	1 UJ	**1.5 J-**	1 UJ	1 UJ	1 UJ	1 UJ
MW-32(24.1)	11/09/21	1 UJ	**1.3 J-**	1 UJ	1 UJ	1 UJ	1 UJ
MW-32(24.1)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-32(24.1)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-32(89)	08/15/19	1 U	1 U	1 U	1 U	1 U	**14**
MW-32(89)	09/09/20	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	**8.7 J-**
MW-32(89)	11/09/21	1 U	1 U	1 U	1 U	1 U	**13**
MW-32(89)	08/23/22	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	**10 J**
MW-32(89)	08/15/23	1 U	1 U	1 U	1 U	1 U	**13**
MW-34(37)	08/15/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-34(37)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-34(37)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-34(37)-R	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-34(37)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-34(37)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U

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Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
MW-34(85)	08/15/19	1 U	1 U	1 U	1 U	**20**	1 U
MW-34(85)	09/10/20	1 U	1 U	1 U	1 U	**15**	1 U
MW-34(85)	11/09/21	1 U	1 U	1 U	1 U	**16**	1 U
MW-34(85)	08/23/22	1 U	1 U	1 U	1 U	**16**	1 U
MW-34(85)	08/15/23	1 U	**3.9**	1 U	1 U	**15**	1 U
MW-35(45)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-35(45)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-35(45)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-35(45)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-35(45)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-35(90)	08/14/19	1 U	1 U	1 U	1 U	1 U	**2.3**
MW-35(90)	09/09/20	1 U	1 U	1 U	1 U	1 U	**1.6**
MW-35(90)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-35(90)	08/23/22	1 U	1 U	1 U	1 U	1 U	**2**
MW-35(90)	08/14/23	1 U	1 U	1 U	1 U	1 U	**3.2**
MW-36(35.2)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(35.2)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(35.2)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(35.2)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(35.2)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(92.4)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(92.4)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(92.4)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(92.4)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(92.4)-R	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-36(92.4)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(23.3)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(23.3)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(23.3)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(23.3)	08/22/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(23.3)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U

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Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
MW-37(70)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(70)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(70)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-37(70)	08/22/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(70)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(98)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(98)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-37(98)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-37(98)	08/22/22	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-37(98)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(20.8)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(20.8)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(20.8)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(20.8)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(20.8)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(29.1)	08/13/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(29.1)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(29.1)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(29.1)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(29.1)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(69.9)	08/13/19	1 U	1 U	1 U	1 U	1 U	**2.4**
MW-38(69.9)	08/13/19	1 U	1 U	1 U	1 U	1 U	**3.0**
MW-38(69.9)	09/09/20	1 U	1 U	1 U	1 U	1 U	**3.2**
MW-38(69.9)-R	09/09/20	1 U	1 U	1 U	1 U	1 U	**3.0**
MW-38(69.9)	11/09/21	1 U	1 U	1 U	1 U	1 U	**3.9**
MW-38(69.9)	08/23/22	1 U	1 U	1 U	1 U	1 U	**4.2**
MW-38(69.9)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-38(69.9)-R	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U

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Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
MW-39(13)	08/13/19	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
MW-39(13)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-39(13)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-39(13)	08/22/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-39(13)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-39(29.3)	08/13/19	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
MW-39(29.3)	09/08/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-39(29.3)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 UJ
MW-39(29.3)	08/22/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-39(29.3)	08/14/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-48(159)	08/15/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-48(159)	08/15/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-48(159)	09/10/20	1 U	1 U	1 U	1 U	1 U	**4.1**
MW-48(159)-R	09/10/20	1 U	1 U	1 U	1 U	1 U	**4.4**
MW-48(159)	11/17/21	1 U	1 U	1 U	1 U	1 U	**5.1**
MW-48(159)	08/24/22	1 U	1 U	1 U	1 U	1 U	**3.8**
MW-48(159)	08/16/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-50(45)	08/14/19	1 U	**1.4**	1 U	1 U	1 U	**1.3**
MW-50(45)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-50(45)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-50(45)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-50(45)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-50(80)	08/14/19	1 U	**1.2**	1 U	1 U	1 U	1 U
MW-50(80)	09/09/20	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
MW-50(80)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-50(80)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-50(80)	08/15/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(25)	08/14/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(25)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(25)	11/09/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(25)	08/23/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(25)	08/16/23	1 U	1 U	1 U	1 U	1 U	1 U

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Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
MW-51(70)	08/14/19	1 U	1 U	1 U	1 U	1 U	**1.2**
MW-51(70)	09/09/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-51(70)	11/09/21	1 U	1 U	1 U	1 U	1 U	**1.7 J**
MW-51(70)	08/23/22	1 U	1 U	1 U	1 U	1 U	**1.9**
MW-51(70)	08/16/23	1 U	1 U	1 U	1 U	1 U	**1.7**
MW-52(55)	08/22/19	1 U	1 U	1 U	1 U	1 U	1 U
MW-52(55)	09/11/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-52(55)	11/18/21	1 U	1 U	1 U	1 U	1 U	1 U
MW-52(55)	08/24/22	1 U	1.4	1 U	1 U	1 U	1 UJ
MW-52(55)	08/17/23	1 U	1 U	1 U	1 U	1 U	1 U
MW-57(38)	08/16/19	1 U	**8.3**	1 U	1 U	**5.3**	1 U
MW-57(38)	09/10/20	1 U	**7.8**	1 U	1 U	**4.4**	1 U
MW-57(38)	11/18/21	NA	NA	NA	NA	NA	NA
MW-57(38)	08/24/22	1 U	4	1 U	1 U	3.4	1 U
MW-57(38)	08/17/23	1 U	**11**	1 U	1 U	**5.0**	1 U
MW-59(46)	02/06/19	**12 J**	**1,200**	**7.0 J**	1 U	1 U	**1,600 J**
MW-59(46)	08/22/19	**41**	**1,200**	**16**	1 U	E U	**1,600**
MW-59(46)	02/19/20	**82 J**	**2,500 J**	**13 J**	1 UJ	**1.8 J**	**1,200 J**
MW-59(46)	09/14/20	**130**	**2,800**	**23**	1 U	**380**	**1,100**
MW-59(46)	11/18/21	**130**	**5,900**	50 U	50 U	**4,100**	**620**
MW-59(46)	08/24/22	**20**	**560**	5 U	5 U	**10 J+**	**180**
MW-59(46)	08/17/23	**50**	**2,600**	**39**	1 U	**3.6**	**550**
MW-60(38)	08/22/19	**3.0**	**420**	**2.4**	1 U	1 U	**430 J**
MW-60(38)	09/11/20	**1.8**	**310**	**1.5**	1 U	1 U	**290**
MW-60(38)	11/18/21	**2.5**	**440**	2 U	2 U	2 U	**280**
MW-60(38)	08/24/22	1 U	**64**	1 U	1 U	1 U	**120**
MW-60(38)-R	08/24/22	1 U	**49**	1 U	1 U	1 U	**97**
MW-60(38)	08/16/23	**1.6**	**180**	**1.6**	1 U	1 U	**84**
MW-60(38)-R	08/16/23	**1.5**	**190**	**1.4**	1 U	1 U	**89**

Table 3

Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected from 2019 through 2023
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
MW-67(30)	08/22/19	1 U	**2.6**	1 U	1 U	1 U	1 U
MW-67(30)	09/15/20	1 U	**1.4**	1 U	1 U	1 U	**2.1**
MW-67(30)	11/09/21	1 U	**1.2**	1 U	1 U	1 U	1 U
MW-67(30)	08/22/22	1 U	**1.6**	1 U	1 U	1 U	1 U
MW-67(30)	08/16/23	1 U	**1.4**	1 U	1 U	1 U	1 U
MW-71(33)	08/22/19	1 U	**2.0**	1 U	1 U	1 U	1 U
MW-71(33)	09/14/20	1 U	1 U	1 U	1 U	1 U	1 U
MW-71(33)	11/09/21	1 U	**1.1**	1 U	1 U	1 U	1 U
MW-71(33)-R	11/09/21	1 U	**1.0**	1 U	1 U	1 U	1 U
MW-71(33)	08/22/22	1 U	1 U	1 U	1 U	1 U	1 U
MW-71(33)	08/16/23	1 U	**8.6**	1 U	1 U	1 U	1 U
MW-84(44)	08/19/19	1 U	1 U	1 U	1 U	**2.6**	1 U
MW-84(44)	09/10/20	1 U	1 U	1 U	1 U	**2.0**	1 U
MW-84(44)	11/18/21	1 U	1 U	1 U	1 U	**2.1**	1 U
MW-84(44)	08/24/22	1 U	1 U	1 U	1 U	**1.2**	1 U
MW-84(44)	08/16/23	1 U	1 U	1 U	1 U	**1.9**	1 U
OW-6(38)	02/05/19	1 U	1 U	1 U	1 U	1 U	1 UJ
OW-6(38)-R	02/05/19	1 U	1 U	1 U	1 U	1 U	1 UJ
OW-6(38)	05/16/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	08/21/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	11/25/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	02/17/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	06/16/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	09/13/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	12/14/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)-R	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	08/24/22	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(38)	08/16/23	1 U	**1.0**	1 U	1 U	1 U	1 U

Table 3

Summary of Volatile Organic Compound Analyses
Performed on the Groundwater Samples Collected from 2019 through 2023
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
(Results reported in micrograms per liter, µg/L)

Monitoring Well Number	Sample Date	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
OW-6(63)	02/05/19	1 U	1 U	1 U	1 U	1 U	1 UJ
OW-6(63)	05/16/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	08/21/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)-R	08/21/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	11/25/19	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	02/17/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	06/16/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	09/13/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)-R	09/13/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	12/14/20	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	11/17/21	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	08/24/22	1 U	1 U	1 U	1 U	1 U	1 U
OW-6(63)	08/16/23	1 U	1 U	1 U	1 U	1 U	1 U
USEPA MCLs & IDEM RSL		7.0	70	100	5.0	5.0	2.0

Notes:

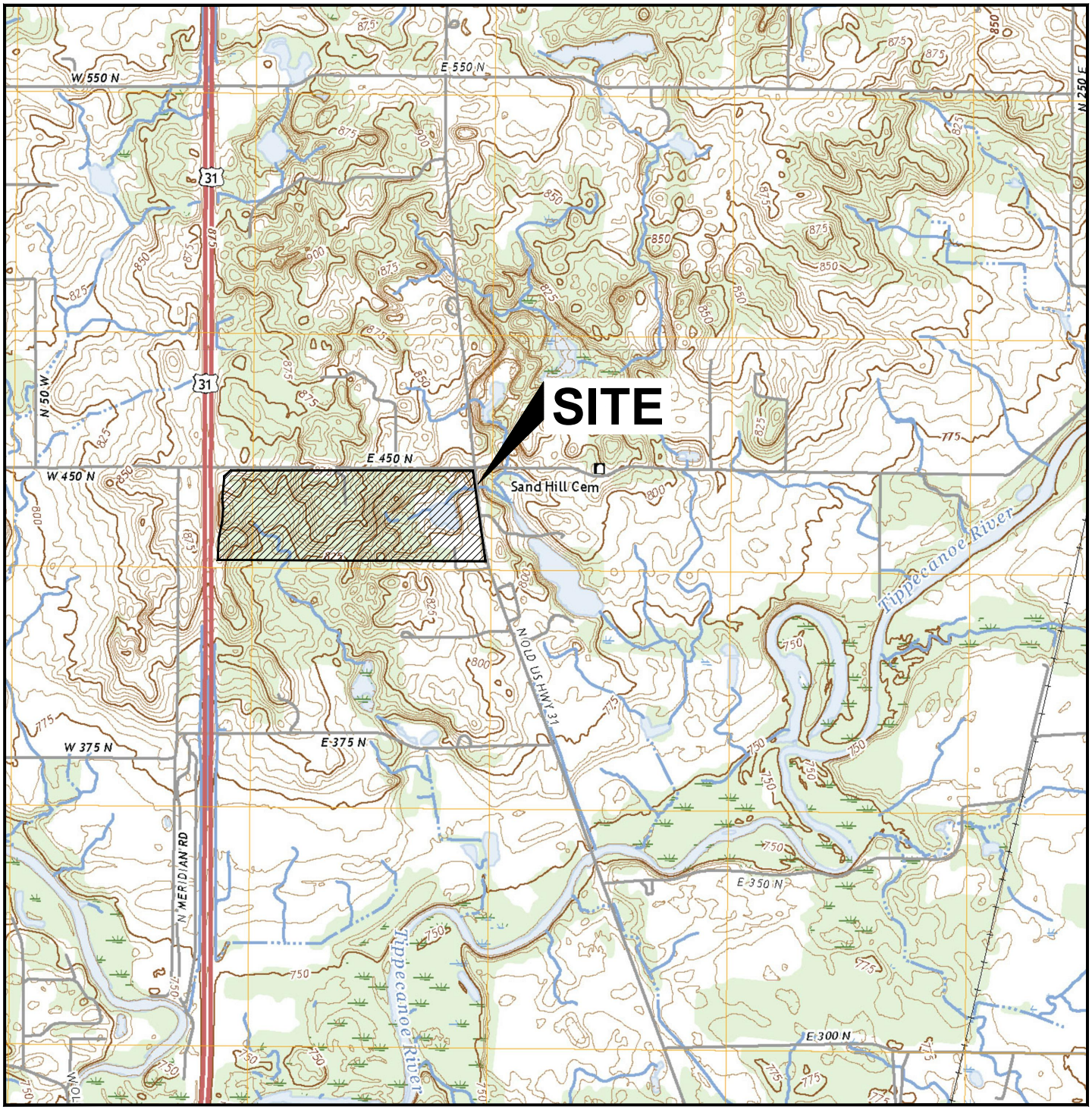
NA - Not analyzed
U - not detected, value is the detection limit
J - value is estimated
R - replicate sample
J+ - value is estimated biased high
J- - value is estimated biased low

USEPA MCLs - United States Environmental Protection Agency (USEPA) Maximum Contaminant Levels (MCLs) (December 2016)
IDEM RSL - Indiana Department of Environmental Management Residential Screening Levels (2019)
For a complete list of analyzed compounds and results please refer to the laboratory reports

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

Prepared By: RLH
Checked By: RLB

FIGURES



Quadrangle Location

REFERENCE: USGS 7.5-minute topographic quadrangle maps of Argos and Rochester, Indiana, 2022.

0 2000 4000
APPROXIMATE SCALE IN FEET

N

CONSULTANT

WSP USA Environment and Infrastructure Inc.

CONSULTANT

DATE	08/30/2023
DESIGNED	---
PREPARED	RLB
REVIEWED	RLH
APPROVED	PJS

PROJECT/CLIENT

TEXTRON
TORX Facility

TITLE

SITE LOCATION MAP
4366 North Old US Highway 31, Rochester, Indiana

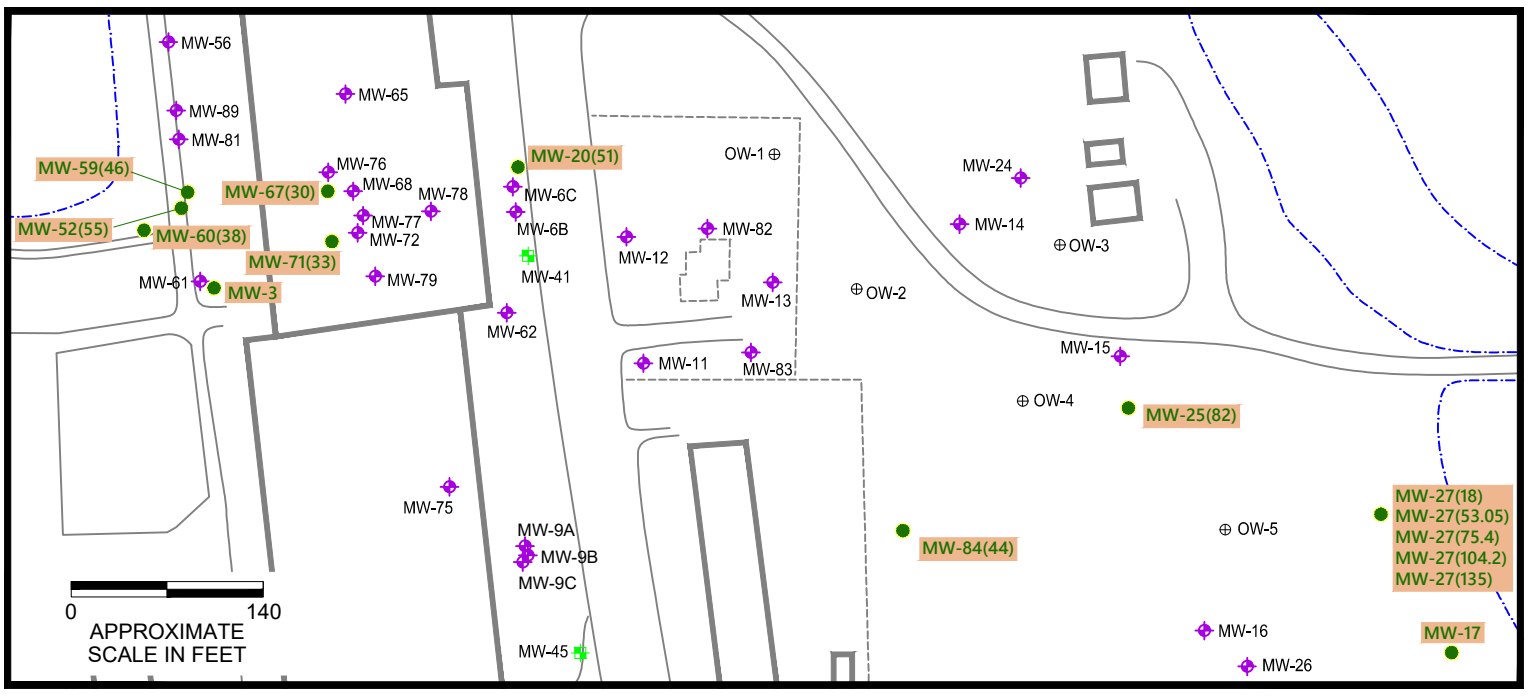
PROJECT NO.
7775 23 2012

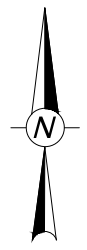
REV.

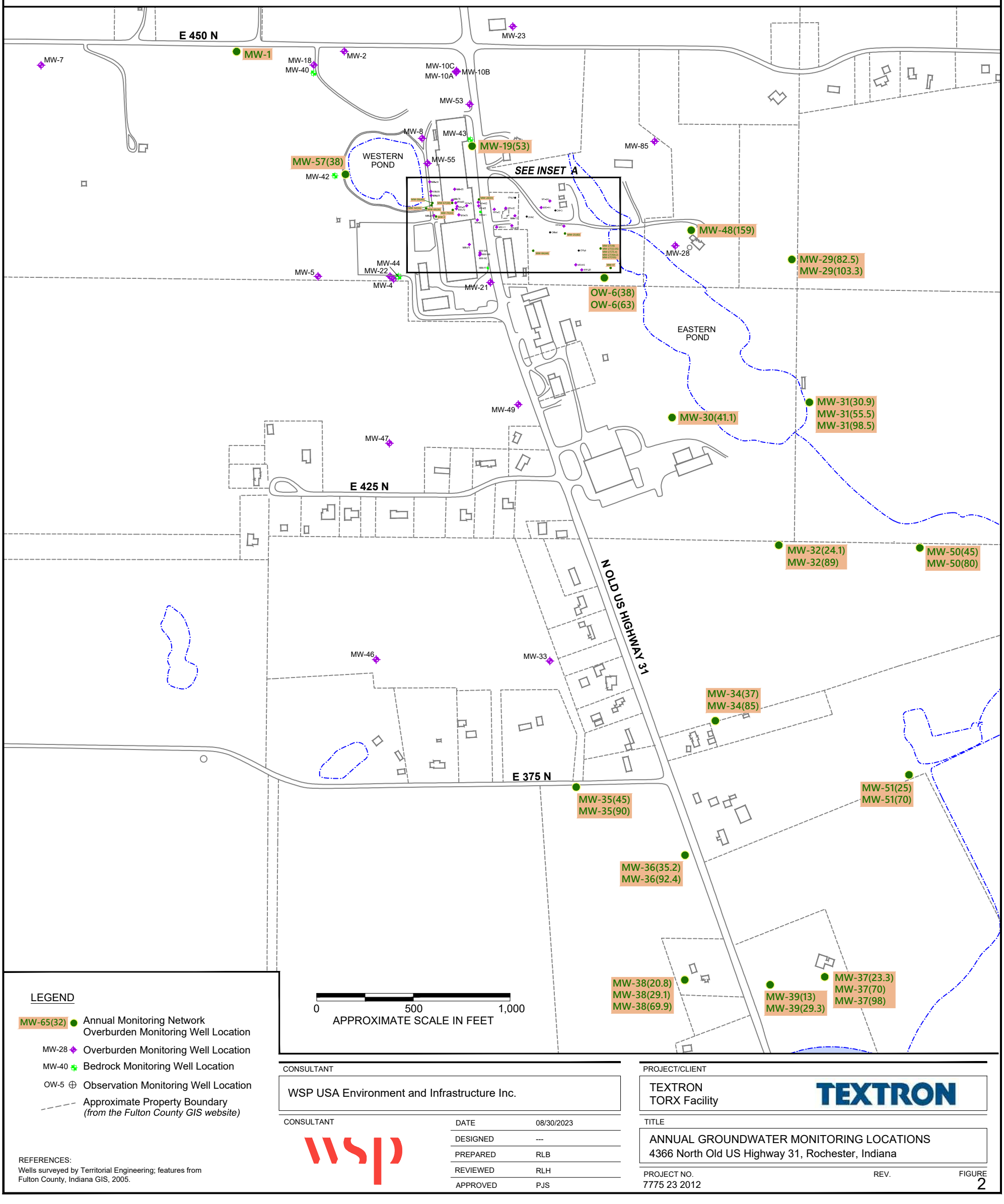
FIGURE
1

P:\Textron\TFS\Drawings\TFS Topo.dwg - Topos 2022 - Aug. 30, 2023

INSET A







LEGEND

- MW-65(32) ● Annual Monitoring Network Overburden Monitoring Well Location
- MW-28 ⊕ Overburden Monitoring Well Location
- MW-40 ⊕ Bedrock Monitoring Well Location
- OW-5 ⊕ Observation Monitoring Well Location
- Approximate Property Boundary *(from the Fulton County GIS website)*

REFERENCES:
Wells surveyed by Territorial Engineering; features from Fulton County, Indiana GIS, 2005.

CONSULTANT
WSP USA Environment and Infrastructure Inc.

CONSULTANT

DATE	08/30/2023
DESIGNED	---
PREPARED	RLB
REVIEWED	RLH
APPROVED	PJS

PROJECT/CLIENT
TEXTRON
TORX Facility

TITLE
ANNUAL GROUNDWATER MONITORING LOCATIONS
4366 North Old US Highway 31, Rochester, Indiana

PROJECT NO. 7775 23 2012
REV.
FIGURE 2

P:\Textron\TFS\Drawings\TFS Closure Sampling.dwg - Site Plan 2023 - Aug. 30, 2023

E 450 N

MW-1
Not
Measured

WESTERN
POND

786.23
MW-57(38)

785

MW-67(30)
784.55

MW-60(38)
783.20

MW-20(35)
781.90

MW-3
778.74

784.03
MW-71(33)

783.53
OW-2(33)

780.50
MW-27(18)

783.36
MW-84(44)

780.43
MW-17

780

OW-6(38)
779.49

783.28
MW-85(39)

EASTERN
POND

775

MW-31(30.9)
771.12

773.28
MW-30(41.1)

770

E 425 N

765

MW-32(24.1)
766.22

762.47
MW-50(45)

N OLD US HIGHWAY 31

760

755

752.42
MW-34(37)

E 375 N

752.24
MW-35(45)

753.26
MW-51(25)

752.09
MW-36(35.2)

750

750.94
MW-38(20.8)

MW-39(13)
750.32

748.05
MW-37(23.3)

TIPPECANOE RIVER

350N

LEGEND

750.94
MW-38(20.8) 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 shallow overburden monitoring wells used for contouring are shown.

0 500 1,000
APPROXIMATE SCALE IN FEET

REFERENCES:
Wells surveyed by Territorial Engineering; features from Fulton County, Indiana GIS, 2005.

CONSULTANT
WSP USA Environment and Infrastructure Inc.

CONSULTANT

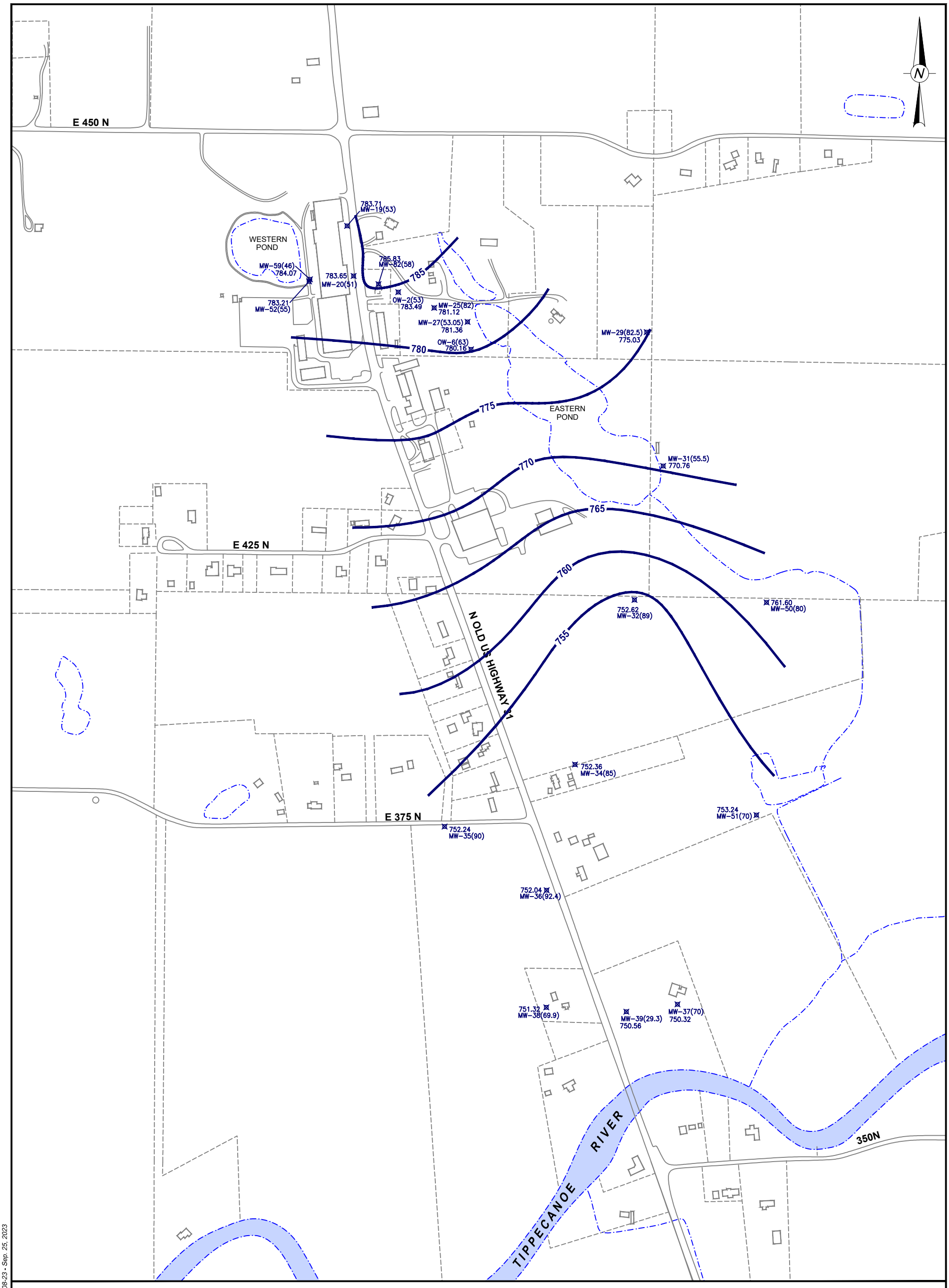
DATE	09/25/2023
DESIGNED	---
PREPARED	RLB
REVIEWED	RLH
APPROVED	PJS

PROJECT/CLIENT
TEXTRON
TORX Facility

TITLE
GROUNDWATER CONTOUR MAP - Shallow Overburden Wells
14 August 2023 - 4366 North Old US Highway 31, Rochester, Indiana

PROJECT NO. 7775 23 2012
REV.
FIGURE 3

P:\Textron\TFS\Drawings\TFS PS Plan 2010 11x17.dwg - Shallow 08-23 - Sep. 25, 2023



LEGEND

- 761.60 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 used for contouring are shown.

REFERENCES:
Wells surveyed by Territorial Engineering; features from Fulton County, Indiana GIS, 2005.

CONSULTANT
WSP USA Environment and Infrastructure Inc.

CONSULTANT

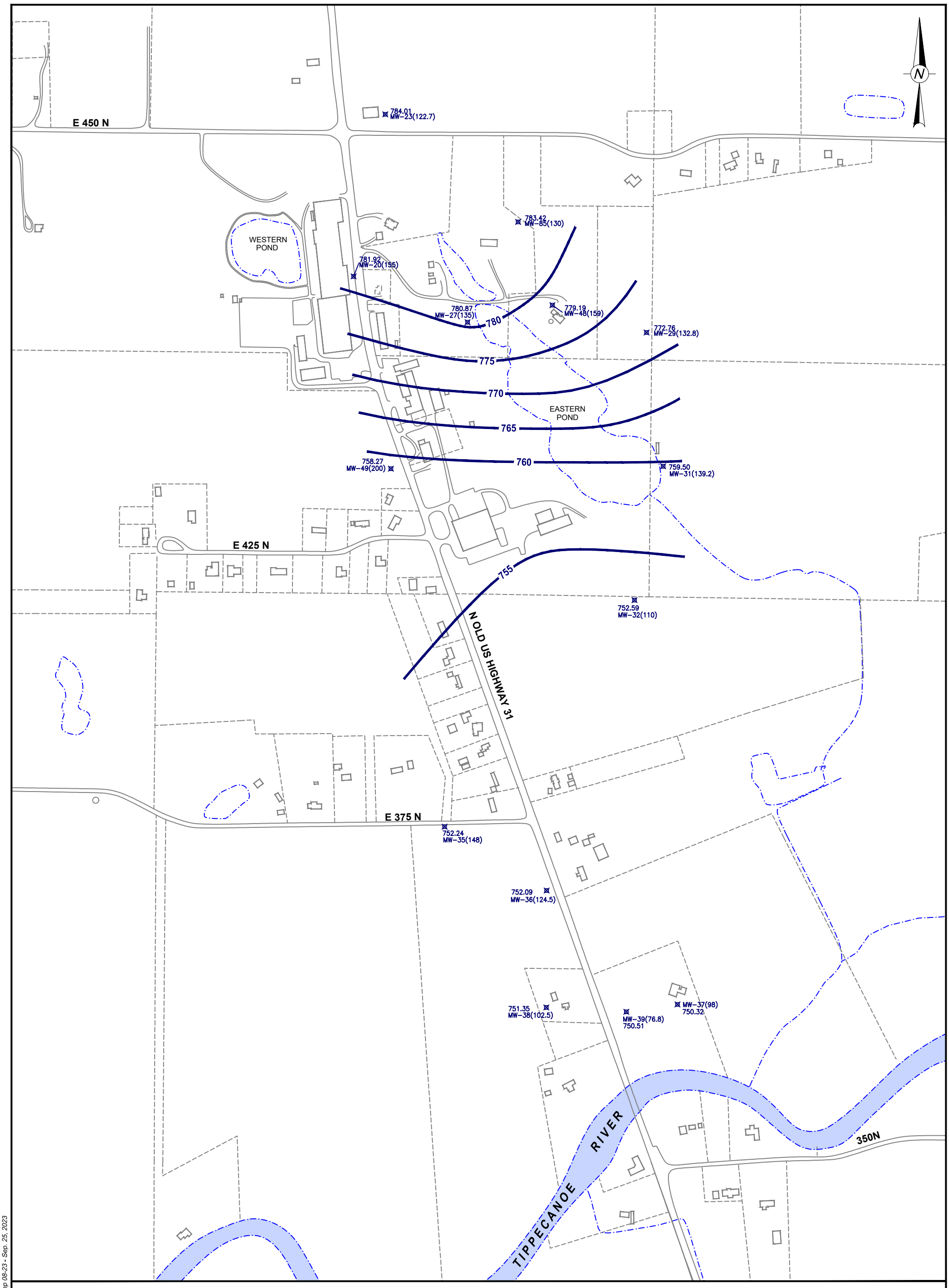
DATE	09/25/2023
DESIGNED	---
PREPARED	RLB
REVIEWED	RLH
APPROVED	PJS

PROJECT/CLIENT
TEXTRON
TORX Facility

TITLE
GROUNDWATER CONTOUR MAP - Intermediate Overburden Wells
14 August 2023 - 4366 North Old US Highway 31, Rochester, Indiana

PROJECT NO. 7775 23 2012 | REV. | FIGURE 4

P:\Textron\TFS\Drawings\TFS PS Plan 2010 11x17.dwg - Int 08-23 - Sep. 25, 2023



LEGEND

- 759.50 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 used for contouring are shown.

0 500 1,000
APPROXIMATE SCALE IN FEET

REFERENCES:
Wells surveyed by Territorial Engineering; features from Fulton County, Indiana GIS, 2005.

CONSULTANT
WSP USA Environment and Infrastructure Inc.

CONSULTANT

DATE	09/25/2023
DESIGNED	---
PREPARED	RLB
REVIEWED	RLH
APPROVED	PJS

PROJECT/CLIENT
TEXTRON
TORX Facility

TITLE
GROUNDWATER CONTOUR MAP - Deep Overburden Wells
14 August 2023 - 4366 North Old US Highway 31, Rochester, Indiana

PROJECT NO. 7775 23 2012
REV.
FIGURE 5

P:\Textron\TFS\Drawings\TFS PS Plan 2010 11x17.dwg - Deep 08-23 - Sep. 25, 2023

INSET A

MW-67(30) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	**1.4**
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-20(51) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-25(82) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	**2.2**
t-1,2-DCE	<1.0
TCE	<1.0
VC	**2.8**

MW-27(18) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-27(75.4) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	**5.0**
t-1,2-DCE	<1.0
TCE	<1.0
VC	**7.0**

MW-27(53.05) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-27(104.2) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-27(135) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-59(46) 08/17/2023	
1,1-DCE	**50**
c-1,2-DCE	**2,600**
t-1,2-DCE	**39**
TCE	**3.6**
VC	**550**

MW-52(55) 08/172023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-60(38) 08/16/2023	
1,1-DCE	**1.6 / 1.5**
c-1,2-DCE	**180 / 190**
t-1,2-DCE	**1.6 / 1.4**
TCE	<1.0 / <1.0
VC	**84 / 89**

MW-3 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	**33**
t-1,2-DCE	<1.0
TCE	<1.0
VC	**17**

MW-71(33) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	**8.6**
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-84(44) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	**1.9**
VC	<1.0

MW-17 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	**3.0**
t-1,2-DCE	<1.0
TCE	<1.0
VC	**6.2**

0 140
APPROXIMATE SCALE IN FEET

E 450 N

MW-1 08/14/2023
Not Sampled

MW-19(53) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	**22**
t-1,2-DCE	<1.0
TCE	<1.0
VC	**13**

WESTERN POND

SEE INSET A

MW-48(159) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-29(82.5) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-29(103.5) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-57(38) 08/17/2023	
1,1-DCE	<1.0
c-1,2-DCE	**11**
t-1,2-DCE	<1.0
TCE	**5.0**
VC	<1.0

OW-6(38) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	**1.0**
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-6(63) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

EASTERN POND

MW-30(41.1) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	**45**
t-1,2-DCE	<1.0
TCE	**9.7**
VC	**9.8**

MW-31(30.9) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-31(55.5) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-31(98.5) 08/15/2023	
1,1-DCE	<1.0 / <1.0
c-1,2-DCE	<1.0 / <1.0
t-1,2-DCE	<1.0 / <1.0
TCE	<1.0 / <1.0
VC	<1.0 / <1.0

E 425 N

MW-32(24.1) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-32(89) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	**13**

MW-34(37) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-34(85) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	**3.9**
t-1,2-DCE	<1.0
TCE	**15**
VC	<1.0

N OLD US HIGHWAY 31

MW-50(45) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-50(80) 08/15/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-35(45) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-35(90) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	**3.2**

MW-51(25) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-51(70) 08/16/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	**1.7**

MW-36(35.2) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-36(92.4) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-39(13) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-39(29.3) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-37(23.3) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-37(70) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-37(98) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-38(20.8) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-38(29.1) 08/14/2023	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-38(69.9) 08/14/2023	
1,1-DCE	<1.0 / <1.0
c-1,2-DCE	<1.0 / <1.0
t-1,2-DCE	<1.0 / <1.0
TCE	<1.0 / <1.0
VC	<1.0 / <1.0

0 500 1,000
APPROXIMATE SCALE IN FEET

LEGEND

- MW-65(32) — Annual Monitoring Network Overburden Monitoring Well Location
- MW-28 — Overburden Monitoring Well Location
- MW-40 — Bedrock Monitoring Well Location
- OW-5 — Observation Monitoring Well Location
- Approximate Property Boundary *(from the Fulton County GIS website)*

MW-17 08/16/2023	
VC	**1.7**

Sample Identification / Date Sample Collected / Compound Name and Result Value

NOTES:

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

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

REFERENCES:
Wells surveyed by Territorial Engineering; features from Fulton County, Indiana GIS, 2005.

P:\Textron\TFSIDrawings\TFS Closure Sampling.dwg - VOCs 2023 - Sep. 01, 2023

CONSULTANT
WSP USA Environment and Infrastructure Inc.

CONSULTANT

DATE	09/01/2023
DESIGNED	---
PREPARED	RLB
REVIEWED	RLH
APPROVED	PJS

PROJECT/CLIENT
TEXTRON
TORX Facility

TITLE
SITE-RELATED VOC CONCENTRATIONS IN GROUNDWATER
August 2023 - 4366 North Old US Highway 31, Rochester, Indiana

PROJECT NO. 7775 23 2012 | REV. | FIGURE 6

APPENDIX A

GROUNDWATER SAMPLE COLLECTION FORMS

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-3 (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/16/23 | Start Time: 1355 | Weather: Sun 80's

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 21.55 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 23 | Well Diameter: 2" | Approx. Pump Depth: 19 Feet
Screen Interval: top 21 bottom 23 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1400 | 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)
1405	6.97	0.683	16.17	22.7	200	21.55	0	0.83	-72.8
1410	6.81	0.524	15.53	11.08	200	21.55	0	0.92	-75.5
1415	6.78	0.520	15.46	9.6	200	21.55	0	0.96	-73.3
1420	6.716	0.516	15.44	8.7	200	21.55	0	1.01	-70.4
1425	6.74	0.515	15.40	7.9	200	21.55	0	1.04	-66.4
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1425	6.74	0.515	15.40	7.9	200	21.55	0	1.04	-66.4

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-MW3-20816GB | Time: 1425

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-17 (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: _____ | Date: 8/16/23 | Start Time: 1050 | Weather: SUN 70s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 3.99 | Depth to Product: \ | Product Thickness: \
Total Casing Depth: 42 | Well Diameter: 2" | Approx. Pump Depth: 37 Feet
Screen Interval: top 32 bottom 42 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1055 | 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)
1100	7.19	0.710	20.04	25.7	250	3.99	0	0.65	-142.3
1105	7.18	0.707	20.05	49.0	250	3.99	0	0.59	-147.6
1110	7.18	0.703	19.90	18.6	250	3.99	0	0.55	-151.6
1115	7.17	0.704	19.84	8.6	250	3.99	0	0.53	-154.2
1120	7.17	0.705	19.82	5.8	250	3.99	0	0.52	-156.1
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

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

Comments: _____

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

Sample Name: ATR-MW17-GOB1623 | Time: 1120

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	G3	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-19(53) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/16/23 | Start Time: 1245 | Weather: SUN 80s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 25.88 | Depth to Product: \ | Product Thickness: \
Total Casing Depth: 53 | Well Diameter: 2" | Approx. Pump Depth: 48 Feet
Screen Interval: top 43 bottom 53 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1250 | 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)
1255	7.30	0.596	15.04	11.41	200	25.88	0	4.39	49.7
1300	7.10	0.616	15.11	10.98	200	25.88	0	4.29	60.2
1305	7.04	0.621	15.08	10.00	200	25.88	0	4.20	68.4
1310	7.00	0.625	15.05	5.21	200	25.88	0	4.16	75.2
1315	6.98	0.631	15.03	4.64	200	25.88	0	4.09	81.2
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1315	6.98	0.631	15.03	4.64	200	25.88	0	4.09	81.2

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 19(53)-G081623 | Time: 1315

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 20(51) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JRT | Date: 08/16/23 | Start Time: 1338 | Weather: Sunny 74°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 26.73 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 51 | Well Diameter: 2" | Approx. Pump Depth: 46 Feet
Screen Interval: top 41 bottom 51 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1354 | Pump Stopped: 1429 | 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	7.14	0.501	18.013	4.15	125	26.72	—	1.25	-13.2
1405	7.04	0.539	17.896	3.15	125	26.73	—	0.90	-81.1
1410	7.05	0.562	17.318	4.06	125	26.73	—	0.87	-103.7
1415	7.05	0.578	17.196	4.46	125	26.73	—	0.91	-111.9
1420	7.05	0.582	17.356	4.67	125	26.73	—	0.95	-115.4
1425	7.05	0.588	17.232	5.55	125	26.73	—	0.98	-116.6

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1425	7.05	0.588	17.232	5.55	125	26.73	—	0.98	-116.6

Comments:

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration ____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 8.00 NTUs

Sample Name: ATR-MW 20(51)-GW081623 | Time: 1428

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 25(82) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JRT | Date: 08/16/23 | Start Time: 1156 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 10.84 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 82 | Well Diameter: 2" | Approx. Pump Depth: >72 Feet
Screen Interval: top >72 bottom 82 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1210 | Pump Stopped: 1244 | 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)
1215	7.10	0.664	15.832	2.42	250	10.91	0.67	2.01	59.3
1220	7.01	0.675	14.787	0.87	250	10.92	0.08	0.72	-57.9
1225	7.00	0.672	14.548	0.73	250	10.93	0.09	0.64	-71.0
1230	7.00	0.672	14.571	0.50	250	10.93	0.09	0.57	-78.2
1235	7.00	0.672	14.396	0.57	250	10.94	0.10	0.57	-83.4
1240	7.00	0.673	14.372	0.46	250	10.94	0.10	0.57	-86.6
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1240	7.00	0.673	14.372	0.46	250	10.94	0.10	0.57	-86.6

Comments: _____

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration _____ mV
SC Reference Solution 4.44 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 25(82)-GW081623 | Time: 1242

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	39	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-27(18) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: LS | Date: 8/15/23 | Start Time: 1255 | Weather: Sun 70s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 5.35 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 18 | Well Diameter: 2" | Approx. Pump Depth: 13 Feet
Screen Interval: top 8 bottom 18 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
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)
1310	7.14	0.700	16.16	1.05	200	5.35	0	0.58	-152.3
1315	7.20	0.711	16.00	0.0	200	5.35	0	0.53	-164.1
1320	7.21	0.707	16.06	0.0	200	5.35	0	0.49	-171.4
1325	7.24	0.702	16.09	0.0	200	5.35	0	0.46	-173.6
1330	7.25	0.700	16.14	0.0	200	5.35	0	0.45	-178.4
					~~200~~				

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1330	7.25	0.700	16.14	0.0	200	5.35	0	0.45	-178.4

Comments:

Calibration: pH Calibration Buffers: 4 ☒, 7 ☒, 10 ☒ | ORP Calibration 225 mV
SC Reference Solution 4.4 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW27(18)-G081523 | Time: 1330

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-~~37~~(53.05)
Project Number: 7775-23-2012 | (Use: Well name)
Sampling Personnel: GS | Date: 8/15/23 | Start Time: 1335 | Weather: Sun 70's

MEASUREMENT SUMMARY:

Measuring Point: TOC | Depth to Water: 5.02 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 53 | Well Diameter: 2" | Approx. Pump Depth: 48 Feet
Screen Interval: top 43 bottom 53 Feet

SAMPLING SUMMARY:

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

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)
1345	7.53	0.575	15.47	0	200	5.02	0	3.09	-40.4
1350	7.47	0.580	15.43	0	200	5.02	0	3.25	-30.7
1355	7.42	0.581	15.21	0	200	5.02	0	3.02	-25.6
1400	7.40	0.582	15.26	0	200	5.02	0	2.95	-22.4
1405	7.40	0.582	15.18	0	200	5.02	0	2.92	-18.5
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1405	7.40	0.582	15.18	0	200	5.02	0	2.92	-18.5

Comments:

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

Sample Name: ATR-MW 37(53.05)-6081523 | Time: 1405

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ✓	63	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-27(75.4) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/15/23 | Start Time: 1410 | Weather: Sun 70s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 4.37 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 75 | Well Diameter: 2" | Approx. Pump Depth: 70 Feet
Screen Interval: top 65 bottom 75 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: ~~1410~~ 1415 | Pump Stopped: | Total Gallons:

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
~~1420~~	7.05	0.841	16.42	2.8	200	4.37	0	0.70	-114.5
1425	7.08	0.855	15.48	0.0	200	4.37	0	0.68	-123.5
1430	7.07	0.852	15.42	0.0	200	4.37	0	0.62	-129.1
1435	7.05	0.850	15.38	0.0	200	4.37	0	0.60	-134.1
1440	7.04	0.848	15.35	0.0	200	4.37	0	0.58	-138.4
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1446	7.04	0.848	15.35	0.0	200	4.37	0	0.58	138.4

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-MW27(75.4)-6081523 | Time: 1440

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	36	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

WSP

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-27 (104.5) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/15/23 | Start Time: 1445 | Weather: overcast 70's

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 5.31 | Depth to Product: \ | Product Thickness: \
Total Casing Depth: 104 | Well Diameter: 2" | Approx. Pump Depth: 99 Feet
Screen Interval: top 94 bottom 104 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1450 | 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)
1455	7.22	0.737	17.40	12.1	200	5.31	0	3.27	-51.1
1500	7.29	0.676	17.35	0.0	200	5.31	0	2.15	-60.4
1505	7.29	0.672	16.88	0.0	200	5.31	0	2.12	-54.3
1510	7.27	0.670	16.80	0.0	200	5.31	0	2.08	-48.6
1515	7.25	0.670	16.78	0.0	200	5.31	0	2.05	-40.3
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1515	7.25	0.670	16.78	0.0	200	5.31	0	2.05	-40.3

Comments: _____

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

Sample Name: ATR-MW-27(104.5)-20081523 | Time: 1515

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-27 (135) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: CS | Date: 8/15/23 | Start Time: ~~0535~~ | Weather: Overcast 70s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 5.02 | Depth to Product: \ | Product Thickness: \
Total Casing Depth: 135 | Well Diameter: 2" | Approx. Pump Depth: 130 Feet
Screen Interval: top 125 bottom 135 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: ~~1630~~ 1535 | 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)
1535	7.32	0.598	15.82	0.58	200	5.07	0	0.84	-15.1
1540	7.34	0.599	15.27	0.97	200	5.07	0	0.74	-11.3
1545	7.38	0.604	15.17	1.1	200	5.07	0	0.68	-6.1
1550	7.34	0.605	15.10	0.0	200	5.07	0	0.63	-1.1
1555	7.31	0.607	15.06	0.56	200	5.08	0	0.59	5.2
						~~5~~			

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1555	7.31	0.607	15.06	0.56	200	5.02	0	0.59	5.2

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-MW27(135)-608123 | Time: 1555

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	C3	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-29(82.5)
Project Number: 7775-23-2012 | (Use: Well name)
Sampling Personnel: GJ | Date: 8/15/23 | Start Time: 1210 | Weather: overcast 70's

MEASUREMENT SUMMARY:

Measuring Point: TOC | Depth to Water: 26.51 | Depth to Product: \ | Product Thickness: ____
Total Casing Depth: 87 | Well Diameter: 3" | Approx. Pump Depth: 77 Feet
Screen Interval: top 72 bottom 82 Feet

SAMPLING SUMMARY:

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

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)
1220	7.46	0.590	14.23	4.6	200	26.51	0	7.17	70.2
1225	7.33	0.594	14.07	1.7	200	26.51	0	7.07	73.3
1230	7.32	0.596	14.08	2.50	200	26.51	0	6.91	75.1
1235	7.30	0.596	14.05	3.64	200	26.51	0	6.86	76.1
1240	7.29	0.597	14.01	5.24	200	26.51	0	6.84	76.8
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1240	7.29	0.597	14.01	5.24	200	26.51	0	6.84	76.8

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-29(82.5)-G081523 | Time: 1240

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	63	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-29 (103.3) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/15/23 | Start Time: 1130 | Weather: Rain 70s

MEASUREMENT SUMMARY:

Measuring Point: TOC | Depth to Water: 28.75 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 103 | Well Diameter: 2" | 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: 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)
1140	7.52	0.525	14.61	9.20	200	28.75	0	8.67	5.9
1145	7.32	0.523	14.27	31.8	200	28.75	0	8.18	21.7
1150	7.34	0.522	14.09	18.4	200	28.75	0	8.24	36.1
1155	7.31	0.520	14.10	2.2	200	28.75	0	8.26	41.4
1200	7.31	0.519	14.08	0.0	200	28.75	0	8.24	46.3
1205	7.30	0.518	14.06	0.0	200	28.75	0	8.21	50.1

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1205	7.30	0.518	14.06	0.0	200	28.75	0	8.21	50.1

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-MW29(103.3)-6081523 | Time: 1205

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW-30 (41.1) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GJ | Date: 8/15/23 | Start Time: 1035 | Weather: Rain ~~70s~~

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 21.37 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 41 | Well Diameter: 2" | Approx. Pump Depth: 35 Feet
Screen Interval: top 31 bottom 41 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☑ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1045 | 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)
1050	7.11	0.794	13.40	0.0	200	21.37	0	1.45	-91.7
1055	7.07	0.767	13.14	0.0	200	21.37	0	1.50	-91.7
1100	7.05	0.760	13.12	0.0	200	21.37	0	1.48	-92.6
1105	7.04	0.757	13.13	0.0	200	21.37	0	1.47	-92.7
1110	7.03	0.756	13.14	0.0	200	21.37	0	1.41	-92.8
					~~200~~	~~21.37~~			
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1110	7.03	0.756	13.14	0.0	200	21.37	0	1.41	-92.8

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-MW30(41.1)-60815 23 | Time: 1110

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	063	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-31(30.9) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/15/23 | Start Time: 0945 | Weather: Rain 60s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 10.38 | Depth to Product: \ | Product Thickness: \
Total Casing Depth: 30 | Well Diameter: 2" | Approx. Pump Depth: 25 Feet
Screen Interval: top 20 bottom 30 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Bailer ☐
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	6.72	0.659	15.85	27.4	200	10.38	0.0	0.79	-56.5
1000	6.86	0.657	15.75	32.4	200	10.38	0.0	0.46	-100.6
1005	6.84	0.659	15.71	21.7	200	10.38	0.0	0.51	-115.6
1010	6.86	0.661	15.69	25.8	200	10.38	0.0	0.49	-122.6
1015	6.88	0.661	15.66	24.2	200	10.38	0.0	0.48	-128.4
1020	6.89	0.660	15.64	23.4	200	10.38	0.0	0.49	-131.5

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1020	6.89	0.660	15.64	23.4	200	10.38	0.0	0.49	-131.5

Comments: MS/MSD taken ATR-MW31(30.9)-60815233MS
ATR-MW31(30.9)-60815233MSD

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration 227 mV
SC Reference Solution 4.45 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW31(30.9)-60815233 | Time: 1020

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-31 (55-5) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/15/23 | Start Time: 0910 | Weather: Rain 60's

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 10.75 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 55 | Well Diameter: 2" | Approx. Pump Depth: 50 Feet
Screen Interval: top 45 bottom 55 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
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)
0920	7.21	0.522	15.45	0.0	250	10.85	0.10	8.33	153.7
0925	7.19	0.515	15.27	0.0	250	10.85	0.10	8.25	155.7
0930	7.17	0.515	15.27	0.0	250	10.85	0.10	8.22	155.9
0935	7.15	0.516	15.28	0.0	250	10.85	0.10	8.25	156.6
0940	7.15	0.516	15.26	0.0	250	10.85	0.10	8.21	157.4
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0940	7.15	0.516	15.26	0.0	250	10.85	0.10	8.21	157.4

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-MW31(55.5)-20230815 | Time: 0940

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	63	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW-31 (98.5) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: CS | Date: 8/15/23 | Start Time: 08.35 | Weather: Rain 60's

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 16.03 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 98.5 | Well Diameter: 2" | Approx. Pump Depth: 54 Feet
Screen Interval: top 80 bottom 100 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 835 | 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	6.69	0.637	15.84	0.0	300	16.04	0.01	5.26	158.7
0845	6.95	0.641	15.47	0.0	300	16.04	0.01	4.66	155.8
0850	6.97	0.642	15.43	0.0	300	16.04	0.01	4.59	156.4
0855	6.96	0.644	15.38	0.0	300	16.04	0.01	4.52	156.6
0900	6.96	0.647	15.31	0.0	300	16.04	0.01	4.49	156.9
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0900	6.96	0.647	15.31	0.0	300	16.04	0.01	4.49	156.9

Comments: * Replicate ATR-MW31(98.5)-081523R taken

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(98.5)-081523 | Time: 0900

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 32(24.1) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JRT | Date: 08/15/23 | Start Time: 1050 | Weather: Cloudy, 65°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 21.59 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: ____ | Well Diameter: 2" | Approx. Pump Depth: ~~19~~ ~~23~~ 22.5 Feet
Screen Interval: top 14 bottom 24 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1103 | Pump Stopped: 1144 | 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	7.17	0.409	14.881	4.69	100	21.59	—	7.69	254.4
1115	7.12	0.401	14.642	2.57	100	21.59	—	7.69	259.4
1120	7.14	0.380	14.420	3.12	100	21.59	—	7.46	263.1
1125	7.15	0.361	14.452	4.24	100	21.60	0.01	6.94	265.7
1130	7.17	0.350	14.432	1.63	100	21.60	0.01	6.69	268.3
1135	7.18	0.346	14.432	1.60	100	21.60	0.01	6.64	269.9
1140	7.18	0.342	14.517	6.03	100	21.60	0.01	6.58	271.8
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1140	7.18	0.342	14.517	6.03	100	21.60	0.01	6.58	271.8

Comments: ____

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration ____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 32(24.1)-6081523 | Time: 1142

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 32(89) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JTZ | Date: 08/15/23 | Start Time: 1155 | Weather: Cloudy, 69°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 35.22 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 89 | Well Diameter: 2" | Approx. Pump Depth: 84 Feet
Screen Interval: top 79 bottom 89 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1218 | Pump Stopped: 1306 | 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	7.35	0.605	15.560	0.81	125	35.20	—	7.46	262.2
1230	7.01	0.636	15.165	0.00	125	35.21	—	2.02	90.8
1235	6.97	0.642	15.090	0.00	125	35.22	—	1.03	6.4
1240	6.96	0.642	14.999	0.14	125	35.22	—	0.88	-24.5
1245	6.96	0.643	14.962	0.00	150	35.22	—	0.82	-41.9
1250	6.96	0.643	15.377	0.00	150	35.21	—	0.78	-50.4
1255	6.96	0.645	15.322	0.03	150	35.21	—	0.75	-57.1
1300	6.97	0.646	15.098	0.00	150	35.22	—	0.74	-60.3
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1300	6.97	0.646	15.098	0.00	150	35.22	—	0.74	-60.3

Comments: Informed ~~Jerry~~ by Jerry that he already got the rest of the TD's, will not TD the rest, switches to new rolls of tubing

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration _____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 32(89)-GD081523 | Time: 1304

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW34(37) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JRX | Date: 08/15/23 | Start Time: ~~0815~~ 0830 | Weather: Drizzle, 64°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 25.16 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 36.25 | Well Diameter: 2" | Approx. Pump Depth: 32 Feet
Screen Interval: top 27 bottom 37 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 0851 | Pump Stopped: 0923 | 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	7.12	0.739	15.618	12.58	50	25.17	0.01	4.45	195.5
0900	6.94	0.738	14.135	8.91	150	25.18	0.02	2.84	214.7
0905	6.90	0.738	13.854	16.07	150	25.18	0.02	2.61	218.9
0910	6.85	0.739	13.717	13.38	150	25.18	0.02	2.48	223.0
0915	6.84	0.739	13.725	11.19	150	25.18	0.02	2.39	225.7
0920	6.83	0.740	13.663	10.64	150	25.18	0.02	2.38	228.2
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0920	6.83	0.740	13.663	10.64	150	25.18	0.02	2.38	228.2

Comments: TD 36.25 Hard Bottom

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration _____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 34(37)-G081523 | Time: 0922

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 34(85) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JRT | Date: 08/15/23 | Start Time: 0938 | Weather: Drizzle, 65°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 25.14 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 83.45 | Well Diameter: 2" | Approx. Pump Depth: 80 Feet
Screen Interval: top 75 bottom 85 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 0946 | Pump Stopped: 1024 | 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)
0950	6.95	0.762	14.800	3.37	125	25.13	—	8.20	246.1
0955	6.77	0.766	14.009	0.04	125	25.11	—	2.78	256.7
1000	6.74	0.766	13.958	0.00	125	25.11	—	1.80	258.3
1005	6.74	0.766	13.874	0.00	125	25.11	—	1.42	259.8
1010	6.74	0.765	13.832	0.00	125	25.11	—	1.27	260.8
1015	6.74	0.765	13.783	0.00	125	25.11	—	1.22	261.9
1020	6.75	0.765	13.710	0.00	125	25.11	—	1.16	262.8
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1020	6.75	0.765	13.710	0.00	125	25.11	—	1.16	262.8

Comments: TD 83.45 Hard bottom

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration ____ mV
SC Reference Solution: 4.49 mS/cm | Turbidity Cal. Solution: 0.00 NTUs

Sample Name: ATR-MW 34(85)-6091523 | Time: 1022

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 35(45) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JRT | Date: 08/14/23 | Start Time: 1520 | Weather: Cloudy, 75°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 29.12 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: ____ | Well Diameter: >1" | Approx. Pump Depth: ~39 Feet
Screen Interval: top 35 bottom 45 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: ~~1529~~ 1533 | Pump Stopped: 1401 | 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)
1540	7.18	0.379	14.545	11.92	175	29.12	0.00	8.27	184.3
1545	7.03	0.372	14.306	8.47	175	29.12	0.00	8.35	188.5
1550	6.99	0.369	14.240	7.75	175	29.12	0.00	8.45	191.3
1555	6.98	0.369	14.230	7.21	175	29.12	0.00	8.46	194.3
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1555	6.98	0.369	14.230	7.21	175	29.12	0.00	8.46	194.3

Comments: 1534 pumping mostly air. ~~pulling pump~~ increase pressure, pumping water ~30 psi

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration ____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 35(45)-6081423 | Time: ~~1400~~ 1600

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-36(35.2) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GJ | Date: ~~6/05~~ 08/14/23 | Start Time: 1605 | Weather: OVCST 70s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 17.55 | Depth to Product: \ | Product Thickness: \
Total Casing Depth: ~~35~~ | 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 ☐ | Bailer ☐
Pump Started: 1610 | Pump Stopped: | Total Gallons:

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1615	7.20	0.714	14.79	147.4	200	18.01	0.00	1.07	26.7
1620	7.22	0.712	14.83	101.4	200	18.01	0.00	1.33	32.7
1625	7.23	0.710	14.77	76.8	200	18.01	0.00	1.35	34.6
1630	7.24	0.708	14.77	59.7	200	18.01	0.00	1.46	38.4
1635	7.25	0.708	14.81	58.07	200	18.01	0.00	1.43	41.4
1640	7.21	0.709	14.83	56.4	200	18.01	0.00	1.46	43.5
1645	7.18	0.709	14.85	55.9	200	18.01	0.00	1.47	43.1
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1645	7.18	0.709	14.85	55.9	200	18.01	0.00	1.47	43.1

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(35.2)-608142323 | Time: 1645

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-36 (92.4) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/14/23 | Start Time: 1500 | Weather: Overcast 70s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 18.03 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 92 | Well Diameter: 2" | Approx. Pump Depth: 85 Feet
Screen Interval: top 80 bottom 90 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
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)
1535	7.29	0.657	15.26	0.0	200	18.03	0	1.14	26.9
1530	7.14	0.661	15.25	0.0	200	18.03	0	0.76	26.7
1535	7.13	0.661	15.33	0.0	200	18.03	0	0.70	26.6
1540	7.13	0.660	15.34	0.0	200	18.03	0	0.68	25.8
1545	7.12	0.659	15.36	0.0	200	18.03	0	0.65	25.4

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1545	7.12	0.659	15.36	0.0	200	18.03	0	0.65	25.4

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)-060814-23 | Time: 1545

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 35(90) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: ~~JRT~~ | Date: 08/14/23 | Start Time: ~~1440~~ 1610 | Weather: Raining, 74°

MEASUREMENT SUMMARY:
Measuring Point: ~~TOC~~ | Depth to Water: 29.10 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: ____ | Well Diameter: 2" | Approx. Pump Depth: 85 Feet
Screen Interval: top 80 bottom 90 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: ~~1419~~ 1619 | Pump Stopped: 1659 | 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)
1625	7.38	0.620	17.220	7.36	100	29.10	0.00	2.48	218.1
1630	7.05	0.671	16.274	5.69	100	29.10	0.00	5.16	156.6
1635	6.96	0.703	16.008	5.99	100	29.10	0.00	1.91	16.0
1640	6.97	0.708	16.048	5.49	100	29.10	0.00	1.06	-27.4
1645	6.98	0.708	15.985	5.54	100	29.10	0.00	0.88	-46.6
1650	6.99	0.710	15.894	5.34	100	29.10	0.00	0.84	-56.4
1655	7.00	0.710	15.952	5.47	100	29.10	0.00	0.77	-63.5
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1655	7.00	0.710	15.952	5.47	100	29.10	0.00	0.77	-63.5

Comments: Bladder pump has slow down, needs maintenance

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration ____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution D.I.00 NTUs

Sample Name: ATR-MW35(90)-608142 3 | Time: 1658

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	~~3~~ 36	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ____ ☐			Other: ____ ☐		

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-37(23.3) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JRT | Date: 08/14/23 | Start Time: 11:22 | Weather: Clear, 74°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.86 ft | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 23.3 | Well Diameter: 2" | Approx. Pump Depth: 18 Feet
Screen Interval: top 13.3 bottom 23.3 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 12:04 | Pump Stopped: 1300 | 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)
1210	6.83	0.628	15.96	171.1	175	9.89	0.03	1.58	382.9
1215	6.69	0.635	15.175	78.81	175	9.90	0.04	0.67	282.5
1220	6.67	0.634	15.516	42.03	175	9.90	0.04	0.63	202.7
1225	6.67	0.635	15.489	47.96	175	9.90	↑	0.63	140.6
1230	6.67	0.636	15.332	41.80	175	9.90		0.63	110.7
1235	6.67	0.635	15.408	26.19	175	9.90		0.64	81.9
1240	6.68	0.635	15.228	26.60	175	9.90		0.64	65.8
1245	6.68	0.636	15.223	31.12	175	9.90		0.64	53.5
1250	6.66	0.635	15.181	29.82	175	9.90		0.65	45.01
1255	6.69	0.628	15.267	31.43	175	9.90	0.04	0.65	40.6
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1255	6.69	0.638	15.267	31.43	175	9.90	0.04	0.65	40.6

Comments: TD: 22.25 Hard bottom

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration _____ mV
SC Reference Solution: ~~4.49~~ 4.49 mS/cm | Turbidity Cal. Solution: 0.00 NTUs

Sample Name: ATR-MW-37(23.3)-GW081423 | Time: 12:59

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 37 (70)
Project Number: 7775-23-2012 | (Use: Well name)
Sampling Personnel: JRT | Date: 08/14/23 | Start Time: 1305 | Weather: Cloudy, 74°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: ~~7.30~~ 8.31 JT | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: ~~70~~ | Well Diameter: 2" | Approx. Pump Depth: 64 Feet
Screen Interval: top 60 bottom 70 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1315 | Pump Stopped: 1350 | Total Gallons: _____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
~~1325~~	6.92	0.743	6.815	25.35	175	7.70	0.00	4.26	177.3
~~1330~~	6.81	0.745	6.439	23.22	175	7.70		3.00	179.8
1335	6.78	0.745	6.272	11.69	175	7.70		2.73	181.8
1340	6.78	0.745	6.165	5.35	175	7.70		2.57	184.2
1345	6.78	0.745	6.209	5.43	175	7.70	0.00	2.49	186.1
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1345	6.78	0.745	16.209	5.43	175	7.70	0.00	2.49	186.1

Comments: TD: 70.57 Hard Bottom

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration ~~227~~ mV
SC Reference Solution ~~1.413~~ 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 37 (70) - 60814 23 | Time: ~~1304~~ 1349

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 37(98) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JBT | Date: 08/14/23 | Start Time: 1355 | Weather: Cloudy, 74°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 7.72 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 107.10 | Well Diameter: 2" | Approx. Pump Depth: 92 Feet
Screen Interval: top 88 bottom 98 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1408 | Pump Stopped: 1444 | 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	7.11	0.680	16.163	13.32	250	7.73	0.01	7.08	205.0
1415	6.86	0.696	14.456	6.99	250	7.73	0.01	0.77	40.4
1420	6.85	0.696	14.186	6.15	250	7.74	0.02	0.69	-2.7
1425	6.85	0.696	14.133	5.10	250	7.74	0.02	0.67	-16.5
1430	6.86	0.696	13.997	5.01	250	7.74	0.02	0.65	-27.3
1435	6.87	0.696	13.997	4.71	250	7.75	0.03	0.66	-33.0
1440	6.87	0.696	13.953	4.69	250	7.75	0.03	0.65	-37.1
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1440	6.87	0.696	13.953	4.69	250	7.75	0.03	0.65	-37.1

Comments: TD: 97.10 Hard Bottom

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration 239 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 37(98)-608423 | Time: 1443

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-38(20.8) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/14/23 | Start Time: 1415 | Weather: overcast 80

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 7.55 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 20 | Well Diameter: 2" | Approx. Pump Depth: 15 Feet
Screen Interval: top 10 bottom 20 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
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	7.07	0.496	15.90	39.2	200	~~7.55~~	~~0~~	0.98	-103.7
1430	7.06	0.496	14.85	36.1	200	7.55	~~0.50~~	0.52	-50.9
1435	7.03	0.495	14.75	34.2	200	7.55	0	0.49	-151.6
1440	7.04	0.495	14.65	34.4	200	7.55	0	0.48	-154.2
1445	7.04	0.495	14.61	34.2	200	7.55	0	0.41	-155.4
1450	7.04	0.495	14.59	34.6	200	7.55	0	0.46	-157.4
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1450	7.04	0.495	14.59	34.6	200	7.55	0	0.46	-157.4

Comments: _____

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration 237 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW38(20.8)-GW081423 | Time: 1450

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-38(29.1) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/14/23 | Start Time: 1345 | Weather: overcast 80s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 7.51 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 29.1 | Well Diameter: 2" | Approx. Pump Depth: 25 Feet
Screen Interval: top 20 bottom 30 Feet

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

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1350	7.09	0567	17.15	6.1	200	7.51	0	5.20	107.6
1355	7.07	0.491	16.40	5.9	200	7.51	0	0.71	90.5
1400	7.09	0.491	16.38	3.8	200	7.51	0	0.62	89.7
1405	7.09	0.490	16.35	2.6	200	7.51	0	0.58	86.1
1410	7.08	0.490	16.35	1.8	200	7.51	0	0.56	84.2
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1410	7.08	0.490	16.35	1.8	200	7.51	0	0.56	84.2

Comments:

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

Sample Name: ATR-MW 38(29.1)-6081423 | Time: 1410

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	63	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-38(69.9) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: [illegible] | Date: 8/14/23 | Start Time: 1300 | Weather: sun 80's

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 7.16 | Depth to Product: 1 | Product Thickness: 1
Total Casing Depth: 69.9 | Well Diameter: 2" | Approx. Pump Depth: 64 Feet
Screen Interval: top 60 bottom 70 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
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)
1310	7.54	0.617	15.85	0.0	200	7.16	0	8.91	77.3
1315	7.33	0.626	15.70	0.0	200	7.16	0	8.13	86.2
1320	7.36	0.628	15.11	0.0	200	7.16	0	7.35	96.9
1325	7.38	0.628	15.14	0.0	200	7.16	0	7.31	107.1
1330	7.39	0.629	15.20	0.0	200	7.16	0	7.27	110.4
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1330	7.39	0.629	15.20	0.0	200	7.16	0	7.27	110.4

Comments: * Replicate taken ATR-MW38(69.9)-G081423R

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-MW38(69.9)-G081423 | Time: 1330

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	36	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water [ ] Groundwater [✓] Sample ID ATR-MW-39(13) (Use: Well name)

Project Number 7775-23-2012

Sampling Personnel GS Date 8/14/22 Start Time 1215 Weather sun 85°

MEASUREMENT SUMMARY:

Measuring Point TOC Depth to Water 4.51 Depth to Product \ Product Thickness \

Total Casing Depth 10 Well Diameter 2 Approx. Pump Depth 8 Feet

Screen Interval top 3 bottom 13 Feet

SAMPLING SUMMARY:

Sampling Method: Grab [✓] Composite [ ] Grundfos [ ] Bladder Pump [X] 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)
1225	6.96	0.897	18.23	9.47	200	4.81	0.30	0.68	84.8
1230	7.02	0.898	17.83	6.23	200	4.81	0.30	0.49	80.0
1235	7.05	0.898	17.81	5.16	200	4.81	0.30	0.48	78.9
1240	7.07	0.898	17.79	3.23	200	4.81	0.30	0.44	74.2
1245	7.06	0.898	17.72	3.17	200	4.81	0.30	0.42	71.6

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1245	7.06	0.898	17.72	3.17	200	4.81	0.30	0.42	71.6

Comments: * MS/MSD taken @ 1245
ATR-MW39(13)-6081422MS ATR-MW39(13)-6081422MSD

Calibration: pH Calibration Buffers: 4 [✓] 7 [✓] 10 [✓] ORP Calibration 220 mV

SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-MW39(13)-6081422 Time 1245

Analyses (check) Bottle #/Type Preservative

VOCs [✓] 3G 1

TOC + NO_3 [ ] ____ ____

Fe/Mn [ ] ____ ____

Dissolved Gasses [ ] ____ ____

VFA [ ] ____ ____

DHC [ ] ____ ____

Alkalinity + Anions (Cl-, SO4) [ ] ____ ____

Other:____ [ ] ____ ____

Other:____ [ ] ____ ____

Bottle Type:
G = Glass
P = Poly

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

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

wsp

GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-35 (29.3) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: CS | Date: 8/14/23 | Start Time: 1135 | Weather: overcast 80's

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 4.35 | Depth to Product: \ | Product Thickness: \
Total Casing Depth: 30 | Well Diameter: 2" | Approx. Pump Depth: 25 Feet
Screen Interval: top 20 bottom 30 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)
1150	6.88	0.725	15.38	5.6	200	4.61	0.35	5.08	81.1
1155	6.85	0.725	15.05	4.95	200	4.61	0.35	4.55	85.3
1200	6.82	0.726	14.87	4.82	200	4.61	0.35	2.63	89.2
1205	6.82	0.726	14.74	4.17	200	4.61	0.35	2.58	87.6
1210	6.89	0.727	14.72	4.64	200	4.61	0.35	2.49	86.2
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1215	6.89	0.727	14.72	4.64	200	4.61	0.35	2.49	86.2

Comments: _____

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration 225 mV
SC Reference Solution 4.45 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW-35 (29.3) - 20081423 | Time: 1210

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 48(159) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: ~~JRT~~ | Date: 08/16/23 | Start Time: 1040 | Weather: Sunny 70°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 27.71 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 159 | Well Diameter: 2" | Approx. Pump Depth: 144 Feet
Screen Interval: top 149 bottom 159 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1056 | Pump Stopped: 1114 | 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)
1100	7.44	0.646	14.031	2.18	200	28.07	0.36	2.28	126.5
1105	7.25	0.640	13.213	1.03	200	28.08	0.37	1.50	129.3
1110	5.21	0.646	13.190	0.75	200	28.07	~~0.36~~ 0.36	1.42	130.1
1115	~~7.18~~	0.640	13.054	0.77	200	28.07	~~0.36~~	1.38	130.7
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1115	7.19	0.640	13.054	0.77	200	28.07	0.36	1.38	130.7

Comments: ~~A~~ 7.19 pH

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration _____ mV
SC Reference Solution 4149 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 48(159)-GW08162 3 | Time: 11:18

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 50(45)
Project Number: 7775-23-2012 | (Use: Well name)
Sampling Personnel: JRT | Date: 08/15/23 | Start Time: 1340 | Weather: Cloudy, 70°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 8.10 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 45 | Well Diameter: 2" | Approx. Pump Depth: 40 Feet
Screen Interval: top 35 bottom 45 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1351 | Pump Stopped: 1419 | 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)
1355	7.11	0.632	14.263	28.92	200	8.10	—	1.28	95.9
1400	6.95	0.629	13.907	15.39	200	8.10	—	0.76	-11.4
1405	6.93	0.627	13.732	6.91	200	8.10	—	0.71	-38.1
1410	6.93	0.626	13.666	5.46	200	8.10	—	0.69	-48.1
1415	6.93	0.625	13.549	3.94	200	8.10	—	0.68	-57.4
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1415	6.93	0.625	13.549	3.94	200	8.10	—	0.68	-57.4

Comments: Sonde at low battery, forgot to charge it

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration ____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.60 NTUs

Sample Name: ATR-MW 50(45)-6081523 | Time: 1418

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 50(80) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: ATRT | Date: 08/15/23 | Start Time: 1430 | Weather: Cloudy, 71°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.04 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 80 | Well Diameter: 2" | Approx. Pump Depth: 75 Feet
Screen Interval: top 70 bottom 80 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1443 | Pump Stopped: 1534 | 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)
1455	6.90	0.631	14.190	44.14	150	9.08	0.04	0.93	28.0
1500	6.90	0.638	14.072	28.77	150	9.10	0.06	0.81	9.9
1505	6.88	0.646	14.009	31.12	150	9.10	0.06	0.76	-7.3
1510	Clumps of iron ~~flowing~~ in flow-through cell, pauses pump to clean it out								
1515	6.89	0.651	13.839	11.25	150	9.10	0.06	0.84	5.4
1520	6.90	0.653	13.769	19.19	150	9.10	0.06	0.70	-12.2
1525	6.90	0.653	13.725	15.84	150	9.10	0.06	0.71	-16.8
1530	6.90	0.650	13.740	9.78	150	9.10	0.06	0.70	-21.0
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1530	6.90	0.650	13.740	9.78	150	9.10	0.06	0.70	-21.0

Comments: Exo 2 Hand Unit at 6% battery, forgot to charge it, do not have charger
1515 Battery at 4%, 1526 Battery at 2% with one reading to go

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration _____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 50(80)-G081523 | Time: 1532

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 51(25') (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: JLT | Date: 08/16/23 | Start Time: 0930 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 3.47 | Depth to Product: N/A | Product Thickness: N/A
Total Casing Depth: 25 | Well Diameter: 2" | Approx. Pump Depth: 23 Feet
Screen Interval: top 15 bottom 25 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 0940 | Pump Stopped: 1004 | 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)
0945	6.82	0.644	15.625	6.24	200	3.47	—	1.07	-92.0
0950	6.79	0.648	15.346	21.04	200	3.47	—	0.70	-84.3
0955	6.78	0.650	15.301	18.42	200	3.47	—	0.69	-79.7
1000	6.79	0.651	~~15.21~~	13.21	200	3.47	—	0.69	-82.7
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1000	6.79	0.651	15.173	13.21	200	3.47	—	0.69	-82.7

Comments: ~~15.173~~

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration _____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW-~~50~~51(25)-GW081623 | Time: 1002

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW 51(70)
Project Number: 7775-23-2012 | (Use: Well name)
Sampling Personnel: JRT | Date: 08/16/23 | Start Time: 0830 | Weather: Clear, 62°

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 3.50 | Depth to Product: N/A | Product Thickness: N/A
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 ☐ Bailer ☐
Pump Started: 0847 | Pump Stopped: 0924 | 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	6.99	0.610	15.587	22.79	125	3.53	0.03	2.21	124.1
0900	6.92	0.620	15.562	17.58	125	3.53	0.03	1.00	47.3
0905	6.92	0.621	15.519	15.55	125	3.53	0.03	0.80	-4.7
0910	6.92	0.621	15.478	13.18	125	3.53	0.03	0.73	-33.3
0915	6.93	0.621	15.482	8.86	125	3.53	0.03	0.75	-42.7
0920	6.94	0.620	15.502	6.82	125	3.53	0.03	0.73	-49.4
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0920	6.94	0.620	15.502	6.82	125	3.53	0.03	0.73	-49.4

Comments: Struck bottom while trying to keep clear tubing from tangling

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration _____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ATR-MW 51(70)-608162 3 | Time: 0923

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	36	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-52 (55)
Project Number: 7775-23-2012 | (Use: Well name)
Sampling Personnel: GS | Date: 8/17/23 | Start Time: 0835 | Weather: Sun Cool

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 15.71 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 55 | Well Diameter: 2" | Approx. Pump Depth: 50 Feet
Screen Interval: top 45 bottom 55 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 0840 | 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	6.79	~~0.33~~ 0.336	14.14	0.6	200	15.71	0	4.89	38.7
0850	6.23	0.336	16.10	0	200	15.71	0	3.65	51.6
0855	6.37	0.314	14.20	0	200	15.71	0	2.64	55.1
0900	6.41	0.324	16.18	0	200	15.71	0	2.38	59.4
0905	6.44	0.328	16.16	0	200	15.71	0	2.31	63.2
0910	6.44	0.336	16.15	0	200	15.71	0	2.28	67.1
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0910	6.44	0.336	16.15	0	200	15.71	2.28	2.28	67.1

Comments: * MS/MSD taken ATR-MW52(55)-608172323 MS
ATR-MW52(55)-608172323MSD

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-MW52(55)-608172323 | Time: 0910

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

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

MS/MSD: X | 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) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/17/23 | Start Time: 0930 | Weather: sun 60's

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.35 | Depth to Product: / | Product Thickness: /
Total Casing Depth: ~~30~~ 38 | Well Diameter: 2" | Approx. Pump Depth: 33 Feet
Screen Interval: top 28 bottom 38 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
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)
0940	7.46	0.575	18.83	0	200	9.35	0	5.76	68.7
0945	7.43	0.577	18.57	0	200	9.35	0	4.35	68.2
0950	7.38	0.578	18.41	0	200	9.35	0	4.30	68.0
0955	7.36	0.581	18.38	0	200	9.35	0	4.22	67.7
1000	7.36	0.584	18.36	0	200	9.35	0	4.19	67.5

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1000	7.36	0.584	18.36	0	200	9.35	0	4.19	67.5

Comments:

Calibration: pH Calibration Buffers: 4 / | 7 / | 10 / | ORP Calibration 229 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 225 NTUs

Sample Name: ATR-MW57(38)-608723 | Time: 1000

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	36	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-55(46) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: LS | Date: 8/17/23 | Start Time: 745 | Weather: Sunny

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: ~~15.0~~ ~~15.75~~ 15.25 (TOC) | Depth to Product: \ | Product Thickness: \
Total Casing Depth: 46 | Well Diameter: _____ | Approx. Pump Depth: 41 Feet
Screen Interval: top 36 bottom 46 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
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) (TOC)	Drawdown (ft)	DO (mg/L)	ORP (mV)
0810	6.42	3.997	14.73	0.0	200	~~15.75~~	0	0.87	-75.7
0815	6.620	3.978	14.70	1.10	200	15.25	0	0.65	-100.0
0820	6.67	3.980	14.61	0	200	15.25	0	0.61	-108.4
0825	6.67	3.983	14.57	0	200	15.25	0	0.58	-112.5
0830	6.69	3.981	14.54	0	200	15.25	0	0.56	-114.7

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0830	6.69	3.981	14.54	0	200	15.25	0	0.56	-114.7

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-MW55(46)-608173 | Time: 0830

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-60(38) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/16/23 | Start Time: 1440 ~~0848~~ | Weather: Sunny

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 14.24 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 38 | Well Diameter: 2" | Approx. Pump Depth: 33 Feet
Screen Interval: top 38 bottom 38 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1440 | 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)
1445	7.31	2.445	15.06	5.31	200	14.24	0	0.68	-140.5
1450	7.31	2.420	15.21	3.01	200	14.24	0	0.64	-148.1
1455	7.30	2.416	15.22	0	200	14.24	0	0.55	-152.4
1500	7.26	2.411	15.17	0	200	14.24	0	0.54	-155.6
1505	7.28	2.407	15.18	0	200	14.24	0	0.50	-160.1
								0.50	-160.1

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1505	7.28	2.407	15.18	0	200	14.24	0	0.50	-160.1

Comments: * Replicate ATR-MW60(38)-GW081623R taken

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-MW60(38)-GW081623 | Time: 1505

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID: ATR-MW-67 (30) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS Date: 8/16/23 Start Time: 0915 Weather: sun 70s

MEASUREMENT SUMMARY:
Measuring Point: TOC Depth to Water: 25.58 Depth to Product: \ Product Thickness: \
Total Casing Depth: 30 Well Diameter: 1.5" Approx. Pump Depth: / Feet
Screen Interval top: 20 bottom: 30 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ (struck) Peristaltic Pump ☐ Bailer ☒

Pump Started: 0900 Pump Stopped: ____ Total Gallons: ____

~~Time~~ Gal (~~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)
0.5	7.04	1.201	16.91	2.5	/	/	/	4.21	28.6
0.75	7.09	1.984	16.64	187	/	/	/	4.46	35.2
1.25	7.18	1.222	16.53	222	/	/	/	3.99	41.5

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1.25	7.18	1.222	16.53	222				3.99	41.5

Comments: 3PV = 1.24

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-67(30)-6081623 Time: 0945

Analyses (check)		Bottle #/Type	Preservative			Bottle #/Type	Preservative
VOCs	☒	63	1	Dissolved Gasses	☐		
TOC + NO_3	☐			VFA	☐		
Fe/Mn	☐			DHC	☐		
				Alkalinity + Anions (Cl-, SO4)	☐		
Other:____	☐			Other:____	☐		

Bottle Type:
G = Glass
P = Poly

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-71(33) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GJ | Date: 8/16/23 | Start Time: 1000 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 25.29 | Depth to Product: \ | Product Thickness: \
Total Casing Depth: 33 | Well Diameter: 1.5 | Approx. Pump Depth: \ Feet
Screen Interval: top 23 bottom 33 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)
1.0	7.23	1.364	16.86	58.2	\	\	\	4.23	13.6
1.75	7.16	1.348	16.75	14.2	\	\	\	3.98	21.8
2.25	7.09	1.356	16.46	226.1	\	\	\	4.52	32.4
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
2.25	7.09	1.356	16.46	226.1	_____	_____	_____	4.52	32.4

Comments: 3PV = 2.17 gal

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 71(33)-608162323 Time: 1025

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-84(44) (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/14/23 | Start Time: 1150 | Weather: Sun 70's

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 41.57 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 44 | Well Diameter: 2" | Approx. Pump Depth: 43 Feet
Screen Interval: top 34 bottom 44 Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☒ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1200 | 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)
1205	7.35	0.831	15.52	206	200	41.57	0	3.63	26.9
1210	7.04	0.824	15.49	128	200	41.57	0	2.86	40.2
1215	7.02	0.815	15.04	57.7	200	41.57	0	2.28	39.7
1220	6.99	0.805	15.02	38.7	200	41.57	0	2.00	39.9
1225	6.98	0.802	15.00	37.4	200	41.57	0	1.92	35.8
1230	6.96	0.800	15.01	37.1	200	41.57	0	1.91	39.7

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1230	6.96	0.800	15.01	37.1	200	41.57	0	1.91	39.7

Comments:

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

Sample Name: ATR-MW-84(44)-608162 3 | Time: 1230

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ~~ATR-MW~~ ATR-OW6(38)
Project Number: 7775-23-2012 | (Use: Well name)
Sampling Personnel: LS | Date: 8/16/23 | Start Time: 0850 | Weather: SUN 70s

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.80 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 38 | Well Diameter: 2" | Approx. Pump Depth: 35 Feet
Screen Interval: top 28 bottom 38 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)
0850	7.16	0.594	13.47	0.0	250	9.83	0.03	0.80	-23.6
0855	7.06	0.649	13.41	0.0	250	9.83	0.03	0.63	-86.7
0900	7.00	0.654	13.45	0.0	250	9.83	0.03	0.58	-94.6
0905	6.98	0.659	13.47	0.0	250	9.83	0.03	0.55	-99.2
0910	6.97	0.663	13.49	0.0	250	9.83	0.03	0.51	-103.4
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0910	6.97	0.663	13.49	0.0	250	9.83	0.03	0.51	-103.4

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~~ ATR-OW6(38)-080823 Time: 0910

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

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW ~~OW-6(63)~~ (Use: Well name)
Project Number: 7775-23-2012
Sampling Personnel: GS | Date: 8/16/23 | Start Time: 0800 | Weather: Sunny

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.21 | Depth to Product: / | Product Thickness: /
Total Casing Depth: 63 | Well Diameter: _____ | Approx. Pump Depth: 58 Feet
Screen Interval: top 53 bottom 63 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)
0810	6.65	0.714	13.67	5.8	200	9.21	0	0.54	-97.9
0815	6.67	0.714	13.58	6.1	200	9.21	0	0.52	-99.4
0820	6.70	0.712	13.57	2.8	200	9.21	0	0.51	-106.4
0825	6.73	0.710	13.55	2.2	200	9.21	0	0.50	-110.5
0830	6.75	0.709	13.54	1.9	200	9.21	0	0.49	-114.1
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0830	6.75	0.709	13.54	1.9	200	9.21	0	0.49	-114.1

Comments: _____

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☐ | ORP Calibration 219 mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution ~~20~~ 6 NTUs

Sample Name: ~~ATR-MW~~ ATR-OW6(63)-608162323 Time: 0830

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ~~ATR-MW~~ ATR-EB001
Project Number 7775-23-2012 (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 ☐ 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~~ ATR-EB001-081423 Time 1710

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

Bottle Type:
G = Glass
P = Poly

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

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

WSP

WSP USA Environment & Infrastructure Inc.

GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location **TFS Rochester** Surface Water ☐ Groundwater ☒ Sample ID ~~ATR-MW~~ ATR-EB002 (Use: Well name)

Project Number **7775-23-2012**

Sampling Personnel JRT Date 08/14/23 Start Time 1710 Weather Rainy, 74°

MEASUREMENT SUMMARY:

Measuring Point ______ Depth to Water ______ Depth to Product ______ Product Thickness ______

Total Casing Depth ______ Well Diameter ______ Approx. Pump Depth ______ Feet

Screen Interval top ______ bottom ______ Feet

SAMPLING SUMMARY:

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

Pump Started ______ Pump Stopped ______ Total Gallons ______

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

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

Comments: Equipment blank for the day 08/14/23

Calibration: pH Calibration Buffers: 4 ☐ 7 ☐ 10 ☐ ORP Calibration ______ mV

SC Reference Solution ______ mS/cm Turbidity Cal. Solution ______ NTUs

Sample Name ~~ATR-MW~~ ATR-EB002-081423 Time 1720

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

Bottle Type:
G = Glass
P = Poly

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☒ Sample ID ~~ATR-MW~~ ATR-EB001-081523
Project Number 7775-23-2012 (Use: Well name)
Sampling Personnel GS Date 8/15/23 Start Time 1600 Weather Sunny

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 225 mV
SC Reference Solution 4.49 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ~~ATR-MW~~ ATR-EB001-081523 Time 1605

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

Bottle Type:
G = Glass
P = Poly

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☒ Sample ID ~~ATR-MW~~ Eq. Blank
Project Number 7775-23-2012 (Use: Well name)
Sampling Personnel JRT Date 08/15/23 Start Time _____ Weather _____

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

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

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

Final:

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

Comments: Equipment blank 002 for 08/15/23

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

Sample Name ~~ATR-MW~~ ATR-EB002-6081523 Time 1556

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

Bottle Type:
G = Glass
P = Poly

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ~~ATR-MW~~ ATR-EB001-081603
Project Number 7775-23-2012 (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 ☐ 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~~ ATR-EB001-081603 Time 1520

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

Bottle Type:
G = Glass
P = Poly

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ~~ATR-MW~~ EB002
Project Number: 7775-23-2012 | (Use: Well name)
Sampling Personnel: JAT | Date: 08/16/23 | Start Time: 1445 | Weather: Sunny 77°

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

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

Pump Started _____ | Pump Stopped _____ | Total Gallons _____

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

Final:

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

Comments: Equipment blank for 08/16/23

Calibration: pH Calibration Buffers: 4 ☒ 7 ☒ 10 ☒ | ORP Calibration _____ mV
SC Reference Solution 4.49 mS/cm | Turbidity Cal. Solution 0.00 NTUs

Sample Name: ~~ATR-MW~~ ATR-EB002-GW08162 3 | Time: 1450

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	36	1	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO4) ☐		
Other: ☐			Other: ☐		

Bottle Type:
G = Glass
P = Poly

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ~~ATR-MW~~ ATR-EB001-081723
Project Number 7775-23-2012 (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 ☐ Bailer ☐

Pump Started _____ Pump Stopped _____ Total Gallons _____

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

Final:

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

Comments: _____

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

Sample Name ~~ATR-MW~~ EB001-081723 Time 1015

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

Bottle Type:
G = Glass
P = Poly

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

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

WSP

GROUNDWATER/SURFACE WATER SAMPLING FORM

WSP USA Environment & Infrastructure Inc.

APPENDIX B

LABORATORY REPORT

25-Aug-2023

Paul Stork
WSP USA Environment and Infrastructure Inc.
521 Byers Road, Suite 204
Miamisburg, OH 45342

Re: **TFS Rochester 7775-23-2012** Work Order: **23081645**

Dear Paul,

ALS Environmental received 57 samples on 18-Aug-2023 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 152.

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

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

Sincerely,

Jodi Blouw

Electronically approved by: Jodi Blouw

Jodi Blouw

Report of Laboratory Analysis

Certificate No: FL E871106

ALS Group, USA

Date: 25-Aug-23

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012
Work Order: **23081645**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
23081645-01	ATR-MW39(29.3)-G081423	Groundwater		8/14/2023 12:10	8/18/2023 13:30	☐
23081645-02	ATR-MW39(13)-G081423	Groundwater		8/14/2023 12:45	8/18/2023 13:30	☐
23081645-03	ATR-MW38(69.9)-G081423	Groundwater		8/14/2023 13:30	8/18/2023 13:30	☐
23081645-04	ATR-MW38(69.9)-G081423R	Groundwater		8/14/2023 13:30	8/18/2023 13:30	☐
23081645-05	ATR-MW38(29.1)-G081423	Groundwater		8/14/2023 14:10	8/18/2023 13:30	☐
23081645-06	ATR-MW38(20.8)-G041423	Groundwater		8/14/2023 14:50	8/18/2023 13:30	☐
23081645-07	ATR-MW36(92.4)-G081423	Groundwater		8/14/2023 15:45	8/18/2023 13:30	☐
23081645-08	ATR-MW36(35.2)-G081423	Groundwater		8/14/2023 16:45	8/18/2023 13:30	☐
23081645-09	ATR-EB001-081423	Groundwater		8/14/2023 17:10	8/18/2023 13:30	☐
23081645-10	ATR-MW37(23.3)-G081423	Groundwater		8/14/2023 12:59	8/18/2023 13:30	☐
23081645-11	ATR-MW37(70)-G081423	Groundwater		8/14/2023 13:49	8/18/2023 13:30	☐
23081645-12	ATR-MW37(98)-G081423	Groundwater		8/14/2023 14:43	8/18/2023 13:30	☐
23081645-13	ATR-MW35(45)-G081423	Groundwater		8/14/2023 16:00	8/18/2023 13:30	☐
23081645-14	ATR-MW35(90)-G081423	Groundwater		8/14/2023 16:58	8/18/2023 13:30	☐
23081645-15	ATR-EB002-081423	Groundwater		8/14/2023 17:20	8/18/2023 13:30	☐
23081645-16	ATR-MW31(98.5)-G081523	Groundwater		8/15/2023 09:00	8/18/2023 13:30	☐
23081645-17	ATR-MW31(98.5)-G081523R	Groundwater		8/15/2023 09:00	8/18/2023 13:30	☐
23081645-18	ATR-MW31(55.5)-G081523	Groundwater		8/15/2023 09:40	8/18/2023 13:30	☐
23081645-19	ATR-MW31(30.9)-G081523	Groundwater		8/15/2023 10:20	8/18/2023 13:30	☐
23081645-20	ATR-MW30(41.1)-G081523	Groundwater		8/15/2023 11:10	8/18/2023 13:30	☐
23081645-21	ATR-MW29(103.3)-G081523	Groundwater		8/15/2023 12:05	8/18/2023 13:30	☐
23081645-22	ATR-MW29(82.5)-G081523	Groundwater		8/15/2023 12:40	8/18/2023 13:30	☐
23081645-23	ATR-MW27(18)-G081523	Groundwater		8/15/2023 13:30	8/18/2023 13:30	☐
23081645-24	ATR-MW27(53.05)-G081523	Groundwater		8/15/2023 14:05	8/18/2023 13:30	☐
23081645-25	ATR-MW27(75.4)-G081523	Groundwater		8/15/2023 14:40	8/18/2023 13:30	☐
23081645-26	ATR-MW27(104.2)-G081523	Groundwater		8/15/2023 15:15	8/18/2023 13:30	☐
23081645-27	ATR-MW27(135)-G081523	Groundwater		8/15/2023 15:55	8/18/2023 13:30	☐
23081645-28	ATR-EB-001-081523	Groundwater		8/15/2023 16:05	8/18/2023 13:30	☐
23081645-29	ATR-0W6(63)-G081623	Groundwater		8/16/2023 08:30	8/18/2023 13:30	☐
23081645-30	ATR-0W6(38)-G081623	Groundwater		8/16/2023 09:10	8/18/2023 13:30	☐
23081645-31	ATR-MW-67(30)-G081623	Groundwater		8/16/2023 09:45	8/18/2023 13:30	☐
23081645-32	ATR-MW71(33)-G081623	Groundwater		8/16/2023 10:25	8/18/2023 13:30	☐
23081645-33	ATR-MW17-G081623	Groundwater		8/16/2023 11:20	8/18/2023 13:30	☐
23081645-34	ATR-MW84(44)-G081623	Groundwater		8/16/2023 12:30	8/18/2023 13:30	☐
23081645-35	ATR-MW19(53)-G081623	Groundwater		8/16/2023 13:15	8/18/2023 13:30	☐
23081645-36	ATR-MW3-G081623	Groundwater		8/16/2023 14:25	8/18/2023 13:30	☐
23081645-37	ATR-MW60(38)-G081623	Groundwater		8/16/2023 15:05	8/18/2023 13:30	☐
23081645-38	ATR-MW60(38)-G081623R	Groundwater		8/16/2023 15:05	8/18/2023 13:30	☐
23081645-39	ATR-MW34(37)-G081523	Groundwater		8/15/2023 09:22	8/18/2023 13:30	☐

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012
Work Order: **23081645**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
23081645-40	ATR-MW34(85)-G081523	Groundwater		8/15/2023 10:22	8/18/2023 13:30	☐
23081645-41	ATR-MW32(24.1)-G081523	Groundwater		8/15/2023 11:42	8/18/2023 13:30	☐
23081645-42	ATR-MW32(89)-G081523	Groundwater		8/15/2023 13:04	8/18/2023 13:30	☐
23081645-43	ATR-MW50(45)-G081523	Groundwater		8/15/2023 14:18	8/18/2023 13:30	☐
23081645-44	ATR-MW50(80)-G081523	Groundwater		8/15/2023 15:32	8/18/2023 13:30	☐
23081645-45	ATR-EB002-G081523	Groundwater		8/15/2023 15:56	8/18/2023 13:30	☐
23081645-46	ATR-MW51(70)-G081623	Groundwater		8/16/2023 09:23	8/18/2023 13:30	☐
23081645-47	ATR-MW51(25)-G081623	Groundwater		8/16/2023 10:02	8/18/2023 13:30	☐
23081645-48	ATR-MW-48(159)-G081623	Groundwater		8/16/2023 11:18	8/18/2023 13:30	☐
23081645-49	ATR-MW25(82)-G081623	Groundwater		8/16/2023 12:42	8/18/2023 13:30	☐
23081645-50	ATR-MW20(51)-G081623	Groundwater		8/16/2023 14:28	8/18/2023 13:30	☐
23081645-51	ATR-EB002-081623	Groundwater		8/16/2023 14:50	8/18/2023 13:30	☐
23081645-52	ATR-EB001-081623	Groundwater		8/16/2023 15:20	8/18/2023 13:30	☐
23081645-53	ATR-MW59(46)-G081723	Groundwater		8/17/2023 08:30	8/18/2023 13:30	☐
23081645-54	ATR-MW52(55)-G081723	Groundwater		8/17/2023 09:10	8/18/2023 13:30	☐
23081645-55	ATR-MW57(38)-G081723	Groundwater		8/17/2023 10:00	8/18/2023 13:30	☐
23081645-56	ATR-EB001-081723	Groundwater		8/17/2023 10:15	8/18/2023 13:30	☐
23081645-57	ATR-TB001-081423	Water		8/14/2023	8/18/2023 13:30	☐

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012
WorkOrder: 23081645

QUALIFIERS, ACRONYMS, UNITS

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

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

Units Reported	Description
µg/L	Micrograms per Liter

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012
Work Order: 23081645

Case Narrative

Samples for the above noted Work Order were received on 8/17/2023. 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 R379592a, Method SW8260D, Sample 23081645-54A MS: The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: 1,1,2-Trichloroethane

Batch R379592a, Method SW8260D, Sample 23081645-54A MSD: The RPD between the MS and MSD was outside of the control limit. The corresponding result should be considered estimated for this compound: Bromomethane

Batch R379609a, Method SW8260D, Sample 23081645-02A MSD: The 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 this analyte: bromomethane

Batch R379610a, Method SW8260D, Sample 23081645-19A MS: The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: 1,2-dichloropropane, methylene chloride

Batch R379610a, Method SW8260D, Sample 23081645-19A MSD: The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary. 1,2-dichloropropane, methylene chloride

Batch R379610a, Method SW8260D, Sample 23081645-19A MSD: The 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 this analyte: trans-1,2-dichloroethene, 1,1-

dichloroethene, 1,1-dichloroethane

Batch R379778b, Method SW8260D, Sample 23081645-53A MSD: The 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 this analyte: cis-1,2-dichloroethene

No other deviations or anomalies were noted.

ALS Group, USA

Date: *25-Aug-2023*

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW39(29.3)-G081423 **Lab ID:** 23081645-01
Collection Date: 8/14/2023 12:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 10:11 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 10:11 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Acetone	ND		10	µg/L	1	8/21/2023 10:11 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 10:11 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 10:11 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 10:11 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 10:11 PM
Surr: 1,2-Dichloroethane-d4	*100*		*80-120*	*%REC*	1	8/21/2023 10:11 PM
Surr: 4-Bromofluorobenzene	*99.0*		*80-120*	*%REC*	1	8/21/2023 10:11 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW39(29.3)-G081423 **Lab ID:** 23081645-01
Collection Date: 8/14/2023 12:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*80-120*	*%REC*	1	8/21/2023 10:11 PM
Surr: Toluene-d8	*95.4*		*80-120*	*%REC*	1	8/21/2023 10:11 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW39(13)-G081423 **Lab ID:** 23081645-02
Collection Date: 8/14/2023 12:45 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 10:28 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 10:28 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Acetone	ND		10	µg/L	1	8/21/2023 10:28 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 10:28 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 10:28 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 10:28 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 10:28 PM
Surr: 1,2-Dichloroethane-d4	*99.6*		*80-120*	*%REC*	1	8/21/2023 10:28 PM
Surr: 4-Bromofluorobenzene	*95.6*		*80-120*	*%REC*	1	8/21/2023 10:28 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW39(13)-G081423 **Lab ID:** 23081645-02
Collection Date: 8/14/2023 12:45 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*80-120*	*%REC*	1	8/21/2023 10:28 PM
Surr: Toluene-d8	*93.8*		*80-120*	*%REC*	1	8/21/2023 10:28 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW38(69.9)-G081423 **Lab ID:** 23081645-03
Collection Date: 8/14/2023 01:30 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 10:45 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 10:45 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Acetone	ND		10	µg/L	1	8/21/2023 10:45 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 10:45 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 10:45 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 10:45 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 10:45 PM
Surr: 1,2-Dichloroethane-d4	*101*		*80-120*	*%REC*	1	8/21/2023 10:45 PM
Surr: 4-Bromofluorobenzene	*93.4*		*80-120*	*%REC*	1	8/21/2023 10:45 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW38(69.9)-G081423 **Lab ID:** 23081645-03
Collection Date: 8/14/2023 01:30 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*105*		*80-120*	*%REC*	1	8/21/2023 10:45 PM
Surr: Toluene-d8	*94.8*		*80-120*	*%REC*	1	8/21/2023 10:45 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW38(69.9)-G081423R **Lab ID:** 23081645-04
Collection Date: 8/14/2023 01:30 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 11:02 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 11:02 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Acetone	ND		10	µg/L	1	8/21/2023 11:02 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 11:02 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 11:02 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 11:02 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 11:02 PM
Surr: 1,2-Dichloroethane-d4	*101*		*80-120*	*%REC*	1	8/21/2023 11:02 PM
Surr: 4-Bromofluorobenzene	*96.8*		*80-120*	*%REC*	1	8/21/2023 11:02 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW38(69.9)-G081423R **Lab ID:** 23081645-04
Collection Date: 8/14/2023 01:30 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*105*		*80-120*	*%REC*	1	8/21/2023 11:02 PM
Surr: Toluene-d8	*95.4*		*80-120*	*%REC*	1	8/21/2023 11:02 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW38(29.1)-G081423 **Lab ID:** 23081645-05
Collection Date: 8/14/2023 02:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 11:19 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 11:19 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Acetone	ND		10	µg/L	1	8/21/2023 11:19 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 11:19 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 11:19 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 11:19 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 11:19 PM
Surr: 1,2-Dichloroethane-d4	*102*		*80-120*	*%REC*	1	8/21/2023 11:19 PM
Surr: 4-Bromofluorobenzene	*95.4*		*80-120*	*%REC*	1	8/21/2023 11:19 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW38(29.1)-G081423 **Lab ID:** 23081645-05
Collection Date: 8/14/2023 02:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*80-120*	*%REC*	1	8/21/2023 11:19 PM
Surr: Toluene-d8	*92.8*		*80-120*	*%REC*	1	8/21/2023 11:19 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW38(20.8)-G041423 **Lab ID:** 23081645-06
Collection Date: 8/14/2023 02:50 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 11:36 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 11:36 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Acetone	ND		10	µg/L	1	8/21/2023 11:36 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 11:36 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 11:36 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 11:36 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 11:36 PM
Surr: 1,2-Dichloroethane-d4	*100*		*80-120*	*%REC*	1	8/21/2023 11:36 PM
Surr: 4-Bromofluorobenzene	*94.4*		*80-120*	*%REC*	1	8/21/2023 11:36 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW38(20.8)-G041423 **Lab ID:** 23081645-06
Collection Date: 8/14/2023 02:50 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	1	8/21/2023 11:36 PM
Surr: Toluene-d8	*94.0*		*80-120*	*%REC*	1	8/21/2023 11:36 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW36(92.4)-G081423 **Lab ID:** 23081645-07
Collection Date: 8/14/2023 03:45 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **DMS**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 05:11 PM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 05:11 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Acetone	ND		10	µg/L	1	8/22/2023 05:11 PM
Benzene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Bromoform	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Chloroform	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 05:11 PM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 05:11 PM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Styrene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Toluene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 05:11 PM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 05:11 PM
Surr: 1,2-Dichloroethane-d4	*102*		*80-120*	*%REC*	1	8/22/2023 05:11 PM
Surr: 4-Bromofluorobenzene	*101*		*80-120*	*%REC*	1	8/22/2023 05:11 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW36(92.4)-G081423 **Lab ID:** 23081645-07
Collection Date: 8/14/2023 03:45 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.6*		*80-120*	*%REC*	1	8/22/2023 05:11 PM
Surr: Toluene-d8	*99.4*		*80-120*	*%REC*	1	8/22/2023 05:11 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW36(35.2)-G081423 **Lab ID:** 23081645-08
Collection Date: 8/14/2023 04:45 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 12:11 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 12:11 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Acetone	ND		10	µg/L	1	8/22/2023 12:11 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 12:11 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 12:11 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 12:11 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 12:11 AM
Surr: 1,2-Dichloroethane-d4	*100*		*80-120*	*%REC*	1	8/22/2023 12:11 AM
Surr: 4-Bromofluorobenzene	*96.5*		*80-120*	*%REC*	1	8/22/2023 12:11 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW36(35.2)-G081423 **Lab ID:** 23081645-08
Collection Date: 8/14/2023 04:45 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*100*		*80-120*	*%REC*	1	8/22/2023 12:11 AM
Surr: Toluene-d8	*95.4*		*80-120*	*%REC*	1	8/22/2023 12:11 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB001-081423 **Lab ID:** 23081645-09
Collection Date: 8/14/2023 05:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 12:28 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 12:28 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Acetone	ND		10	µg/L	1	8/22/2023 12:28 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 12:28 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 12:28 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 12:28 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 12:28 AM
Surr: 1,2-Dichloroethane-d4	*101*		*80-120*	*%REC*	1	8/22/2023 12:28 AM
Surr: 4-Bromofluorobenzene	*93.9*		*80-120*	*%REC*	1	8/22/2023 12:28 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB001-081423 **Lab ID:** 23081645-09
Collection Date: 8/14/2023 05:10 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*105*		*80-120*	*%REC*	1	8/22/2023 12:28 AM
Surr: Toluene-d8	*93.0*		*80-120*	*%REC*	1	8/22/2023 12:28 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW37(23.3)-G081423 **Lab ID:** 23081645-10
Collection Date: 8/14/2023 12:59 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 12:46 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 12:46 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Acetone	ND		10	µg/L	1	8/22/2023 12:46 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 12:46 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 12:46 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 12:46 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 12:46 AM
Surr: 1,2-Dichloroethane-d4	*100*		*80-120*	*%REC*	1	8/22/2023 12:46 AM
Surr: 4-Bromofluorobenzene	*95.9*		*80-120*	*%REC*	1	8/22/2023 12:46 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW37(23.3)-G081423 **Lab ID:** 23081645-10
Collection Date: 8/14/2023 12:59 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*80-120*	*%REC*	1	8/22/2023 12:46 AM
Surr: Toluene-d8	*94.2*		*80-120*	*%REC*	1	8/22/2023 12:46 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW37(70)-G081423 **Lab ID:** 23081645-11
Collection Date: 8/14/2023 01:49 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 01:03 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 01:03 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Acetone	ND		10	µg/L	1	8/22/2023 01:03 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 01:03 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 01:03 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 01:03 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 01:03 AM
Surr: 1,2-Dichloroethane-d4	*99.8*		*80-120*	*%REC*	1	8/22/2023 01:03 AM
Surr: 4-Bromofluorobenzene	*96.6*		*80-120*	*%REC*	1	8/22/2023 01:03 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW37(70)-G081423 **Lab ID:** 23081645-11
Collection Date: 8/14/2023 01:49 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.6*		*80-120*	*%REC*	1	8/22/2023 01:03 AM
Surr: Toluene-d8	*96.4*		*80-120*	*%REC*	1	8/22/2023 01:03 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW37(98)-G081423 **Lab ID:** 23081645-12
Collection Date: 8/14/2023 02:43 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 01:20 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 01:20 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Acetone	ND		10	µg/L	1	8/22/2023 01:20 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 01:20 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 01:20 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 01:20 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 01:20 AM
Surr: 1,2-Dichloroethane-d4	*97.0*		*80-120*	*%REC*	1	8/22/2023 01:20 AM
Surr: 4-Bromofluorobenzene	*95.8*		*80-120*	*%REC*	1	8/22/2023 01:20 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW37(98)-G081423 **Lab ID:** 23081645-12
Collection Date: 8/14/2023 02:43 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*100*		*80-120*	*%REC*	1	8/22/2023 01:20 AM
Surr: Toluene-d8	*93.7*		*80-120*	*%REC*	1	8/22/2023 01:20 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW35(45)-G081423 **Lab ID:** 23081645-13
Collection Date: 8/14/2023 04:00 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 01:37 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 01:37 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Acetone	ND		10	µg/L	1	8/22/2023 01:37 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 01:37 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 01:37 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 01:37 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 01:37 AM
Surr: 1,2-Dichloroethane-d4	*99.4*		*80-120*	*%REC*	1	8/22/2023 01:37 AM
Surr: 4-Bromofluorobenzene	*96.6*		*80-120*	*%REC*	1	8/22/2023 01:37 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW35(45)-G081423 **Lab ID:** 23081645-13
Collection Date: 8/14/2023 04:00 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*80-120*	*%REC*	1	8/22/2023 01:37 AM
Surr: Toluene-d8	*96.0*		*80-120*	*%REC*	1	8/22/2023 01:37 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW35(90)-G081423 **Lab ID:** 23081645-14
Collection Date: 8/14/2023 04:58 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 01:55 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 01:55 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Acetone	ND		10	µg/L	1	8/22/2023 01:55 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 01:55 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 01:55 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 01:55 AM
Vinyl chloride	**3.2**		**1.0**	**µg/L**	1	8/22/2023 01:55 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 01:55 AM
Surr: 1,2-Dichloroethane-d4	*97.2*		*80-120*	*%REC*	1	8/22/2023 01:55 AM
Surr: 4-Bromofluorobenzene	*96.8*		*80-120*	*%REC*	1	8/22/2023 01:55 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW35(90)-G081423 **Lab ID:** 23081645-14
Collection Date: 8/14/2023 04:58 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*98.0*		*80-120*	*%REC*	1	8/22/2023 01:55 AM
Surr: Toluene-d8	*93.6*		*80-120*	*%REC*	1	8/22/2023 01:55 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB002-081423 **Lab ID:** 23081645-15
Collection Date: 8/14/2023 05:20 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 02:12 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 02:12 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Acetone	ND		10	µg/L	1	8/22/2023 02:12 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 02:12 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 02:12 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 02:12 AM
Surr: 1,2-Dichloroethane-d4	*102*		*80-120*	*%REC*	1	8/22/2023 02:12 AM
Surr: 4-Bromofluorobenzene	*93.4*		*80-120*	*%REC*	1	8/22/2023 02:12 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB002-081423 **Lab ID:** 23081645-15
Collection Date: 8/14/2023 05:20 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*80-120*	*%REC*	1	8/22/2023 02:12 AM
Surr: Toluene-d8	*91.9*		*80-120*	*%REC*	1	8/22/2023 02:12 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW31(98.5)-G081523 **Lab ID:** 23081645-16
Collection Date: 8/15/2023 09:00 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 02:29 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 02:29 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Acetone	ND		10	µg/L	1	8/22/2023 02:29 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 02:29 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 02:29 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 02:29 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 02:29 AM
Surr: 1,2-Dichloroethane-d4	*98.8*		*80-120*	*%REC*	1	8/22/2023 02:29 AM
Surr: 4-Bromofluorobenzene	*92.6*		*80-120*	*%REC*	1	8/22/2023 02:29 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW31(98.5)-G081523 **Lab ID:** 23081645-16
Collection Date: 8/15/2023 09:00 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	1	8/22/2023 02:29 AM
Surr: Toluene-d8	*93.5*		*80-120*	*%REC*	1	8/22/2023 02:29 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW31(98.5)-G081523R **Lab ID:** 23081645-17
Collection Date: 8/15/2023 09:00 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 02:46 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 02:46 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Acetone	ND		10	µg/L	1	8/22/2023 02:46 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 02:46 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 02:46 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 02:46 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 02:46 AM
Surr: 1,2-Dichloroethane-d4	*98.0*		*80-120*	*%REC*	1	8/22/2023 02:46 AM
Surr: 4-Bromofluorobenzene	*97.7*		*80-120*	*%REC*	1	8/22/2023 02:46 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW31(98.5)-G081523R **Lab ID:** 23081645-17
Collection Date: 8/15/2023 09:00 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	1	8/22/2023 02:46 AM
Surr: Toluene-d8	*96.0*		*80-120*	*%REC*	1	8/22/2023 02:46 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW31(55.5)-G081523 **Lab ID:** 23081645-18
Collection Date: 8/15/2023 09:40 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 03:03 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 03:03 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Acetone	ND		10	µg/L	1	8/22/2023 03:03 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 03:03 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 03:03 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 03:03 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 03:03 AM
Surr: 1,2-Dichloroethane-d4	*98.0*		*80-120*	*%REC*	1	8/22/2023 03:03 AM
Surr: 4-Bromofluorobenzene	*95.2*		*80-120*	*%REC*	1	8/22/2023 03:03 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW31(55.5)-G081523 **Lab ID:** 23081645-18
Collection Date: 8/15/2023 09:40 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.6*		*80-120*	*%REC*	1	8/22/2023 03:03 AM
Surr: Toluene-d8	*93.0*		*80-120*	*%REC*	1	8/22/2023 03:03 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW31(30.9)-G081523 **Lab ID:** 23081645-19
Collection Date: 8/15/2023 10:20 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 10:12 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 10:12 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Acetone	ND		10	µg/L	1	8/21/2023 10:12 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 10:12 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 10:12 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 10:12 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 10:12 PM
Surr: 1,2-Dichloroethane-d4	*101*		*80-120*	*%REC*	1	8/21/2023 10:12 PM
Surr: 4-Bromofluorobenzene	*107*		*80-120*	*%REC*	1	8/21/2023 10:12 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW31(30.9)-G081523 **Lab ID:** 23081645-19
Collection Date: 8/15/2023 10:20 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*100*		*80-120*	*%REC*	1	8/21/2023 10:12 PM
Surr: Toluene-d8	*101*		*80-120*	*%REC*	1	8/21/2023 10:12 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW30(41.1)-G081523 **Lab ID:** 23081645-20
Collection Date: 8/15/2023 11:10 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 03:21 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 03:21 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Acetone	ND		10	µg/L	1	8/22/2023 03:21 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
cis-1,2-Dichloroethene	**45**		**1.0**	**µg/L**	1	8/22/2023 03:21 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 03:21 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 03:21 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:21 AM
Trichloroethene	**9.7**		**1.0**	**µg/L**	1	8/22/2023 03:21 AM
Vinyl chloride	**9.8**		**1.0**	**µg/L**	1	8/22/2023 03:21 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 03:21 AM
Surr: 1,2-Dichloroethane-d4	*96.4*		*80-120*	*%REC*	1	8/22/2023 03:21 AM
Surr: 4-Bromofluorobenzene	*98.2*		*80-120*	*%REC*	1	8/22/2023 03:21 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW30(41.1)-G081523 **Lab ID:** 23081645-20
Collection Date: 8/15/2023 11:10 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	1	8/22/2023 03:21 AM
Surr: Toluene-d8	*96.4*		*80-120*	*%REC*	1	8/22/2023 03:21 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW29(103.3)-G081523 **Lab ID:** 23081645-21
Collection Date: 8/15/2023 12:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 10:31 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 10:31 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Acetone	ND		10	µg/L	1	8/21/2023 10:31 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 10:31 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 10:31 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 10:31 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 10:31 PM
Surr: 1,2-Dichloroethane-d4	*96.2*		*80-120*	*%REC*	1	8/21/2023 10:31 PM
Surr: 4-Bromofluorobenzene	*106*		*80-120*	*%REC*	1	8/21/2023 10:31 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW29(103.3)-G081523 **Lab ID:** 23081645-21
Collection Date: 8/15/2023 12:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*98.8*		*80-120*	*%REC*	1	8/21/2023 10:31 PM
Surr: Toluene-d8	*105*		*80-120*	*%REC*	1	8/21/2023 10:31 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW29(82.5)-G081523 **Lab ID:** 23081645-22
Collection Date: 8/15/2023 12:40 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 10:49 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 10:49 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Acetone	ND		10	µg/L	1	8/21/2023 10:49 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 10:49 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 10:49 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 10:49 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 10:49 PM
Surr: 1,2-Dichloroethane-d4	*100*		*80-120*	*%REC*	1	8/21/2023 10:49 PM
Surr: 4-Bromofluorobenzene	*102*		*80-120*	*%REC*	1	8/21/2023 10:49 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW29(82.5)-G081523 **Lab ID:** 23081645-22
Collection Date: 8/15/2023 12:40 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	1	8/21/2023 10:49 PM
Surr: Toluene-d8	*99.4*		*80-120*	*%REC*	1	8/21/2023 10:49 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(18)-G081523 **Lab ID:** 23081645-23
Collection Date: 8/15/2023 01:30 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 11:07 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 11:07 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Acetone	ND		10	µg/L	1	8/21/2023 11:07 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 11:07 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 11:07 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 11:07 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 11:07 PM
Surr: 1,2-Dichloroethane-d4	*101*		*80-120*	*%REC*	1	8/21/2023 11:07 PM
Surr: 4-Bromofluorobenzene	*105*		*80-120*	*%REC*	1	8/21/2023 11:07 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(18)-G081523 **Lab ID:** 23081645-23
Collection Date: 8/15/2023 01:30 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*101*		*80-120*	*%REC*	1	8/21/2023 11:07 PM
Surr: Toluene-d8	*97.6*		*80-120*	*%REC*	1	8/21/2023 11:07 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(53.05)-G081523 **Lab ID:** 23081645-24
Collection Date: 8/15/2023 02:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 11:25 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 11:25 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Acetone	ND		10	µg/L	1	8/21/2023 11:25 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 11:25 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 11:25 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 11:25 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 11:25 PM
Surr: 1,2-Dichloroethane-d4	*98.6*		*80-120*	*%REC*	1	8/21/2023 11:25 PM
Surr: 4-Bromofluorobenzene	*106*		*80-120*	*%REC*	1	8/21/2023 11:25 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(53.05)-G081523 **Lab ID:** 23081645-24
Collection Date: 8/15/2023 02:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.8*		*80-120*	*%REC*	1	8/21/2023 11:25 PM
Surr: Toluene-d8	*100*		*80-120*	*%REC*	1	8/21/2023 11:25 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(75.4)-G081523 **Lab ID:** 23081645-25
Collection Date: 8/15/2023 02:40 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 11:46 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 11:46 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Acetone	ND		10	µg/L	1	8/21/2023 11:46 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
cis-1,2-Dichloroethene	**5.0**		**1.0**	**µg/L**	1	8/21/2023 11:46 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 11:46 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 11:46 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 11:46 PM
Vinyl chloride	**7.0**		**1.0**	**µg/L**	1	8/21/2023 11:46 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 11:46 PM
Surr: 1,2-Dichloroethane-d4	*102*		*80-120*	*%REC*	1	8/21/2023 11:46 PM
Surr: 4-Bromofluorobenzene	*106*		*80-120*	*%REC*	1	8/21/2023 11:46 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(75.4)-G081523 **Lab ID:** 23081645-25
Collection Date: 8/15/2023 02:40 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	1	8/21/2023 11:46 PM
Surr: Toluene-d8	*104*		*80-120*	*%REC*	1	8/21/2023 11:46 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(104.2)-G081523 **Lab ID:** 23081645-26
Collection Date: 8/15/2023 03:15 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 12:05 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 12:05 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Acetone	ND		10	µg/L	1	8/22/2023 12:05 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 12:05 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 12:05 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 12:05 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 12:05 AM
Surr: 1,2-Dichloroethane-d4	*98.5*		*80-120*	*%REC*	1	8/22/2023 12:05 AM
Surr: 4-Bromofluorobenzene	*100*		*80-120*	*%REC*	1	8/22/2023 12:05 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(104.2)-G081523 **Lab ID:** 23081645-26
Collection Date: 8/15/2023 03:15 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*101*		*80-120*	*%REC*	1	8/22/2023 12:05 AM
Surr: Toluene-d8	*97.8*		*80-120*	*%REC*	1	8/22/2023 12:05 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(135)-G081523 **Lab ID:** 23081645-27
Collection Date: 8/15/2023 03:55 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 12:23 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 12:23 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Acetone	ND		10	µg/L	1	8/22/2023 12:23 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 12:23 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 12:23 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 12:23 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 12:23 AM
Surr: 1,2-Dichloroethane-d4	*101*		*80-120*	*%REC*	1	8/22/2023 12:23 AM
Surr: 4-Bromofluorobenzene	*100*		*80-120*	*%REC*	1	8/22/2023 12:23 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW27(135)-G081523 **Lab ID:** 23081645-27
Collection Date: 8/15/2023 03:55 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	1	8/22/2023 12:23 AM
Surr: Toluene-d8	*101*		*80-120*	*%REC*	1	8/22/2023 12:23 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB-001-081523 **Lab ID:** 23081645-28
Collection Date: 8/15/2023 04:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 12:41 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 12:41 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Acetone	ND		10	µg/L	1	8/22/2023 12:41 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 12:41 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 12:41 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 12:41 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 12:41 AM
Surr: 1,2-Dichloroethane-d4	*103*		*80-120*	*%REC*	1	8/22/2023 12:41 AM
Surr: 4-Bromofluorobenzene	*106*		*80-120*	*%REC*	1	8/22/2023 12:41 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB-001-081523 **Lab ID:** 23081645-28
Collection Date: 8/15/2023 04:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*80-120*	*%REC*	1	8/22/2023 12:41 AM
Surr: Toluene-d8	*102*		*80-120*	*%REC*	1	8/22/2023 12:41 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-0W6(63)-G081623 **Lab ID:** 23081645-29
Collection Date: 8/16/2023 08:30 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 12:59 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 12:59 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Acetone	ND		10	µg/L	1	8/22/2023 12:59 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 12:59 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 12:59 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 12:59 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 12:59 AM
Surr: 1,2-Dichloroethane-d4	*101*		*80-120*	*%REC*	1	8/22/2023 12:59 AM
Surr: 4-Bromofluorobenzene	*103*		*80-120*	*%REC*	1	8/22/2023 12:59 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-0W6(63)-G081623 **Lab ID:** 23081645-29
Collection Date: 8/16/2023 08:30 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*98.6*		*80-120*	*%REC*	1	8/22/2023 12:59 AM
Surr: Toluene-d8	*100*		*80-120*	*%REC*	1	8/22/2023 12:59 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-0W6(38)-G081623 **Lab ID:** 23081645-30
Collection Date: 8/16/2023 09:10 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 01:17 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 01:17 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Acetone	ND		10	µg/L	1	8/22/2023 01:17 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
cis-1,2-Dichloroethene	**1.0**		**1.0**	**µg/L**	1	8/22/2023 01:17 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 01:17 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 01:17 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 01:17 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 01:17 AM
Surr: 1,2-Dichloroethane-d4	*100*		*80-120*	*%REC*	1	8/22/2023 01:17 AM
Surr: 4-Bromofluorobenzene	*100*		*80-120*	*%REC*	1	8/22/2023 01:17 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-0W6(38)-G081623 **Lab ID:** 23081645-30
Collection Date: 8/16/2023 09:10 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*80-120*	*%REC*	1	8/22/2023 01:17 AM
Surr: Toluene-d8	*104*		*80-120*	*%REC*	1	8/22/2023 01:17 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW-67(30)-G081623 **Lab ID:** 23081645-31
Collection Date: 8/16/2023 09:45 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 01:36 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 01:36 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Acetone	ND		10	µg/L	1	8/22/2023 01:36 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
cis-1,2-Dichloroethene	**1.4**		**1.0**	**µg/L**	1	8/22/2023 01:36 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 01:36 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 01:36 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 01:36 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 01:36 AM
Surr: 1,2-Dichloroethane-d4	*104*		*80-120*	*%REC*	1	8/22/2023 01:36 AM
Surr: 4-Bromofluorobenzene	*104*		*80-120*	*%REC*	1	8/22/2023 01:36 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW-67(30)-G081623 **Lab ID:** 23081645-31
Collection Date: 8/16/2023 09:45 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*80-120*	*%REC*	1	8/22/2023 01:36 AM
Surr: Toluene-d8	*101*		*80-120*	*%REC*	1	8/22/2023 01:36 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW71(33)-G081623 **Lab ID:** 23081645-32
Collection Date: 8/16/2023 10:25 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 01:54 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 01:54 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Acetone	ND		10	µg/L	1	8/22/2023 01:54 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
cis-1,2-Dichloroethene	**8.6**		**1.0**	**µg/L**	1	8/22/2023 01:54 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 01:54 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 01:54 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 01:54 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 01:54 AM
Surr: 1,2-Dichloroethane-d4	*102*		*80-120*	*%REC*	1	8/22/2023 01:54 AM
Surr: 4-Bromofluorobenzene	*106*		*80-120*	*%REC*	1	8/22/2023 01:54 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW71(33)-G081623 **Lab ID:** 23081645-32
Collection Date: 8/16/2023 10:25 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*80-120*	*%REC*	1	8/22/2023 01:54 AM
Surr: Toluene-d8	*102*		*80-120*	*%REC*	1	8/22/2023 01:54 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW17-G081623 **Lab ID:** 23081645-33
Collection Date: 8/16/2023 11:20 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 02:12 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 02:12 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Acetone	ND		10	µg/L	1	8/22/2023 02:12 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
cis-1,2-Dichloroethene	**3.0**		**1.0**	**µg/L**	1	8/22/2023 02:12 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 02:12 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 02:12 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 02:12 AM
Vinyl chloride	**6.2**		**1.0**	**µg/L**	1	8/22/2023 02:12 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 02:12 AM
Surr: 1,2-Dichloroethane-d4	*99.4*		*80-120*	*%REC*	1	8/22/2023 02:12 AM
Surr: 4-Bromofluorobenzene	*104*		*80-120*	*%REC*	1	8/22/2023 02:12 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW17-G081623 **Lab ID:** 23081645-33
Collection Date: 8/16/2023 11:20 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*80-120*	*%REC*	1	8/22/2023 02:12 AM
Surr: Toluene-d8	*104*		*80-120*	*%REC*	1	8/22/2023 02:12 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW84(44)-G081623 **Lab ID:** 23081645-34
Collection Date: 8/16/2023 12:30 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 02:30 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 02:30 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Acetone	ND		10	µg/L	1	8/22/2023 02:30 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 02:30 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 02:30 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Trichloroethene	**1.9**		**1.0**	**µg/L**	1	8/22/2023 02:30 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 02:30 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 02:30 AM
Surr: 1,2-Dichloroethane-d4	*98.4*		*80-120*	*%REC*	1	8/22/2023 02:30 AM
Surr: 4-Bromofluorobenzene	*107*		*80-120*	*%REC*	1	8/22/2023 02:30 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW84(44)-G081623 **Lab ID:** 23081645-34
Collection Date: 8/16/2023 12:30 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*101*		*80-120*	*%REC*	1	8/22/2023 02:30 AM
Surr: Toluene-d8	*103*		*80-120*	*%REC*	1	8/22/2023 02:30 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW19(53)-G081623 **Lab ID:** 23081645-35
Collection Date: 8/16/2023 01:15 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 02:48 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 02:48 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Acetone	ND		10	µg/L	1	8/22/2023 02:48 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
cis-1,2-Dichloroethene	**22**		**1.0**	**µg/L**	1	8/22/2023 02:48 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 02:48 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 02:48 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 02:48 AM
Vinyl chloride	**13**		**1.0**	**µg/L**	1	8/22/2023 02:48 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 02:48 AM
Surr: 1,2-Dichloroethane-d4	*99.9*		*80-120*	*%REC*	1	8/22/2023 02:48 AM
Surr: 4-Bromofluorobenzene	*98.6*		*80-120*	*%REC*	1	8/22/2023 02:48 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW19(53)-G081623 **Lab ID:** 23081645-35
Collection Date: 8/16/2023 01:15 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*98.8*		*80-120*	*%REC*	1	8/22/2023 02:48 AM
Surr: Toluene-d8	*102*		*80-120*	*%REC*	1	8/22/2023 02:48 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW3-G081623 **Lab ID:** 23081645-36
Collection Date: 8/16/2023 02:25 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 03:07 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 03:07 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Acetone	ND		10	µg/L	1	8/22/2023 03:07 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
cis-1,2-Dichloroethene	**33**		**1.0**	**µg/L**	1	8/22/2023 03:07 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 03:07 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 03:07 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 03:07 AM
Vinyl chloride	**17**		**1.0**	**µg/L**	1	8/22/2023 03:07 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 03:07 AM
Surr: 1,2-Dichloroethane-d4	*108*		*80-120*	*%REC*	1	8/22/2023 03:07 AM
Surr: 4-Bromofluorobenzene	*102*		*80-120*	*%REC*	1	8/22/2023 03:07 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW3-G081623 **Lab ID:** 23081645-36
Collection Date: 8/16/2023 02:25 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*80-120*	*%REC*	1	8/22/2023 03:07 AM
Surr: Toluene-d8	*103*		*80-120*	*%REC*	1	8/22/2023 03:07 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW60(38)-G081623 **Lab ID:** 23081645-37
Collection Date: 8/16/2023 03:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
1,1-Dichloroethene	**1.6**		**1.0**	**µg/L**	1	8/22/2023 03:25 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 03:25 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 03:25 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Acetone	ND		10	µg/L	1	8/22/2023 03:25 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
cis-1,2-Dichloroethene	**180**		**5.0**	**µg/L**	5	8/22/2023 02:39 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 03:25 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 03:25 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
trans-1,2-Dichloroethene	**1.6**		**1.0**	**µg/L**	1	8/22/2023 03:25 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 03:25 AM
Vinyl chloride	**84**		**5.0**	**µg/L**	5	8/22/2023 02:39 PM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 03:25 AM
Surr: 1,2-Dichloroethane-d4	*96.6*		*80-120*	*%REC*	5	8/22/2023 02:39 PM
Surr: 1,2-Dichloroethane-d4	*104*		*80-120*	*%REC*	1	8/22/2023 03:25 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW60(38)-G081623 **Lab ID:** 23081645-37
Collection Date: 8/16/2023 03:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	*96.6*		*80-120*	*%REC*	5	8/22/2023 02:39 PM
Surr: 4-Bromofluorobenzene	*104*		*80-120*	*%REC*	1	8/22/2023 03:25 AM
Surr: Dibromofluoromethane	*95.8*		*80-120*	*%REC*	5	8/22/2023 02:39 PM
Surr: Dibromofluoromethane	*99.6*		*80-120*	*%REC*	1	8/22/2023 03:25 AM
Surr: Toluene-d8	*102*		*80-120*	*%REC*	1	8/22/2023 03:25 AM
Surr: Toluene-d8	*99.4*		*80-120*	*%REC*	5	8/22/2023 02:39 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW60(38)-G081623R **Lab ID:** 23081645-38
Collection Date: 8/16/2023 03:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
1,1-Dichloroethene	**1.5**		**1.0**	**µg/L**	1	8/22/2023 03:43 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 03:43 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 03:43 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Acetone	ND		10	µg/L	1	8/22/2023 03:43 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
cis-1,2-Dichloroethene	**190**		**5.0**	**µg/L**	5	8/22/2023 02:56 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 03:43 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 03:43 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
trans-1,2-Dichloroethene	**1.4**		**1.0**	**µg/L**	1	8/22/2023 03:43 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 03:43 AM
Vinyl chloride	**89**		**5.0**	**µg/L**	5	8/22/2023 02:56 PM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 03:43 AM
Surr: 1,2-Dichloroethane-d4	*95.8*		*80-120*	*%REC*	5	8/22/2023 02:56 PM
Surr: 1,2-Dichloroethane-d4	*105*		*80-120*	*%REC*	1	8/22/2023 03:43 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW60(38)-G081623R **Lab ID:** 23081645-38
Collection Date: 8/16/2023 03:05 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	*101*		*80-120*	*%REC*	5	8/22/2023 02:56 PM
Surr: 4-Bromofluorobenzene	*106*		*80-120*	*%REC*	1	8/22/2023 03:43 AM
Surr: Dibromofluoromethane	*94.9*		*80-120*	*%REC*	5	8/22/2023 02:56 PM
Surr: Dibromofluoromethane	*96.4*		*80-120*	*%REC*	1	8/22/2023 03:43 AM
Surr: Toluene-d8	*103*		*80-120*	*%REC*	1	8/22/2023 03:43 AM
Surr: Toluene-d8	*100*		*80-120*	*%REC*	5	8/22/2023 02:56 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW34(37)-G081523 **Lab ID:** 23081645-39
Collection Date: 8/15/2023 09:22 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
2-Butanone	ND		5.0	µg/L	1	8/22/2023 04:01 AM
2-Hexanone	ND		5.0	µg/L	1	8/22/2023 04:01 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Acetone	ND		10	µg/L	1	8/22/2023 04:01 AM
Benzene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Bromodichloromethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Bromoform	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Bromomethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Carbon disulfide	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Carbon tetrachloride	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Chlorobenzene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Chloroethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Chloroform	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Chloromethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Dibromochloromethane	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Ethylbenzene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
m,p-Xylene	ND		2.0	µg/L	1	8/22/2023 04:01 AM
Methylene chloride	ND		5.0	µg/L	1	8/22/2023 04:01 AM
o-Xylene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Styrene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Tetrachloroethene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Toluene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Trichloroethene	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Vinyl chloride	ND		1.0	µg/L	1	8/22/2023 04:01 AM
Xylenes, Total	ND		3.0	µg/L	1	8/22/2023 04:01 AM
Surr: 1,2-Dichloroethane-d4	*98.9*		*80-120*	*%REC*	1	8/22/2023 04:01 AM
Surr: 4-Bromofluorobenzene	*102*		*80-120*	*%REC*	1	8/22/2023 04:01 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW34(37)-G081523 **Lab ID:** 23081645-39
Collection Date: 8/15/2023 09:22 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*100*		*80-120*	*%REC*	1	8/22/2023 04:01 AM
Surr: Toluene-d8	*103*		*80-120*	*%REC*	1	8/22/2023 04:01 AM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW34(85)-G081523 **Lab ID:** 23081645-40
Collection Date: 8/15/2023 10:22 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **NTJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 03:57 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 03:57 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Acetone	ND		10	µg/L	1	8/21/2023 03:57 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
cis-1,2-Dichloroethene	**3.9**		**1.0**	**µg/L**	1	8/21/2023 03:57 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 03:57 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 03:57 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Trichloroethene	**15**		**1.0**	**µg/L**	1	8/21/2023 03:57 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 03:57 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 03:57 PM
Surr: 1,2-Dichloroethane-d4	*97.0*		*80-120*	*%REC*	1	8/21/2023 03:57 PM
Surr: 4-Bromofluorobenzene	*97.2*		*80-120*	*%REC*	1	8/21/2023 03:57 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW34(85)-G081523 **Lab ID:** 23081645-40
Collection Date: 8/15/2023 10:22 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*100*		*80-120*	*%REC*	1	8/21/2023 03:57 PM
Surr: Toluene-d8	*94.6*		*80-120*	*%REC*	1	8/21/2023 03:57 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW32(24.1)-G081523 **Lab ID:** 23081645-41
Collection Date: 8/15/2023 11:42 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **NTJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 04:22 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 04:22 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Acetone	ND		10	µg/L	1	8/21/2023 04:22 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 04:22 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 04:22 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 04:22 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 04:22 PM
Surr: 1,2-Dichloroethane-d4	*98.6*		*80-120*	*%REC*	1	8/21/2023 04:22 PM
Surr: 4-Bromofluorobenzene	*100*		*80-120*	*%REC*	1	8/21/2023 04:22 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW32(24.1)-G081523 **Lab ID:** 23081645-41
Collection Date: 8/15/2023 11:42 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*101*		*80-120*	*%REC*	1	8/21/2023 04:22 PM
Surr: Toluene-d8	*95.9*		*80-120*	*%REC*	1	8/21/2023 04:22 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW32(89)-G081523 **Lab ID:** 23081645-42
Collection Date: 8/15/2023 01:04 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **NTJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 04:46 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 04:46 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Acetone	ND		10	µg/L	1	8/21/2023 04:46 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 04:46 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 04:46 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 04:46 PM
Vinyl chloride	**13**		**1.0**	**µg/L**	1	8/21/2023 04:46 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 04:46 PM
Surr: 1,2-Dichloroethane-d4	*108*		*80-120*	*%REC*	1	8/21/2023 04:46 PM
Surr: 4-Bromofluorobenzene	*95.9*		*80-120*	*%REC*	1	8/21/2023 04:46 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW32(89)-G081523 **Lab ID:** 23081645-42
Collection Date: 8/15/2023 01:04 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*99.5*		*80-120*	*%REC*	1	8/21/2023 04:46 PM
Surr: Toluene-d8	*94.2*		*80-120*	*%REC*	1	8/21/2023 04:46 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW50(45)-G081523 **Lab ID:** 23081645-43
Collection Date: 8/15/2023 02:18 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **NTJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 05:11 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 05:11 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Acetone	ND		10	µg/L	1	8/21/2023 05:11 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 05:11 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 05:11 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 05:11 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 05:11 PM
Surr: 1,2-Dichloroethane-d4	*102*		*80-120*	*%REC*	1	8/21/2023 05:11 PM
Surr: 4-Bromofluorobenzene	*99.5*		*80-120*	*%REC*	1	8/21/2023 05:11 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW50(45)-G081523 **Lab ID:** 23081645-43
Collection Date: 8/15/2023 02:18 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*80-120*	*%REC*	1	8/21/2023 05:11 PM
Surr: Toluene-d8	*96.6*		*80-120*	*%REC*	1	8/21/2023 05:11 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW50(80)-G081523 **Lab ID:** 23081645-44
Collection Date: 8/15/2023 03:32 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **NTJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 05:35 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 05:35 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Acetone	ND		10	µg/L	1	8/21/2023 05:35 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 05:35 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 05:35 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 05:35 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 05:35 PM
Surr: 1,2-Dichloroethane-d4	*103*		*80-120*	*%REC*	1	8/21/2023 05:35 PM
Surr: 4-Bromofluorobenzene	*99.4*		*80-120*	*%REC*	1	8/21/2023 05:35 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW50(80)-G081523 **Lab ID:** 23081645-44
Collection Date: 8/15/2023 03:32 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	1	8/21/2023 05:35 PM
Surr: Toluene-d8	*96.2*		*80-120*	*%REC*	1	8/21/2023 05:35 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB002-G081523 **Lab ID:** 23081645-45
Collection Date: 8/15/2023 03:56 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **NTJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 06:00 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 06:00 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Acetone	ND		10	µg/L	1	8/21/2023 06:00 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 06:00 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 06:00 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 06:00 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 06:00 PM
Surr: 1,2-Dichloroethane-d4	*106*		*80-120*	*%REC*	1	8/21/2023 06:00 PM
Surr: 4-Bromofluorobenzene	*97.4*		*80-120*	*%REC*	1	8/21/2023 06:00 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB002-G081523 **Lab ID:** 23081645-45
Collection Date: 8/15/2023 03:56 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*101*		*80-120*	*%REC*	1	8/21/2023 06:00 PM
Surr: Toluene-d8	*97.2*		*80-120*	*%REC*	1	8/21/2023 06:00 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW51(70)-G081623 **Lab ID:** 23081645-46
Collection Date: 8/16/2023 09:23 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **NTJ**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 06:24 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 06:24 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Acetone	ND		10	µg/L	1	8/21/2023 06:24 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 06:24 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 06:24 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 06:24 PM
Vinyl chloride	**1.7**		**1.0**	**µg/L**	1	8/21/2023 06:24 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 06:24 PM
Surr: 1,2-Dichloroethane-d4	*99.6*		*80-120*	*%REC*	1	8/21/2023 06:24 PM
Surr: 4-Bromofluorobenzene	*97.7*		*80-120*	*%REC*	1	8/21/2023 06:24 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW51(70)-G081623 **Lab ID:** 23081645-46
Collection Date: 8/16/2023 09:23 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	1	8/21/2023 06:24 PM
Surr: Toluene-d8	*96.4*		*80-120*	*%REC*	1	8/21/2023 06:24 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW51(25)-G081623 **Lab ID:** 23081645-47
Collection Date: 8/16/2023 10:02 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 04:56 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 04:56 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Acetone	ND		10	µg/L	1	8/21/2023 04:56 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 04:56 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 04:56 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 04:56 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 04:56 PM
Surr: 1,2-Dichloroethane-d4	*94.5*		*80-120*	*%REC*	1	8/21/2023 04:56 PM
Surr: 4-Bromofluorobenzene	*106*		*80-120*	*%REC*	1	8/21/2023 04:56 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW51(25)-G081623 **Lab ID:** 23081645-47
Collection Date: 8/16/2023 10:02 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*100*		*80-120*	*%REC*	1	8/21/2023 04:56 PM
Surr: Toluene-d8	*95.4*		*80-120*	*%REC*	1	8/21/2023 04:56 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW-48(159)-G081623 **Lab ID:** 23081645-48
Collection Date: 8/16/2023 11:18 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 05:19 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 05:19 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Acetone	ND		10	µg/L	1	8/21/2023 05:19 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 05:19 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 05:19 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 05:19 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 05:19 PM
Surr: 1,2-Dichloroethane-d4	*102*		*80-120*	*%REC*	1	8/21/2023 05:19 PM
Surr: 4-Bromofluorobenzene	*104*		*80-120*	*%REC*	1	8/21/2023 05:19 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW-48(159)-G081623 **Lab ID:** 23081645-48
Collection Date: 8/16/2023 11:18 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*106*		*80-120*	*%REC*	1	8/21/2023 05:19 PM
Surr: Toluene-d8	*98.5*		*80-120*	*%REC*	1	8/21/2023 05:19 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW25(82)-G081623 **Lab ID:** 23081645-49
Collection Date: 8/16/2023 12:42 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 05:41 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 05:41 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Acetone	ND		10	µg/L	1	8/21/2023 05:41 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
cis-1,2-Dichloroethene	**2.2**		**1.0**	**µg/L**	1	8/21/2023 05:41 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 05:41 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 05:41 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 05:41 PM
Vinyl chloride	**2.8**		**1.0**	**µg/L**	1	8/21/2023 05:41 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 05:41 PM
Surr: 1,2-Dichloroethane-d4	*99.3*		*80-120*	*%REC*	1	8/21/2023 05:41 PM
Surr: 4-Bromofluorobenzene	*102*		*80-120*	*%REC*	1	8/21/2023 05:41 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW25(82)-G081623 **Lab ID:** 23081645-49
Collection Date: 8/16/2023 12:42 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*80-120*	*%REC*	1	8/21/2023 05:41 PM
Surr: Toluene-d8	*96.5*		*80-120*	*%REC*	1	8/21/2023 05:41 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW20(51)-G081623 **Lab ID:** 23081645-50
Collection Date: 8/16/2023 02:28 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 06:03 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 06:03 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Acetone	ND		10	µg/L	1	8/21/2023 06:03 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 06:03 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 06:03 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 06:03 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 06:03 PM
Surr: 1,2-Dichloroethane-d4	*100*		*80-120*	*%REC*	1	8/21/2023 06:03 PM
Surr: 4-Bromofluorobenzene	*102*		*80-120*	*%REC*	1	8/21/2023 06:03 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW20(51)-G081623 **Lab ID:** 23081645-50
Collection Date: 8/16/2023 02:28 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*80-120*	*%REC*	1	8/21/2023 06:03 PM
Surr: Toluene-d8	*98.4*		*80-120*	*%REC*	1	8/21/2023 06:03 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB002-081623 **Lab ID:** 23081645-51
Collection Date: 8/16/2023 02:50 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 06:25 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 06:25 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Acetone	ND		10	µg/L	1	8/21/2023 06:25 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 06:25 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 06:25 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 06:25 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 06:25 PM
Surr: 1,2-Dichloroethane-d4	*100*		*80-120*	*%REC*	1	8/21/2023 06:25 PM
Surr: 4-Bromofluorobenzene	*100*		*80-120*	*%REC*	1	8/21/2023 06:25 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB002-081623 **Lab ID:** 23081645-51
Collection Date: 8/16/2023 02:50 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*101*		*80-120*	*%REC*	1	8/21/2023 06:25 PM
Surr: Toluene-d8	*98.0*		*80-120*	*%REC*	1	8/21/2023 06:25 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB001-081623 **Lab ID:** 23081645-52
Collection Date: 8/16/2023 03:20 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 06:47 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 06:47 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Acetone	ND		10	µg/L	1	8/21/2023 06:47 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 06:47 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 06:47 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 06:47 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 06:47 PM
Surr: 1,2-Dichloroethane-d4	*98.4*		*80-120*	*%REC*	1	8/21/2023 06:47 PM
Surr: 4-Bromofluorobenzene	*100*		*80-120*	*%REC*	1	8/21/2023 06:47 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB001-081623 **Lab ID:** 23081645-52
Collection Date: 8/16/2023 03:20 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*108*		*80-120*	*%REC*	1	8/21/2023 06:47 PM
Surr: Toluene-d8	*96.6*		*80-120*	*%REC*	1	8/21/2023 06:47 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW59(46)-G081723 **Lab ID:** 23081645-53
Collection Date: 8/17/2023 08:30 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
1,1-Dichloroethene	**50**		**1.0**	**µg/L**	1	8/21/2023 07:09 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 07:09 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 07:09 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Acetone	ND		10	µg/L	1	8/21/2023 07:09 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
cis-1,2-Dichloroethene	**2,600**		**100**	**µg/L**	100	8/23/2023 01:34 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Ethylbenzene	**2.6**		**1.0**	**µg/L**	1	8/21/2023 07:09 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 07:09 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 07:09 PM
o-Xylene	**2.1**		**1.0**	**µg/L**	1	8/21/2023 07:09 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Toluene	**1.3**		**1.0**	**µg/L**	1	8/21/2023 07:09 PM
trans-1,2-Dichloroethene	**39**		**1.0**	**µg/L**	1	8/21/2023 07:09 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 07:09 PM
Trichloroethene	**3.6**		**1.0**	**µg/L**	1	8/21/2023 07:09 PM
Vinyl chloride	**550**		**20**	**µg/L**	20	8/22/2023 03:44 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 07:09 PM
Surr: 1,2-Dichloroethane-d4	*96.4*		*80-120*	*%REC*	20	8/22/2023 03:44 PM
Surr: 1,2-Dichloroethane-d4	*95.8*		*80-120*	*%REC*	100	8/23/2023 01:34 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW59(46)-G081723 **Lab ID:** 23081645-53
Collection Date: 8/17/2023 08:30 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*115*		*80-120*	*%REC*	1	8/21/2023 07:09 PM
Surr: 4-Bromofluorobenzene	*97.0*		*80-120*	*%REC*	100	8/23/2023 01:34 PM
Surr: 4-Bromofluorobenzene	*102*		*80-120*	*%REC*	1	8/21/2023 07:09 PM
Surr: 4-Bromofluorobenzene	*96.3*		*80-120*	*%REC*	20	8/22/2023 03:44 PM
Surr: Dibromofluoromethane	*102*		*80-120*	*%REC*	100	8/23/2023 01:34 PM
Surr: Dibromofluoromethane	*116*		*80-120*	*%REC*	1	8/21/2023 07:09 PM
Surr: Dibromofluoromethane	*96.6*		*80-120*	*%REC*	20	8/22/2023 03:44 PM
Surr: Toluene-d8	*99.2*		*80-120*	*%REC*	20	8/22/2023 03:44 PM
Surr: Toluene-d8	*95.0*		*80-120*	*%REC*	100	8/23/2023 01:34 PM
Surr: Toluene-d8	*99.1*		*80-120*	*%REC*	1	8/21/2023 07:09 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW52(55)-G081723 **Lab ID:** 23081645-54
Collection Date: 8/17/2023 09:10 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 07:31 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 07:31 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Acetone	ND		10	µg/L	1	8/21/2023 07:31 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/22/2023 03:27 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 07:31 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 07:31 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 07:31 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 07:31 PM
Surr: 1,2-Dichloroethane-d4	*101*		*80-120*	*%REC*	1	8/21/2023 07:31 PM
Surr: 1,2-Dichloroethane-d4	*95.7*		*80-120*	*%REC*	1	8/22/2023 03:27 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW52(55)-G081723 **Lab ID:** 23081645-54
Collection Date: 8/17/2023 09:10 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	*101*		*80-120*	*%REC*	1	8/21/2023 07:31 PM
Surr: 4-Bromofluorobenzene	*98.8*		*80-120*	*%REC*	1	8/22/2023 03:27 PM
Surr: Dibromofluoromethane	*107*		*80-120*	*%REC*	1	8/21/2023 07:31 PM
Surr: Dibromofluoromethane	*98.8*		*80-120*	*%REC*	1	8/22/2023 03:27 PM
Surr: Toluene-d8	*99.3*		*80-120*	*%REC*	1	8/22/2023 03:27 PM
Surr: Toluene-d8	*97.8*		*80-120*	*%REC*	1	8/21/2023 07:31 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW57(38)-G081723 **Lab ID:** 23081645-55
Collection Date: 8/17/2023 10:00 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 07:54 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 07:54 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Acetone	ND		10	µg/L	1	8/21/2023 07:54 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
cis-1,2-Dichloroethene	**11**		**1.0**	**µg/L**	1	8/21/2023 07:54 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 07:54 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 07:54 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Trichloroethene	**5.0**		**1.0**	**µg/L**	1	8/21/2023 07:54 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 07:54 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 07:54 PM
Surr: 1,2-Dichloroethane-d4	*102*		*80-120*	*%REC*	1	8/21/2023 07:54 PM
Surr: 4-Bromofluorobenzene	*98.8*		*80-120*	*%REC*	1	8/21/2023 07:54 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-MW57(38)-G081723 **Lab ID:** 23081645-55
Collection Date: 8/17/2023 10:00 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*112*		*80-120*	*%REC*	1	8/21/2023 07:54 PM
Surr: Toluene-d8	*95.1*		*80-120*	*%REC*	1	8/21/2023 07:54 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB001-081723 **Lab ID:** 23081645-56
Collection Date: 8/17/2023 10:15 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **EZH**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 08:16 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 08:16 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Acetone	ND		10	µg/L	1	8/21/2023 08:16 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 08:16 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 08:16 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 08:16 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 08:16 PM
Surr: 1,2-Dichloroethane-d4	*98.6*		*80-120*	*%REC*	1	8/21/2023 08:16 PM
Surr: 4-Bromofluorobenzene	*103*		*80-120*	*%REC*	1	8/21/2023 08:16 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-EB001-081723 **Lab ID:** 23081645-56
Collection Date: 8/17/2023 10:15 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*103*		*80-120*	*%REC*	1	8/21/2023 08:16 PM
Surr: Toluene-d8	*98.2*		*80-120*	*%REC*	1	8/21/2023 08:16 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-TB001-081423 **Lab ID:** 23081645-57
Collection Date: 8/14/2023 **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260D**			Analyst: **BAM**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
2-Butanone	ND		5.0	µg/L	1	8/21/2023 09:53 PM
2-Hexanone	ND		5.0	µg/L	1	8/21/2023 09:53 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Acetone	ND		10	µg/L	1	8/21/2023 09:53 PM
Benzene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Bromodichloromethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Bromoform	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Bromomethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Carbon disulfide	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Carbon tetrachloride	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Chlorobenzene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Chloroethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Chloroform	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Chloromethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Dibromochloromethane	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Ethylbenzene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
m,p-Xylene	ND		2.0	µg/L	1	8/21/2023 09:53 PM
Methylene chloride	ND		5.0	µg/L	1	8/21/2023 09:53 PM
o-Xylene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Styrene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Tetrachloroethene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Toluene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Trichloroethene	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Vinyl chloride	ND		1.0	µg/L	1	8/21/2023 09:53 PM
Xylenes, Total	ND		3.0	µg/L	1	8/21/2023 09:53 PM
Surr: 1,2-Dichloroethane-d4	*101*		*80-120*	*%REC*	1	8/21/2023 09:53 PM
Surr: 4-Bromofluorobenzene	*98.7*		*80-120*	*%REC*	1	8/21/2023 09:53 PM

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

Client: WSP USA Environment and Infrastructure Inc.
Project: TFS Rochester 7775-23-2012 **Work Order:** 23081645
Sample ID: ATR-TB001-081423 **Lab ID:** 23081645-57
Collection Date: 8/14/2023 **Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Dibromofluoromethane	*104*		*80-120*	*%REC*	1	8/21/2023 09:53 PM
Surr: Toluene-d8	*95.4*		*80-120*	*%REC*	1	8/21/2023 09:53 PM

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

Batch ID: **R379577b** Instrument ID **VMS12** Method: **SW8260D**

MBLK Sample ID: **12V-BLKW1-230821-R379577b** Units: **µg/L** Analysis Date: **8/21/2023 02:31 PM**

Client ID: Run ID: **VMS12_230821A** SeqNo: **9901519** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*19.73*	0	*20*	0	*98.6*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*19.56*	0	*20*	0	*97.8*	*80-120*	0			
Surr: Dibromofluoromethane	*20.34*	0	*20*	0	*102*	*80-120*	0			
Surr: Toluene-d8	*19.51*	0	*20*	0	*97.6*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379577b** Instrument ID **VMS12** Method: **SW8260D**

LCS Sample ID: **12V-LCSW1-230821-R379577b** Units: **µg/L** Analysis Date: **8/21/2023 01:18 PM**
Client ID: Run ID: **VMS12_230821A** SeqNo: **9901517** 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	21.69	1.0	20	0	108	75-119	0			
1,1,2,2-Tetrachloroethane	23.77	1.0	20	0	119	80-123	0			
1,1,2-Trichloroethane	22.64	1.0	20	0	113	83-118	0			
1,1-Dichloroethane	21.37	1.0	20	0	107	73-122	0			
1,1-Dichloroethene	22.31	1.0	20	0	112	66-131	0			
1,2-Dichloroethane	22.57	1.0	20	0	113	78-121	0			
1,2-Dichloropropane	21.62	1.0	20	0	108	78-120	0			
2-Butanone	22.05	5.0	20	0	110	69-147	0			
2-Hexanone	24.76	5.0	20	0	124	67-140	0			
4-Methyl-2-pentanone	30.7	1.0	20	0	154	68-199	0			
Acetone	22.15	10	20	0	111	70-166	0			
Benzene	22.59	1.0	20	0	113	78-120	0			
Bromodichloromethane	22.55	1.0	20	0	113	73-126	0			
Bromoform	22.45	1.0	20	0	112	60-124	0			
Bromomethane	22.31	1.0	20	0	112	20-183	0			
Carbon disulfide	21.98	1.0	20	0	110	67-159	0			
Carbon tetrachloride	23.24	1.0	20	0	116	69-124	0			
Chlorobenzene	21.85	1.0	20	0	109	80-118	0			
Chloroethane	20.77	1.0	20	0	104	35-136	0			
Chloroform	21.57	1.0	20	0	108	75-119	0			
Chloromethane	15.56	1.0	20	0	77.8	26-117	0			
cis-1,2-Dichloroethene	21.6	1.0	20	0	108	75-123	0			
cis-1,3-Dichloropropene	22.72	1.0	20	0	114	69-120	0			
Dibromochloromethane	21.17	1.0	20	0	106	63-117	0			
Ethylbenzene	22.28	1.0	20	0	111	76-116	0			
m,p-Xylene	45.46	2.0	40	0	114	76-119	0			
Methylene chloride	21.7	5.0	20	0	108	68-125	0			
o-Xylene	22.51	1.0	20	0	113	77-116	0			
Styrene	22.71	1.0	20	0	114	76-123	0			
Tetrachloroethene	22.81	1.0	20	0	114	80-124	0			
Toluene	22.09	1.0	20	0	110	78-116	0			
trans-1,2-Dichloroethene	21.68	1.0	20	0	108	73-124	0			
trans-1,3-Dichloropropene	19.39	1.0	20	0	97	67-118	0			
Trichloroethene	22.21	1.0	20	0	111	75-122	0			
Vinyl chloride	19.52	1.0	20	0	97.6	49-122	0			
Xylenes, Total	67.97	3.0	60	0	113	77-119	0			
Surr: 1,2-Dichloroethane-d4	*19.96*	0	*20*	0	*99.8*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*20.21*	0	*20*	0	*101*	*80-120*	0			
Surr: Dibromofluoromethane	*20.62*	0	*20*	0	*103*	*80-120*	0			
Surr: Toluene-d8	*19.71*	0	*20*	0	*98.6*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379577b** Instrument ID **VMS12** Method: **SW8260D**

MS Sample ID: **23081622-02A MS** Units: **µg/L** Analysis Date: **8/21/2023 11:40 PM**
Client ID: Run ID: **VMS12_230821A** SeqNo: **9901541** 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	201.1	10	200	0	101	75-119	0			
1,1,2,2-Tetrachloroethane	212	10	200	0	106	80-123	0			
1,1,2-Trichloroethane	203.1	10	200	0	102	83-118	0			
1,1-Dichloroethane	204.8	10	200	0	102	73-122	0			
1,1-Dichloroethene	219.1	10	200	0	110	66-131	0			
1,2-Dichloroethane	207.1	10	200	0	104	78-121	0			
1,2-Dichloropropane	201.3	10	200	0	101	78-120	0			
2-Butanone	375.8	50	200	145	115	69-147	0			
2-Hexanone	236.8	50	200	0	118	67-140	0			
4-Methyl-2-pentanone	254.6	10	200	0	127	68-199	0			
Acetone	ND	100	200	0	0	70-166	0			S
Benzene	216.7	10	200	0	108	78-120	0			
Bromodichloromethane	183.6	10	200	0	91.8	73-126	0			
Bromoform	158.9	10	200	0	79.4	60-124	0			
Bromomethane	162	10	200	0	81	20-183	0			
Carbon disulfide	192	10	200	0	96	67-159	0			
Carbon tetrachloride	208.1	10	200	0	104	69-124	0			
Chlorobenzene	212.9	10	200	0	106	80-118	0			
Chloroethane	207	10	200	0	104	35-136	0			
Chloroform	213.9	10	200	0	107	75-119	0			
Chloromethane	155.9	10	200	0	78	26-117	0			
cis-1,2-Dichloroethene	203.9	10	200	0	102	75-123	0			
cis-1,3-Dichloropropene	174.2	10	200	0	87.1	69-120	0			
Dibromochloromethane	167.5	10	200	0	83.8	63-117	0			
Ethylbenzene	338.2	10	200	120.8	109	76-116	0			
m,p-Xylene	817.3	20	400	393.2	106	76-119	0			
Methylene chloride	206.5	50	200	8.7	98.9	68-125	0			
o-Xylene	290.6	10	200	73.5	109	77-116	0			
Styrene	220	10	200	0	110	76-123	0			
Tetrachloroethene	227.8	10	200	0	114	80-124	0			
Toluene	217.2	10	200	0	109	78-116	0			
trans-1,2-Dichloroethene	210.2	10	200	0	105	73-124	0			
trans-1,3-Dichloropropene	147.9	10	200	0	74	67-118	0			
Trichloroethene	221	10	200	0	110	75-122	0			
Vinyl chloride	195.2	10	200	0	97.6	49-122	0			
Xylenes, Total	1108	30	600	466.7	107	77-119	0			
Surr: 1,2-Dichloroethane-d4	*192.6*	0	*200*	0	*96.3*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*207.4*	0	*200*	0	*104*	*80-120*	0			
Surr: Dibromofluoromethane	*198.8*	0	*200*	0	*99.4*	*80-120*	0			
Surr: Toluene-d8	*201*	0	*200*	0	*100*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379577b** Instrument ID **VMS12** Method: **SW8260D**

MSD Sample ID: **23081622-02A MSD** Units: **µg/L** Analysis Date: **8/22/2023 12:04 AM**
Client ID: Run ID: **VMS12_230821A** SeqNo: **9901542** 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	205.7	10	200	0	103	75-119	201.1	2.26	30	
1,1,2,2-Tetrachloroethane	213.7	10	200	0	107	80-123	212	0.799	30	
1,1,2-Trichloroethane	203.8	10	200	0	102	83-118	203.1	0.344	30	
1,1-Dichloroethane	206.4	10	200	0	103	73-122	204.8	0.778	30	
1,1-Dichloroethene	221.3	10	200	0	111	66-131	219.1	0.999	30	
1,2-Dichloroethane	203.6	10	200	0	102	78-121	207.1	1.7	30	
1,2-Dichloropropane	199.8	10	200	0	99.9	78-120	201.3	0.748	30	
2-Butanone	396.6	50	200	145	126	69-147	375.8	5.39	30	
2-Hexanone	230.1	50	200	0	115	67-140	236.8	2.87	30	
4-Methyl-2-pentanone	265.1	10	200	0	133	68-199	254.6	4.04	30	
Acetone	ND	100	200	0	0	70-166	0	0	30	S
Benzene	219.4	10	200	0	110	78-120	216.7	1.24	30	
Bromodichloromethane	189	10	200	0	94.5	73-126	183.6	2.9	30	
Bromoform	164.9	10	200	0	82.4	60-124	158.9	3.71	30	
Bromomethane	209.5	10	200	0	105	20-183	162	25.6	30	
Carbon disulfide	198.5	10	200	0	99.2	67-159	192	3.33	30	
Carbon tetrachloride	214.5	10	200	0	107	69-124	208.1	3.03	30	
Chlorobenzene	209.7	10	200	0	105	80-118	212.9	1.51	30	
Chloroethane	203.5	10	200	0	102	35-136	207	1.71	30	
Chloroform	218.5	10	200	0	109	75-119	213.9	2.13	30	
Chloromethane	162.5	10	200	0	81.2	26-117	155.9	4.15	30	
cis-1,2-Dichloroethene	205.9	10	200	0	103	75-123	203.9	0.976	30	
cis-1,3-Dichloropropene	174.8	10	200	0	87.4	69-120	174.2	0.344	30	
Dibromochloromethane	170.3	10	200	0	85.2	63-117	167.5	1.66	30	
Ethylbenzene	336	10	200	120.8	108	76-116	338.2	0.653	30	
m,p-Xylene	826.8	20	400	393.2	108	76-119	817.3	1.16	30	
Methylene chloride	205.5	50	200	8.7	98.4	68-125	206.5	0.485	30	
o-Xylene	291.1	10	200	73.5	109	77-116	290.6	0.172	30	
Styrene	213.7	10	200	0	107	76-123	220	2.91	30	
Tetrachloroethene	229.1	10	200	0	115	80-124	227.8	0.569	30	
Toluene	215.8	10	200	0	108	78-116	217.2	0.647	30	
trans-1,2-Dichloroethene	213.2	10	200	0	107	73-124	210.2	1.42	30	
trans-1,3-Dichloropropene	147.4	10	200	0	73.7	67-118	147.9	0.339	30	
Trichloroethene	217.1	10	200	0	109	75-122	221	1.78	30	
Vinyl chloride	199.6	10	200	0	99.8	49-122	195.2	2.23	30	
Xylenes, Total	1118	30	600	466.7	109	77-119	1108	0.899	30	
Surr: 1,2-Dichloroethane-d4	*196.9*	0	*200*	0	*98.4*	*80-120*	192.6	*2.21*	*30*	
Surr: 4-Bromofluorobenzene	*205.3*	0	*200*	0	*103*	*80-120*	207.4	*1.02*	*30*	
Surr: Dibromofluoromethane	*197.5*	0	*200*	0	*98.8*	*80-120*	198.8	*0.656*	*30*	
Surr: Toluene-d8	*197*	0	*200*	0	*98.5*	*80-120*	201	*2.01*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379577b** Instrument ID **VMS12** Method: **SW8260D**

The following samples were analyzed in this batch:

23081645-40A	23081645-41A	23081645-42A
23081645-43A	23081645-44A	23081645-45A
23081645-46A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R379592a** Instrument ID **VMS11** Method: **SW8260D**

MBLK Sample ID: **11V-BLKW1-230821-R379592a** Units: **µg/L** Analysis Date: **8/21/2023 04:12 PM**
Client ID: Run ID: **VMS11_230821A** SeqNo: **9901549** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*19.67*	0	*20*	0	*98.4*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*20.11*	0	*20*	0	*101*	*80-120*	0			
Surr: Dibromofluoromethane	*21.56*	0	*20*	0	*108*	*80-120*	0			
Surr: Toluene-d8	*19.11*	0	*20*	0	*95.6*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379592a** Instrument ID **VMS11** Method: **SW8260D**

LCS Sample ID: **11V-LCSW1-230821-R379592a** Units: **µg/L** Analysis Date: **8/21/2023 03:06 PM**
Client ID: Run ID: **VMS11_230821A** SeqNo: **9901546** 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	20.85	1.0	20	0	104	75-119	0			
1,1,2,2-Tetrachloroethane	20.62	1.0	20	0	103	80-123	0			
1,1,2-Trichloroethane	18.42	1.0	20	0	92.1	83-118	0			
1,1-Dichloroethane	21.58	1.0	20	0	108	73-122	0			
1,1-Dichloroethene	23.89	1.0	20	0	119	66-131	0			
1,2-Dichloroethane	20.61	1.0	20	0	103	78-121	0			
1,2-Dichloropropane	19.83	1.0	20	0	99.2	78-120	0			
2-Butanone	18.92	5.0	20	0	94.6	69-147	0			
2-Hexanone	20.21	5.0	20	0	101	67-140	0			
4-Methyl-2-pentanone	25.43	1.0	20	0	127	68-199	0			
Acetone	19.94	10	20	0	99.7	70-166	0			
Benzene	20.42	1.0	20	0	102	78-120	0			
Bromodichloromethane	21.3	1.0	20	0	106	73-126	0			
Bromoform	20.24	1.0	20	0	101	60-124	0			
Bromomethane	21.35	1.0	20	0	107	20-183	0			
Carbon disulfide	27.8	1.0	20	0	139	67-159	0			
Carbon tetrachloride	22.1	1.0	20	0	110	69-124	0			
Chlorobenzene	21.02	1.0	20	0	105	80-118	0			
Chloroethane	18.21	1.0	20	0	91	35-136	0			
Chloroform	21.99	1.0	20	0	110	75-119	0			
Chloromethane	14.57	1.0	20	0	72.8	26-117	0			
cis-1,2-Dichloroethene	23.52	1.0	20	0	118	75-123	0			
cis-1,3-Dichloropropene	20.09	1.0	20	0	100	69-120	0			
Dibromochloromethane	18.26	1.0	20	0	91.3	63-117	0			
Ethylbenzene	21.55	1.0	20	0	108	76-116	0			
m,p-Xylene	45.84	2.0	40	0	115	76-119	0			
Methylene chloride	23.83	5.0	20	0	119	68-125	0			
o-Xylene	22	1.0	20	0	110	77-116	0			
Styrene	21.62	1.0	20	0	108	76-123	0			
Tetrachloroethene	22.53	1.0	20	0	113	80-124	0			
Toluene	21.91	1.0	20	0	110	78-116	0			
trans-1,2-Dichloroethene	22.94	1.0	20	0	115	73-124	0			
trans-1,3-Dichloropropene	18.61	1.0	20	0	93	67-118	0			
Trichloroethene	20.08	1.0	20	0	100	75-122	0			
Vinyl chloride	16.26	1.0	20	0	81.3	49-122	0			
Xylenes, Total	67.84	3.0	60	0	113	77-119	0			
Surr: 1,2-Dichloroethane-d4	*18.95*	0	*20*	0	*94.8*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*19.28*	0	*20*	0	*96.4*	*80-120*	0			
Surr: Dibromofluoromethane	*19.72*	0	*20*	0	*98.6*	*80-120*	0			
Surr: Toluene-d8	*20.33*	0	*20*	0	*102*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379592a** Instrument ID **VMS11** Method: **SW8260D**

MS Sample ID: **23081645-54A MS** Units: **µg/L** Analysis Date: **8/22/2023 12:18 AM**
Client ID: **ATR-MW52(55)-G081723** Run ID: **VMS11_230821A** SeqNo: **9901571** 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	19.38	1.0	20	0	96.9	75-119	0			
1,1,2,2-Tetrachloroethane	19.2	1.0	20	0	96	80-123	0			
1,1,2-Trichloroethane	16.46	1.0	20	0	82.3	83-118	0			S
1,1-Dichloroethane	20.08	1.0	20	0	100	73-122	0			
1,1-Dichloroethene	23.75	1.0	20	0	119	66-131	0			
1,2-Dichloroethane	18.87	1.0	20	0	94.4	78-121	0			
1,2-Dichloropropane	18.27	1.0	20	0	91.4	78-120	0			
2-Butanone	18.42	5.0	20	0	92.1	69-147	0			
2-Hexanone	18.61	5.0	20	0	93	67-140	0			
4-Methyl-2-pentanone	21.61	1.0	20	0	108	68-199	0			
Acetone	19.75	10	20	0	98.8	70-166	0			
Benzene	19.51	1.0	20	0	97.6	78-120	0			
Bromodichloromethane	18.28	1.0	20	0	91.4	73-126	0			
Bromoform	17.56	1.0	20	0	87.8	60-124	0			
Bromomethane	11.25	1.0	20	0	56.2	20-183	0			
Carbon disulfide	28.38	1.0	20	0	142	67-159	0			
Carbon tetrachloride	19.8	1.0	20	0	99	69-124	0			
Chlorobenzene	20.7	1.0	20	0	104	80-118	0			
Chloroethane	16.77	1.0	20	0	83.8	35-136	0			
Chloroform	19.59	1.0	20	0	98	75-119	0			
Chloromethane	15.92	1.0	20	0	79.6	26-117	0			
cis-1,2-Dichloroethene	19.84	1.0	20	3.33	82.6	75-123	0			
cis-1,3-Dichloropropene	17.62	1.0	20	0	88.1	69-120	0			
Dibromochloromethane	15.17	1.0	20	0	75.8	63-117	0			
Ethylbenzene	21.94	1.0	20	0	110	76-116	0			
m,p-Xylene	47.05	2.0	40	0	118	76-119	0			
Methylene chloride	24.97	5.0	20	0	125	68-125	0			
o-Xylene	22.69	1.0	20	0	113	77-116	0			
Styrene	21.94	1.0	20	0	110	76-123	0			
Tetrachloroethene	20.78	1.0	20	0	104	80-124	0			
Toluene	20.64	1.0	20	0	103	78-116	0			
trans-1,2-Dichloroethene	20.63	1.0	20	0	103	73-124	0			
trans-1,3-Dichloropropene	14.66	1.0	20	0	73.3	67-118	0			
Trichloroethene	19.52	1.0	20	0	97.6	75-122	0			
Vinyl chloride	17.41	1.0	20	0	87	49-122	0			
Xylenes, Total	69.74	3.0	60	0	116	77-119	0			
Surr: 1,2-Dichloroethane-d4	*18.45*	0	*20*	0	*92.2*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*19.68*	0	*20*	0	*98.4*	*80-120*	0			
Surr: Dibromofluoromethane	*18.65*	0	*20*	0	*93.2*	*80-120*	0			
Surr: Toluene-d8	*19.61*	0	*20*	0	*98*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379592a** Instrument ID **VMS11** Method: **SW8260D**

MSD Sample ID: **23081645-54A MSD** Units: **µg/L** Analysis Date: **8/22/2023 12:40 AM**
Client ID: **ATR-MW52(55)-G081723** Run ID: **VMS11_230821A** SeqNo: **9901572** 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	20.85	1.0	20	0	104	75-119	19.38	7.31	30	
1,1,2,2-Tetrachloroethane	18.76	1.0	20	0	93.8	80-123	19.2	2.32	30	
1,1,2-Trichloroethane	16.79	1.0	20	0	84	83-118	16.46	1.98	30	
1,1-Dichloroethane	20.71	1.0	20	0	104	73-122	20.08	3.09	30	
1,1-Dichloroethene	23.36	1.0	20	0	117	66-131	23.75	1.66	30	
1,2-Dichloroethane	19.26	1.0	20	0	96.3	78-121	18.87	2.05	30	
1,2-Dichloropropane	19.22	1.0	20	0	96.1	78-120	18.27	5.07	30	
2-Butanone	17.37	5.0	20	0	86.8	69-147	18.42	5.87	30	
2-Hexanone	18.07	5.0	20	0	90.4	67-140	18.61	2.94	30	
4-Methyl-2-pentanone	22.57	1.0	20	0	113	68-199	21.61	4.35	30	
Acetone	19.66	10	20	0	98.3	70-166	19.75	0.457	30	
Benzene	19.93	1.0	20	0	99.6	78-120	19.51	2.13	30	
Bromodichloromethane	19.94	1.0	20	0	99.7	73-126	18.28	8.69	30	
Bromoform	17.32	1.0	20	0	86.6	60-124	17.56	1.38	30	
Bromomethane	16.36	1.0	20	0	81.8	20-183	11.25	37	30	R
Carbon disulfide	26.77	1.0	20	0	134	67-159	28.38	5.84	30	
Carbon tetrachloride	21.81	1.0	20	0	109	69-124	19.8	9.66	30	
Chlorobenzene	20.01	1.0	20	0	100	80-118	20.7	3.39	30	
Chloroethane	16	1.0	20	0	80	35-136	16.77	4.7	30	
Chloroform	21.4	1.0	20	0	107	75-119	19.59	8.83	30	
Chloromethane	12.92	1.0	20	0	64.6	26-117	15.92	20.8	30	
cis-1,2-Dichloroethene	22.04	1.0	20	3.33	93.6	75-123	19.84	10.5	30	
cis-1,3-Dichloropropene	18.07	1.0	20	0	90.4	69-120	17.62	2.52	30	
Dibromochloromethane	16.05	1.0	20	0	80.2	63-117	15.17	5.64	30	
Ethylbenzene	21.47	1.0	20	0	107	76-116	21.94	2.17	30	
m,p-Xylene	44.66	2.0	40	0	112	76-119	47.05	5.21	30	
Methylene chloride	22.04	5.0	20	0	110	68-125	24.97	12.5	30	
o-Xylene	21.61	1.0	20	0	108	77-116	22.69	4.88	30	
Styrene	21.04	1.0	20	0	105	76-123	21.94	4.19	30	
Tetrachloroethene	22.29	1.0	20	0	111	80-124	20.78	7.01	30	
Toluene	20.77	1.0	20	0	104	78-116	20.64	0.628	30	
trans-1,2-Dichloroethene	22.63	1.0	20	0	113	73-124	20.63	9.25	30	
trans-1,3-Dichloropropene	15.81	1.0	20	0	79	67-118	14.66	7.55	30	
Trichloroethene	19.86	1.0	20	0	99.3	75-122	19.52	1.73	30	
Vinyl chloride	15.35	1.0	20	0	76.8	49-122	17.41	12.6	30	
Xylenes, Total	66.27	3.0	60	0	110	77-119	69.74	5.1	30	
Surr: 1,2-Dichloroethane-d4	*20.21*	0	*20*	0	*101*	*80-120*	18.45	*9.11*	*30*	
Surr: 4-Bromofluorobenzene	*19.33*	0	*20*	0	*96.6*	*80-120*	19.68	*1.79*	*30*	
Surr: Dibromofluoromethane	*19.29*	0	*20*	0	*96.4*	*80-120*	18.65	*3.37*	*30*	
Surr: Toluene-d8	*19.48*	0	*20*	0	*97.4*	*80-120*	19.61	*0.665*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R379592a** Instrument ID **VMS11** Method: **SW8260D**

The following samples were analyzed in this batch:

23081645-47A	23081645-48A	23081645-49A
23081645-50A	23081645-51A	23081645-52A
23081645-53A	23081645-54A	23081645-55A
23081645-56A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379609a** Instrument ID **VMS10** Method: **SW8260D**

MBLK Sample ID: **10V-BLKW2-230821-R379609a** Units: **µg/L** Analysis Date: **8/21/2023 09:19 PM**
Client ID: Run ID: **VMS10_230821A** SeqNo: **9901283** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*20.07*	0	*20*	0	*100*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*18.92*	0	*20*	0	*94.6*	*80-120*	0			
Surr: Dibromofluoromethane	*20.35*	0	*20*	0	*102*	*80-120*	0			
Surr: Toluene-d8	*18.84*	0	*20*	0	*94.2*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379609a** Instrument ID **VMS10** Method: **SW8260D**

LCS Sample ID: **10V-LCSW2-230821-R379609a** Units: **µg/L** Analysis Date: **8/21/2023 08:27 PM**
Client ID: Run ID: **VMS10_230821A** SeqNo: **9901281** 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	21.58	1.0	20	0	108	75-119	0			
1,1,2,2-Tetrachloroethane	20.67	1.0	20	0	103	80-123	0			
1,1,2-Trichloroethane	20.49	1.0	20	0	102	83-118	0			
1,1-Dichloroethane	20.31	1.0	20	0	102	73-122	0			
1,1-Dichloroethene	22.56	1.0	20	0	113	66-131	0			
1,2-Dichloroethane	21.41	1.0	20	0	107	78-121	0			
1,2-Dichloropropane	21.35	1.0	20	0	107	78-120	0			
2-Butanone	19.03	5.0	20	0	95.2	69-147	0			
2-Hexanone	21.55	5.0	20	0	108	67-140	0			
4-Methyl-2-pentanone	28.2	1.0	20	0	141	68-199	0			
Acetone	18.23	10	20	0	91.2	70-166	0			
Benzene	22.05	1.0	20	0	110	78-120	0			
Bromodichloromethane	21.63	1.0	20	0	108	73-126	0			
Bromoform	19.6	1.0	20	0	98	60-124	0			
Bromomethane	20.73	1.0	20	0	104	20-183	0			
Carbon disulfide	22.68	1.0	20	0	113	67-159	0			
Carbon tetrachloride	22.22	1.0	20	0	111	69-124	0			
Chlorobenzene	20.7	1.0	20	0	104	80-118	0			
Chloroethane	18.5	1.0	20	0	92.5	35-136	0			
Chloroform	20.69	1.0	20	0	103	75-119	0			
Chloromethane	15.65	1.0	20	0	78.2	26-117	0			
cis-1,2-Dichloroethene	20.34	1.0	20	0	102	75-123	0			
cis-1,3-Dichloropropene	19.3	1.0	20	0	96.5	69-120	0			
Dibromochloromethane	20.17	1.0	20	0	101	63-117	0			
Ethylbenzene	20.45	1.0	20	0	102	76-116	0			
m,p-Xylene	41.3	2.0	40	0	103	76-119	0			
Methylene chloride	17.67	5.0	20	0	88.4	68-125	0			
o-Xylene	20.31	1.0	20	0	102	77-116	0			
Styrene	20.67	1.0	20	0	103	76-123	0			
Tetrachloroethene	22.11	1.0	20	0	111	80-124	0			
Toluene	20.31	1.0	20	0	102	78-116	0			
trans-1,2-Dichloroethene	20.63	1.0	20	0	103	73-124	0			
trans-1,3-Dichloropropene	18.34	1.0	20	0	91.7	67-118	0			
Trichloroethene	22.14	1.0	20	0	111	75-122	0			
Vinyl chloride	17.42	1.0	20	0	87.1	49-122	0			
Xylenes, Total	61.61	3.0	60	0	103	77-119	0			
Surr: 1,2-Dichloroethane-d4	*20.08*	0	*20*	0	*100*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*19.86*	0	*20*	0	*99.3*	*80-120*	0			
Surr: Dibromofluoromethane	*20.39*	0	*20*	0	*102*	*80-120*	0			
Surr: Toluene-d8	*19.46*	0	*20*	0	*97.3*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379609a** Instrument ID **VMS10** Method: **SW8260D**

MS Sample ID: **23081645-02A MS** Units: **µg/L** Analysis Date: **8/22/2023 03:38 AM**
Client ID: **ATR-MW39(13)-G081423** Run ID: **VMS10_230821A** SeqNo: **9901305** 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	22.19	1.0	20	0	111	75-119	0			
1,1,2,2-Tetrachloroethane	20.09	1.0	20	0	100	80-123	0			
1,1,2-Trichloroethane	21.21	1.0	20	0	106	83-118	0			
1,1-Dichloroethane	20.79	1.0	20	0	104	73-122	0			
1,1-Dichloroethene	23.2	1.0	20	0	116	66-131	0			
1,2-Dichloroethane	21.46	1.0	20	0	107	78-121	0			
1,2-Dichloropropane	21.76	1.0	20	0	109	78-120	0			
2-Butanone	17.29	5.0	20	0	86.4	69-147	0			
2-Hexanone	17.83	5.0	20	0	89.2	67-140	0			
4-Methyl-2-pentanone	26	1.0	20	0	130	68-199	0			
Acetone	19.43	10	20	0	97.2	70-166	0			
Benzene	22.74	1.0	20	0	114	78-120	0			
Bromodichloromethane	22.6	1.0	20	0	113	73-126	0			
Bromoform	20.76	1.0	20	0	104	60-124	0			
Bromomethane	36.16	1.0	20	0	181	20-183	0			
Carbon disulfide	23.41	1.0	20	0	117	67-159	0			
Carbon tetrachloride	22.7	1.0	20	0	114	69-124	0			
Chlorobenzene	21.3	1.0	20	0	106	80-118	0			
Chloroethane	23.3	1.0	20	0	116	35-136	0			
Chloroform	21.37	1.0	20	0	107	75-119	0			
Chloromethane	14.82	1.0	20	0	74.1	26-117	0			
cis-1,2-Dichloroethene	19.89	1.0	20	0	99.4	75-123	0			
cis-1,3-Dichloropropene	17.84	1.0	20	0	89.2	69-120	0			
Dibromochloromethane	21.81	1.0	20	0	109	63-117	0			
Ethylbenzene	20.43	1.0	20	0	102	76-116	0			
m,p-Xylene	40.64	2.0	40	0	102	76-119	0			
Methylene chloride	17.38	5.0	20	0	86.9	68-125	0			
o-Xylene	20.34	1.0	20	0	102	77-116	0			
Styrene	19.2	1.0	20	0	96	76-123	0			
Tetrachloroethene	21.47	1.0	20	0	107	80-124	0			
Toluene	21.03	1.0	20	0	105	78-116	0			
trans-1,2-Dichloroethene	20.12	1.0	20	0	101	73-124	0			
trans-1,3-Dichloropropene	15.9	1.0	20	0	79.5	67-118	0			
Trichloroethene	21.98	1.0	20	0	110	75-122	0			
Vinyl chloride	18.48	1.0	20	0	92.4	49-122	0			
Xylenes, Total	60.98	3.0	60	0	102	77-119	0			
Surr: 1,2-Dichloroethane-d4	*19.77*	0	*20*	0	*98.8*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*19.86*	0	*20*	0	*99.3*	*80-120*	0			
Surr: Dibromofluoromethane	*20.43*	0	*20*	0	*102*	*80-120*	0			
Surr: Toluene-d8	*18.88*	0	*20*	0	*94.4*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R379609a** Instrument ID **VMS10** Method: **SW8260D**

MSD Sample ID: **23081645-02A MSD** Units: **µg/L** Analysis Date: **8/22/2023 03:55 AM**

Client ID: **ATR-MW39(13)-G081423** Run ID: **VMS10_230821A** SeqNo: **9901306** 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	22.88	1.0	20	0	114	75-119	22.19	3.06	30	
1,1,2,2-Tetrachloroethane	20.42	1.0	20	0	102	80-123	20.09	1.63	30	
1,1,2-Trichloroethane	21.24	1.0	20	0	106	83-118	21.21	0.141	30	
1,1-Dichloroethane	21.14	1.0	20	0	106	73-122	20.79	1.67	30	
1,1-Dichloroethene	23.93	1.0	20	0	120	66-131	23.2	3.1	30	
1,2-Dichloroethane	20.99	1.0	20	0	105	78-121	21.46	2.21	30	
1,2-Dichloropropane	21.92	1.0	20	0	110	78-120	21.76	0.733	30	
2-Butanone	19.16	5.0	20	0	95.8	69-147	17.29	10.3	30	
2-Hexanone	18.25	5.0	20	0	91.2	67-140	17.83	2.33	30	
4-Methyl-2-pentanone	24.88	1.0	20	0	124	68-199	26	4.4	30	
Acetone	19.38	10	20	0	96.9	70-166	19.43	0.258	30	
Benzene	22	1.0	20	0	110	78-120	22.74	3.31	30	
Bromodichloromethane	22.01	1.0	20	0	110	73-126	22.6	2.65	30	
Bromoform	20.12	1.0	20	0	101	60-124	20.76	3.13	30	
Bromomethane	38.5	1.0	20	0	192	20-183	36.16	6.27	30	S
Carbon disulfide	23.63	1.0	20	0	118	67-159	23.41	0.935	30	
Carbon tetrachloride	24.01	1.0	20	0	120	69-124	22.7	5.61	30	
Chlorobenzene	21.52	1.0	20	0	108	80-118	21.3	1.03	30	
Chloroethane	24.24	1.0	20	0	121	35-136	23.3	3.95	30	
Chloroform	21.2	1.0	20	0	106	75-119	21.37	0.799	30	
Chloromethane	14.89	1.0	20	0	74.4	26-117	14.82	0.471	30	
cis-1,2-Dichloroethene	19.64	1.0	20	0	98.2	75-123	19.89	1.26	30	
cis-1,3-Dichloropropene	17.97	1.0	20	0	89.8	69-120	17.84	0.726	30	
Dibromochloromethane	20.58	1.0	20	0	103	63-117	21.81	5.8	30	
Ethylbenzene	21.46	1.0	20	0	107	76-116	20.43	4.92	30	
m,p-Xylene	42.41	2.0	40	0	106	76-119	40.64	4.26	30	
Methylene chloride	17.59	5.0	20	0	88	68-125	17.38	1.2	30	
o-Xylene	21.32	1.0	20	0	107	77-116	20.34	4.7	30	
Styrene	19.65	1.0	20	0	98.2	76-123	19.2	2.32	30	
Tetrachloroethene	22.37	1.0	20	0	112	80-124	21.47	4.11	30	
Toluene	21.24	1.0	20	0	106	78-116	21.03	0.994	30	
trans-1,2-Dichloroethene	21.11	1.0	20	0	106	73-124	20.12	4.8	30	
trans-1,3-Dichloropropene	16.23	1.0	20	0	81.2	67-118	15.9	2.05	30	
Trichloroethene	22.84	1.0	20	0	114	75-122	21.98	3.84	30	
Vinyl chloride	19.38	1.0	20	0	96.9	49-122	18.48	4.75	30	
Xylenes, Total	63.73	3.0	60	0	106	77-119	60.98	4.41	30	
Surr: 1,2-Dichloroethane-d4	*19.61*	0	*20*	0	*98*	*80-120*	19.77	*0.813*	*30*	
Surr: 4-Bromofluorobenzene	*20.17*	0	*20*	0	*101*	*80-120*	19.86	*1.55*	*30*	
Surr: Dibromofluoromethane	*20.25*	0	*20*	0	*101*	*80-120*	20.43	*0.885*	*30*	
Surr: Toluene-d8	*19.04*	0	*20*	0	*95.2*	*80-120*	18.88	*0.844*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379609a** Instrument ID **VMS10** Method: **SW8260D**

The following samples were analyzed in this batch:

23081645-01A	23081645-02A	23081645-03A
23081645-04A	23081645-05A	23081645-06A
23081645-08A	23081645-09A	23081645-10A
23081645-11A	23081645-12A	23081645-13A
23081645-14A	23081645-15A	23081645-16A
23081645-17A	23081645-18A	23081645-20A
23081645-57A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R379610a** Instrument ID **VMS8** Method: **SW8260D**

MBLK Sample ID: **8V-BLKW1-230821-R379610a** Units: **µg/L** Analysis Date: **8/21/2023 09:36 PM**
Client ID: Run ID: **VMS8_230821A** SeqNo: **9902042** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*19.2*	0	*20*	0	*96*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*21.05*	0	*20*	0	*105*	*80-120*	0			
Surr: Dibromofluoromethane	*20.2*	0	*20*	0	*101*	*80-120*	0			
Surr: Toluene-d8	*20.62*	0	*20*	0	*103*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379610a** Instrument ID **VMS8** Method: **SW8260D**

LCS Sample ID: **8V-LCSW1-230821-R379610a** Units: **µg/L** Analysis Date: **8/21/2023 08:41 PM**
Client ID: Run ID: **VMS8_230821A** SeqNo: **9902040** 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	19.44	1.0	20	0	97.2	75-119	0			
1,1,2,2-Tetrachloroethane	21.97	1.0	20	0	110	80-123	0			
1,1,2-Trichloroethane	21.64	1.0	20	0	108	83-118	0			
1,1-Dichloroethane	19.8	1.0	20	0	99	73-122	0			
1,1-Dichloroethene	20.15	1.0	20	0	101	66-131	0			
1,2-Dichloroethane	19.43	1.0	20	0	97.2	78-121	0			
1,2-Dichloropropane	22.83	1.0	20	0	114	78-120	0			
2-Butanone	18.78	5.0	20	0	93.9	69-147	0			
2-Hexanone	20.63	5.0	20	0	103	67-140	0			
4-Methyl-2-pentanone	19.95	1.0	20	0	99.8	68-199	0			
Acetone	19.11	10	20	0	95.6	70-166	0			
Benzene	20.49	1.0	20	0	102	78-120	0			
Bromodichloromethane	20.39	1.0	20	0	102	73-126	0			
Bromoform	17.76	1.0	20	0	88.8	60-124	0			
Bromomethane	16.63	1.0	20	0	83.2	20-183	0			
Carbon disulfide	22.71	1.0	20	0	114	67-159	0			
Carbon tetrachloride	19.5	1.0	20	0	97.5	69-124	0			
Chlorobenzene	20.88	1.0	20	0	104	80-118	0			
Chloroethane	18.66	1.0	20	0	93.3	35-136	0			
Chloroform	18.96	1.0	20	0	94.8	75-119	0			
Chloromethane	11.41	1.0	20	0	57	26-117	0			
cis-1,2-Dichloroethene	19.71	1.0	20	0	98.6	75-123	0			
cis-1,3-Dichloropropene	18.41	1.0	20	0	92	69-120	0			
Dibromochloromethane	19.16	1.0	20	0	95.8	63-117	0			
Ethylbenzene	20.53	1.0	20	0	103	76-116	0			
m,p-Xylene	40.01	2.0	40	0	100	76-119	0			
Methylene chloride	19.46	5.0	20	0	97.3	68-125	0			
o-Xylene	21.2	1.0	20	0	106	77-116	0			
Styrene	20.14	1.0	20	0	101	76-123	0			
Tetrachloroethene	21.05	1.0	20	0	105	80-124	0			
Toluene	21.18	1.0	20	0	106	78-116	0			
trans-1,2-Dichloroethene	21.1	1.0	20	0	106	73-124	0			
trans-1,3-Dichloropropene	19.69	1.0	20	0	98.4	67-118	0			
Trichloroethene	19.53	1.0	20	0	97.6	75-122	0			
Vinyl chloride	17.58	1.0	20	0	87.9	49-122	0			
Xylenes, Total	61.21	3.0	60	0	102	77-119	0			
Surr: 1,2-Dichloroethane-d4	*18.6*	0	*20*	0	*93*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*20.82*	0	*20*	0	*104*	*80-120*	0			
Surr: Dibromofluoromethane	*20.13*	0	*20*	0	*101*	*80-120*	0			
Surr: Toluene-d8	*20.23*	0	*20*	0	*101*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R379610a** Instrument ID **VMS8** Method: **SW8260D**

MS Sample ID: **23081645-19A MS** Units: **µg/L** Analysis Date: **8/22/2023 04:19 AM**

Client ID: **ATR-MW31(30.9)-G081523** Run ID: **VMS8_230821A** SeqNo: **9902064** 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	20.78	1.0	20	0	104	75-119	0			
1,1,2,2-Tetrachloroethane	23.12	1.0	20	0	116	80-123	0			
1,1,2-Trichloroethane	22.62	1.0	20	0	113	83-118	0			
1,1-Dichloroethane	22.37	1.0	20	0	112	73-122	0			
1,1-Dichloroethene	23.99	1.0	20	0	120	66-131	0			
1,2-Dichloroethane	20.52	1.0	20	0	103	78-121	0			
1,2-Dichloropropane	24.18	1.0	20	0	121	78-120	0			S
2-Butanone	20.45	5.0	20	0	102	69-147	0			
2-Hexanone	22.05	5.0	20	0	110	67-140	0			
4-Methyl-2-pentanone	19.81	1.0	20	0	99	68-199	0			
Acetone	23.18	10	20	0	116	70-166	0			
Benzene	22.28	1.0	20	0	111	78-120	0			
Bromodichloromethane	21.81	1.0	20	0	109	73-126	0			
Bromoform	17.85	1.0	20	0	89.2	60-124	0			
Bromomethane	12.1	1.0	20	0	60.5	20-183	0			
Carbon disulfide	22.92	1.0	20	0	115	67-159	0			
Carbon tetrachloride	20.62	1.0	20	0	103	69-124	0			
Chlorobenzene	21.37	1.0	20	0	107	80-118	0			
Chloroethane	15.93	1.0	20	0	79.6	35-136	0			
Chloroform	21.23	1.0	20	0	106	75-119	0			
Chloromethane	11.26	1.0	20	0	56.3	26-117	0			
cis-1,2-Dichloroethene	22.02	1.0	20	0	110	75-123	0			
cis-1,3-Dichloropropene	19.45	1.0	20	0	97.2	69-120	0			
Dibromochloromethane	20.27	1.0	20	0	101	63-117	0			
Ethylbenzene	21.51	1.0	20	0	108	76-116	0			
m,p-Xylene	41.89	2.0	40	0	105	76-119	0			
Methylene chloride	25.29	5.0	20	0	126	68-125	0			S
o-Xylene	22.29	1.0	20	0	111	77-116	0			
Styrene	20.49	1.0	20	0	102	76-123	0			
Tetrachloroethene	21.02	1.0	20	0	105	80-124	0			
Toluene	22.58	1.0	20	0	113	78-116	0			
trans-1,2-Dichloroethene	22.71	1.0	20	0	114	73-124	0			
trans-1,3-Dichloropropene	19.32	1.0	20	0	96.6	67-118	0			
Trichloroethene	21.31	1.0	20	0	107	75-122	0			
Vinyl chloride	16.71	1.0	20	0	83.6	49-122	0			
Xylenes, Total	64.18	3.0	60	0	107	77-119	0			
Surr: 1,2-Dichloroethane-d4	*20.06*	0	*20*	0	*100*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*20.08*	0	*20*	0	*100*	*80-120*	0			
Surr: Dibromofluoromethane	*20.09*	0	*20*	0	*100*	*80-120*	0			
Surr: Toluene-d8	*20.39*	0	*20*	0	*102*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379610a** Instrument ID **VMS8** Method: **SW8260D**

MSD Sample ID: **23081645-19A MSD** Units: **µg/L** Analysis Date: **8/22/2023 04:37 AM**
Client ID: **ATR-MW31(30.9)-G081523** Run ID: **VMS8_230821A** SeqNo: **9902065** 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	22.58	1.0	20	0	113	75-119	20.78	8.3	30	
1,1,2,2-Tetrachloroethane	22.8	1.0	20	0	114	80-123	23.12	1.39	30	
1,1,2-Trichloroethane	22.48	1.0	20	0	112	83-118	22.62	0.621	30	
1,1-Dichloroethane	24.54	1.0	20	0	123	73-122	22.37	9.25	30	S
1,1-Dichloroethene	27.5	1.0	20	0	138	66-131	23.99	13.6	30	S
1,2-Dichloroethane	20.95	1.0	20	0	105	78-121	20.52	2.07	30	
1,2-Dichloropropane	24.61	1.0	20	0	123	78-120	24.18	1.76	30	S
2-Butanone	21.46	5.0	20	0	107	69-147	20.45	4.82	30	
2-Hexanone	22.39	5.0	20	0	112	67-140	22.05	1.53	30	
4-Methyl-2-pentanone	22.03	1.0	20	0	110	68-199	19.81	10.6	30	
Acetone	25.22	10	20	0	126	70-166	23.18	8.43	30	
Benzene	22.94	1.0	20	0	115	78-120	22.28	2.92	30	
Bromodichloromethane	22.03	1.0	20	0	110	73-126	21.81	1	30	
Bromoform	18.95	1.0	20	0	94.8	60-124	17.85	5.98	30	
Bromomethane	14.21	1.0	20	0	71	20-183	12.1	16	30	
Carbon disulfide	28.41	1.0	20	0	142	67-159	22.92	21.4	30	
Carbon tetrachloride	21.8	1.0	20	0	109	69-124	20.62	5.56	30	
Chlorobenzene	22.25	1.0	20	0	111	80-118	21.37	4.03	30	
Chloroethane	17.67	1.0	20	0	88.4	35-136	15.93	10.4	30	
Chloroform	23.17	1.0	20	0	116	75-119	21.23	8.74	30	
Chloromethane	12.58	1.0	20	0	62.9	26-117	11.26	11.1	30	
cis-1,2-Dichloroethene	23.6	1.0	20	0	118	75-123	22.02	6.93	30	
cis-1,3-Dichloropropene	19.93	1.0	20	0	99.6	69-120	19.45	2.44	30	
Dibromochloromethane	20.74	1.0	20	0	104	63-117	20.27	2.29	30	
Ethylbenzene	21.81	1.0	20	0	109	76-116	21.51	1.39	30	
m,p-Xylene	43.29	2.0	40	0	108	76-119	41.89	3.29	30	
Methylene chloride	27.11	5.0	20	0	136	68-125	25.29	6.95	30	S
o-Xylene	22.75	1.0	20	0	114	77-116	22.29	2.04	30	
Styrene	20.32	1.0	20	0	102	76-123	20.49	0.833	30	
Tetrachloroethene	21.99	1.0	20	0	110	80-124	21.02	4.51	30	
Toluene	22.88	1.0	20	0	114	78-116	22.58	1.32	30	
trans-1,2-Dichloroethene	25.23	1.0	20	0	126	73-124	22.71	10.5	30	S
trans-1,3-Dichloropropene	19.83	1.0	20	0	99.2	67-118	19.32	2.61	30	
Trichloroethene	22.38	1.0	20	0	112	75-122	21.31	4.9	30	
Vinyl chloride	19.57	1.0	20	0	97.8	49-122	16.71	15.8	30	
Xylenes, Total	66.04	3.0	60	0	110	77-119	64.18	2.86	30	
Surr: 1,2-Dichloroethane-d4	*19.6*	0	*20*	0	*98*	*80-120*	20.06	*2.32*	*30*	
Surr: 4-Bromofluorobenzene	*19.77*	0	*20*	0	*98.8*	*80-120*	20.08	*1.56*	*30*	
Surr: Dibromofluoromethane	*20.17*	0	*20*	0	*101*	*80-120*	20.09	*0.397*	*30*	
Surr: Toluene-d8	*20.22*	0	*20*	0	*101*	*80-120*	20.39	*0.837*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R379610a** Instrument ID **VMS8** Method: **SW8260D**

The following samples were analyzed in this batch:

23081645-19A	23081645-21A	23081645-22A
23081645-23A	23081645-24A	23081645-25A
23081645-26A	23081645-27A	23081645-28A
23081645-29A	23081645-30A	23081645-31A
23081645-32A	23081645-33A	23081645-34A
23081645-35A	23081645-36A	23081645-37A
23081645-38A	23081645-39A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379642b** Instrument ID **VMS7** Method: **SW8260D**

MBLK Sample ID: **7V-BLKW1-230822-R379642b** Units: **µg/L** Analysis Date: **8/22/2023 11:59 AM**
Client ID: Run ID: **VMS7_230822A** SeqNo: **9906033** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Hexanone	ND	5.0								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	10								
Benzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	1.0								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
o-Xylene	ND	1.0								
Styrene	ND	1.0								
Tetrachloroethene	ND	1.0								
Toluene	ND	1.0								
trans-1,2-Dichloroethene	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*18.85*	0	*20*	0	*94.2*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*19.46*	0	*20*	0	*97.3*	*80-120*	0			
Surr: Dibromofluoromethane	*18.87*	0	*20*	0	*94.4*	*80-120*	0			
Surr: Toluene-d8	*20.03*	0	*20*	0	*100*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379642b** Instrument ID **VMS7** Method: **SW8260D**

LCS Sample ID: **7V-LCSW1-230822-R379642b** Units: **µg/L** Analysis Date: **8/22/2023 11:07 AM**
Client ID: Run ID: **VMS7_230822A** SeqNo: **9906031** 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	20.96	1.0	20	0	105	75-119	0			
1,1,2,2-Tetrachloroethane	20.16	1.0	20	0	101	80-123	0			
1,1,2-Trichloroethane	20.65	1.0	20	0	103	83-118	0			
1,1-Dichloroethane	21.44	1.0	20	0	107	73-122	0			
1,1-Dichloroethene	23.21	1.0	20	0	116	66-131	0			
1,2-Dichloroethane	20.4	1.0	20	0	102	78-121	0			
1,2-Dichloropropane	21.47	1.0	20	0	107	78-120	0			
2-Butanone	18.63	5.0	20	0	93.2	69-147	0			
2-Hexanone	19.69	5.0	20	0	98.4	67-140	0			
4-Methyl-2-pentanone	26.65	1.0	20	0	133	68-199	0			
Acetone	18.88	10	20	0	94.4	70-166	0			
Benzene	22.59	1.0	20	0	113	78-120	0			
Bromodichloromethane	20.9	1.0	20	0	104	73-126	0			
Bromoform	16.81	1.0	20	0	84	60-124	0			
Bromomethane	24.43	1.0	20	0	122	20-183	0			
Carbon disulfide	23.47	1.0	20	0	117	67-159	0			
Carbon tetrachloride	20.8	1.0	20	0	104	69-124	0			
Chlorobenzene	21.8	1.0	20	0	109	80-118	0			
Chloroethane	19.81	1.0	20	0	99	35-136	0			
Chloroform	21.22	1.0	20	0	106	75-119	0			
Chloromethane	16.33	1.0	20	0	81.6	26-117	0			
cis-1,2-Dichloroethene	22.53	1.0	20	0	113	75-123	0			
cis-1,3-Dichloropropene	20.39	1.0	20	0	102	69-120	0			
Dibromochloromethane	18.01	1.0	20	0	90	63-117	0			
Ethylbenzene	22.91	1.0	20	0	115	76-116	0			
m,p-Xylene	45.48	2.0	40	0	114	76-119	0			
Methylene chloride	21.62	5.0	20	0	108	68-125	0			
o-Xylene	22.63	1.0	20	0	113	77-116	0			
Styrene	21.51	1.0	20	0	108	76-123	0			
Tetrachloroethene	23.6	1.0	20	0	118	80-124	0			
Toluene	22.22	1.0	20	0	111	78-116	0			
trans-1,2-Dichloroethene	23.41	1.0	20	0	117	73-124	0			
trans-1,3-Dichloropropene	19.56	1.0	20	0	97.8	67-118	0			
Trichloroethene	21.78	1.0	20	0	109	75-122	0			
Vinyl chloride	17.48	1.0	20	0	87.4	49-122	0			
Xylenes, Total	68.11	3.0	60	0	114	77-119	0			
Surr: 1,2-Dichloroethane-d4	*20.22*	0	*20*	0	*101*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*20.16*	0	*20*	0	*101*	*80-120*	0			
Surr: Dibromofluoromethane	*20.54*	0	*20*	0	*103*	*80-120*	0			
Surr: Toluene-d8	*20.21*	0	*20*	0	*101*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R379642b** Instrument ID **VMS7** Method: **SW8260D**

MS Sample ID: **23081704-21A MS** Units: **µg/L** Analysis Date: **8/22/2023 07:30 PM**
Client ID: Run ID: **VMS7_230822A** SeqNo: **9906055** 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	2122	100	2000	0	106	75-119	0			
1,1,2,2-Tetrachloroethane	2133	100	2000	0	107	80-123	0			
1,1,2-Trichloroethane	2033	100	2000	0	102	83-118	0			
1,1-Dichloroethane	2122	100	2000	0	106	73-122	0			
1,1-Dichloroethene	2303	100	2000	0	115	66-131	0			
1,2-Dichloroethane	1948	100	2000	0	97.4	78-121	0			
1,2-Dichloropropane	2081	100	2000	0	104	78-120	0			
2-Butanone	2043	500	2000	0	102	69-147	0			
2-Hexanone	1949	500	2000	0	97.4	67-140	0			
4-Methyl-2-pentanone	2616	100	2000	0	131	68-199	0			
Acetone	2164	1,000	2000	163	100	70-166	0			
Benzene	2470	100	2000	207	113	78-120	0			
Bromodichloromethane	1989	100	2000	0	99.4	73-126	0			
Bromoform	1654	100	2000	0	82.7	60-124	0			
Bromomethane	2515	100	2000	0	126	20-183	0			
Carbon disulfide	2274	100	2000	0	114	67-159	0			
Carbon tetrachloride	2134	100	2000	0	107	69-124	0			
Chlorobenzene	2136	100	2000	0	107	80-118	0			
Chloroethane	2211	100	2000	0	111	35-136	0			
Chloroform	2101	100	2000	0	105	75-119	0			
Chloromethane	1677	100	2000	0	83.8	26-117	0			
cis-1,2-Dichloroethene	2080	100	2000	0	104	75-123	0			
cis-1,3-Dichloropropene	1882	100	2000	0	94.1	69-120	0			
Dibromochloromethane	1739	100	2000	0	87	63-117	0			
Ethylbenzene	3812	100	2000	1421	120	76-116	0			S
m,p-Xylene	10420	200	4000	5437	125	76-119	0			S
Methylene chloride	2113	500	2000	0	106	68-125	0			
o-Xylene	2396	100	2000	182	111	77-116	0			
Styrene	2102	100	2000	0	105	76-123	0			
Tetrachloroethene	2251	100	2000	0	113	80-124	0			
Toluene	2453	100	2000	230	111	78-116	0			
trans-1,2-Dichloroethene	2215	100	2000	0	111	73-124	0			
trans-1,3-Dichloropropene	1749	100	2000	0	87.4	67-118	0			
Trichloroethene	2125	100	2000	0	106	75-122	0			
Vinyl chloride	1902	100	2000	0	95.1	49-122	0			
Xylenes, Total	12820	300	6000	5619	120	77-119	0			S
Surr: 1,2-Dichloroethane-d4	*1958*	0	*2000*	0	*97.9*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*1994*	0	*2000*	0	*99.7*	*80-120*	0			
Surr: Dibromofluoromethane	*2006*	0	*2000*	0	*100*	*80-120*	0			
Surr: Toluene-d8	*1961*	0	*2000*	0	*98*	*80-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379642b** Instrument ID **VMS7** Method: **SW8260D**

MSD Sample ID: **23081704-21A MSD** Units: **µg/L** Analysis Date: **8/22/2023 07:47 PM**
Client ID: Run ID: **VMS7_230822A** SeqNo: **9906056** 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	2141	100	2000	0	107	75-119	2122	0.891	30	
1,1,2,2-Tetrachloroethane	2162	100	2000	0	108	80-123	2133	1.35	30	
1,1,2-Trichloroethane	2083	100	2000	0	104	83-118	2033	2.43	30	
1,1-Dichloroethane	2188	100	2000	0	109	73-122	2122	3.06	30	
1,1-Dichloroethene	2381	100	2000	0	119	66-131	2303	3.33	30	
1,2-Dichloroethane	1963	100	2000	0	98.2	78-121	1948	0.767	30	
1,2-Dichloropropane	2090	100	2000	0	104	78-120	2081	0.432	30	
2-Butanone	2108	500	2000	0	105	69-147	2043	3.13	30	
2-Hexanone	2097	500	2000	0	105	67-140	1949	7.32	30	
4-Methyl-2-pentanone	2771	100	2000	0	139	68-199	2616	5.75	30	
Acetone	2276	1,000	2000	163	106	70-166	2164	5.05	30	
Benzene	2460	100	2000	207	113	78-120	2470	0.406	30	
Bromodichloromethane	1993	100	2000	0	99.6	73-126	1989	0.201	30	
Bromoform	1717	100	2000	0	85.8	60-124	1654	3.74	30	
Bromomethane	2577	100	2000	0	129	20-183	2515	2.44	30	
Carbon disulfide	2333	100	2000	0	117	67-159	2274	2.56	30	
Carbon tetrachloride	2154	100	2000	0	108	69-124	2134	0.933	30	
Chlorobenzene	2210	100	2000	0	110	80-118	2136	3.41	30	
Chloroethane	2304	100	2000	0	115	35-136	2211	4.12	30	
Chloroform	2093	100	2000	0	105	75-119	2101	0.381	30	
Chloromethane	1639	100	2000	0	82	26-117	1677	2.29	30	
cis-1,2-Dichloroethene	2083	100	2000	0	104	75-123	2080	0.144	30	
cis-1,3-Dichloropropene	1912	100	2000	0	95.6	69-120	1882	1.58	30	
Dibromochloromethane	1788	100	2000	0	89.4	63-117	1739	2.78	30	
Ethylbenzene	3895	100	2000	1421	124	76-116	3812	2.15	30	S
m,p-Xylene	10670	200	4000	5437	131	76-119	10420	2.37	30	S
Methylene chloride	2133	500	2000	0	107	68-125	2113	0.942	30	
o-Xylene	2494	100	2000	182	116	77-116	2396	4.01	30	
Styrene	2213	100	2000	0	111	76-123	2102	5.14	30	
Tetrachloroethene	2374	100	2000	0	119	80-124	2251	5.32	30	
Toluene	2429	100	2000	230	110	78-116	2453	0.983	30	
trans-1,2-Dichloroethene	2286	100	2000	0	114	73-124	2215	3.15	30	
trans-1,3-Dichloropropene	1784	100	2000	0	89.2	67-118	1749	1.98	30	
Trichloroethene	2249	100	2000	0	112	75-122	2125	5.67	30	
Vinyl chloride	1896	100	2000	0	94.8	49-122	1902	0.316	30	
Xylenes, Total	13160	300	6000	5619	126	77-119	12820	2.68	30	S
Surr: 1,2-Dichloroethane-d4	*1931*	0	*2000*	0	*96.6*	*80-120*	1958	*1.39*	*30*	
Surr: 4-Bromofluorobenzene	*2047*	0	*2000*	0	*102*	*80-120*	1994	*2.62*	*30*	
Surr: Dibromofluoromethane	*2022*	0	*2000*	0	*101*	*80-120*	2006	*0.794*	*30*	
Surr: Toluene-d8	*1967*	0	*2000*	0	*98.4*	*80-120*	1961	*0.305*	*30*	

The following samples were analyzed in this batch:

23081645-07A	23081645-37A	23081645-38A
23081645-53A	23081645-54A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: WSP USA Environment and Infrastructure Inc.
Work Order: 23081645
Project: TFS Rochester 7775-23-2012

QC BATCH REPORT

Batch ID: **R379778b** Instrument ID **VMS10** Method: **SW8260D**

MBLK Sample ID: **10V-BLKW1-230823-R379778b** Units: **µg/L** Analysis Date: **8/23/2023 11:49 AM**
Client ID: Run ID: **VMS10_230823A** SeqNo: **9910874** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	ND	1.0								
Surr: 1,2-Dichloroethane-d4	*18.28*	0	*20*	0	*91.4*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*18.87*	0	*20*	0	*94.4*	*80-120*	0			
Surr: Dibromofluoromethane	*20.11*	0	*20*	0	*101*	*80-120*	0			
Surr: Toluene-d8	*19.15*	0	*20*	0	*95.8*	*80-120*	0			

LCS Sample ID: **10V-LCSW1-230823-R379778b** Units: **µg/L** Analysis Date: **8/23/2023 10:57 AM**
Client ID: Run ID: **VMS10_230823A** SeqNo: **9910872** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	18.19	1.0	20	0	91	75-123	0			
Surr: 1,2-Dichloroethane-d4	*18.91*	0	*20*	0	*94.6*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*20.16*	0	*20*	0	*101*	*80-120*	0			
Surr: Dibromofluoromethane	*20.11*	0	*20*	0	*101*	*80-120*	0			
Surr: Toluene-d8	*19.73*	0	*20*	0	*98.6*	*80-120*	0			

MS Sample ID: **23081645-53A MS** Units: **µg/L** Analysis Date: **8/23/2023 06:37 PM**
Client ID: **ATR-MW59(46)-G081723** Run ID: **VMS10_230823A** SeqNo: **9910896** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	4811	100	2000	2563	112	75-123	0			
Surr: 1,2-Dichloroethane-d4	*1861*	0	*2000*	0	*93*	*80-120*	0			
Surr: 4-Bromofluorobenzene	*1949*	0	*2000*	0	*97.4*	*80-120*	0			
Surr: Dibromofluoromethane	*2002*	0	*2000*	0	*100*	*80-120*	0			
Surr: Toluene-d8	*1826*	0	*2000*	0	*91.3*	*80-120*	0			

MSD Sample ID: **23081645-53A MSD** Units: **µg/L** Analysis Date: **8/23/2023 06:55 PM**
Client ID: **ATR-MW59(46)-G081723** Run ID: **VMS10_230823A** SeqNo: **9910897** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	5185	100	2000	2563	131	75-123	4811	7.48	30	S
Surr: 1,2-Dichloroethane-d4	*1828*	0	*2000*	0	*91.4*	*80-120*	1861	*1.79*	*30*	
Surr: 4-Bromofluorobenzene	*1929*	0	*2000*	0	*96.4*	*80-120*	1949	*1.03*	*30*	
Surr: Dibromofluoromethane	*1955*	0	*2000*	0	*97.8*	*80-120*	2002	*2.38*	*30*	
Surr: Toluene-d8	*1850*	0	*2000*	0	*92.5*	*80-120*	1826	*1.31*	*30*	

The following samples were analyzed in this batch: 23081645-53A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Chain of Custody Form

ALS Group USA, Corp

Work Order: 23081645

Company Name	Wood Environment & Infrastructure Solutions, Inc.	Purchase Order	
Send Report To	Paul Stork	Company Name	Wood Environment & Infrastructure Solutions, Inc.
Project Name	TFS Rochester	Invoice Attn	Accounts Payable
Address	521 Byers Road, Suite 204	Project #	7775-23-2012
City State Zip	Miamisburg, OH 45342	Address	521 Byers Road, Suite 204
Phone	9378593600	City State Zip	Miamisburg, OH 45342
e-Mail Address	Paul.Stork@WSP.com	Phone	9378593600
		e-Mail Address	

Parameter/Method Request for Analysis

A: VOCs

B:

23081645

WOOD-DAYTON: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester 7775-23-2012

#	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Sample Notes
1	ATR-MW39(71.3)-6081423	08/14/23	1010	GW	1	3	X										
2	ATR-MW39(13)-6081423	08/14/23	1245	GW	1	3	X										
3	ATR-MW39(13)-6081423MS/MSD	08/14/23	1245	GW	1	6	X										MS/MSD Sample
4	ATR-MW38(69.9)-6081423	08/14/23	1330	GW	1	3	X										
5	ATR-MW38(69.9)-6081423R	08/14/23	1330	GW	1	3	X										
6	ATR-MW38(29.1)-6081423	08/14/23	1410	GW	1	3	X										
7	ATR-MW38(20.8)-6081423	08/14/23	1450	GW	1	3	X										
8	ATR-MW36(92.4)-6081423	8/14/23	1545	GW	1	3	X										
9	ATR-MW36(35.7)-6081423	8/14/23	1645	GW	1	3	X										
10	ATR-EBOd1-081423	8/14/23	1710	GW	1	3	X										

Notes: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Required Turnaround Time: ___ Std 10 Wk days ___ 5 Wk days ___ 2 Wk days ___ 24 hr

Results Due:

Relinquished by	Date	Time	Received by	Date	Time
	8/17/23	1230		8/17/23	1230
	8/17/23	1724		8/17/23	1724
	8/18/23	1330		8/18/23	1330

NOTES:

QC Reporting Level: (check box below)

- Level II: Standard QC
- Level III: Std QC + Raw data
- Level IV: SW846 CLP-Like

Other: IR3 1.9 C

ALS Group USA, Corp | 3352 128th Ave | | Holland Michigan 49424 | TEL. (616) 399-6070

Chain of Custody Form

ALS Group USA, Corp

Work Order: 23081645

Company Name	Wood Environment & Infrastructure Solutions, Inc.	Purchase Order	
Send Report To	Paul Stark	Company Name	Wood Environment & Infrastructure Solutions, Inc.
Project Name	TFS Rochester	Invoice Attn	Accounts Payable
Address	521 Byers Road, Suite 204	Project #	7775-23-2012
City State Zip	Miamisburg, OH 45342	Address	521 Byers Road, Suite 204
Phone	9378593600	City State Zip	Miamisburg, OH 45342
e-Mail Address	paul.stark@wsp.com	Phone	9378593600
		e-Mail Address	

Parameter/Method Request for Analysis

A: VOCs

B:

J:

23081645
WOOD-DAYTON: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 7775-23-2012

#	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Sample Notes
1	ATR-MW37(23.3)-G081423	08/14/23	12:59	GW	1	3	X										
2	ATR-MW37(70)-G081423	08/14/23	1349	GW	1	3	X										
3	ATR-MW37(98)-G081423	08/14/23	1443	GW	1	3	X										
4	ATR-MW35(45)-G081423	08/14/23	1600	GW	1	3	X										
5	ATR-MW35(90)-G081423	08/14/23	1658	GW	1	3	X										
6	~~ATR-MW~~ ATR-EB002-G081423	08/14/23	1720	GW	1	3	X										
7	ATR-MW31(98.5)-G081523	8/15/23	0900	GW	1	3	X										
8	ATR-MW31(98.5)-G081523R	8/15/23	0900	GW	1	3	X										
9	ATR-MW31(55.5)-G081523	8/15/23	0940	GW	1	3	X										
10	ATR-MW31(30.9)-G081523	8/15/23	1020	GW	1	3	X										

Notes: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Required Turnaround Time: ___ Std 10 Wk days ___ 5 Wk days ___ 2 Wk days ___ 24 hr

Results Due:

Relinquised by	Date	Time	Received by	Date	Time
	8/17/23	1230		8/17/23	1230
	8/17/23	1224		8-17-23	1224
	8/18	1330		8/18/23	1330

NOTES:

QC Reporting Level: (check box below)

- Level II: Standard QC
- Level III: Std QC + Raw data
- Level IV: SW846 CLP-Like

Other: IR3 1.9 c

ALS Group USA, Corp | 3352 128th Ave | | Holland Michigan 49424 | TEL. (616) 399-6070

Chain of Custody Form

ALS Group USA, Corp

Work Order: 23081645

Company Name	Wood Environment & Infrastructure Solutions, Inc.	Purchase Order	
Send Report To		Company Name	Wood Environment & Infrastructure Solutions, Inc.
Project Name	TFS Rochester	Invoice Attn	Accounts Payable
Address	521 Byers Road, Suite 204	Project #	7775-23-2012
City State Zip	Miamisburg, OH 45342	Address	521 Byers Road, Suite 204
Phone	9378593600	City State Zip	Miamisburg, OH 45342
e-Mail Address	paul.stark@wsp.com	Phone	9378593600
		e-Mail Address	

Parameter/Method Request for Analysis

A: VOCs

B:

23081645

WOOD-DAYTON: Wood Environment & Infrastructure Solutions, Inc.

Project: TFS Rochester 7775-23-2012

#	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Sample Notes
1	ATR-MW31(30.5)-6081523MS/MSD	8/15/23	1020	GW	1	6	X										MS/MSD Sample
2	ATR-MW30(41.1)-6081523	8/15/23	1110	GW	1	3	X										
3	ATR-MW29(103.3)-6081523	8/15/23	1205	GW	1	3	X										
4	~~ATR-MW28(80.5)~~ ATR-MW28(80.5)-6081523	8/15/23	1240	GW	1	3	X										
5	ATR-MW27(18)-6081523	8/15/23	1330	GW	1	3	X										
6	ATR-MW27(53.05)-6081523	8/15/23	1405	GW	1	3	X										
7	ATR-MW27(75.4)-6081523	8/15/23	1440	GW	1	3	X										
8	ATR-MW27(104.2)-6081523	8/15/23	1515	GW	1	3	X										
9	ATR-MW27(135)-6081523	8/15/23	1555	GW	1	3	X										
10	ATR-EB001-081523	8/15/23	1605	GW	1	3	X										

Notes: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Required Turnaround Time: ___ Std 10 Wk days ___ 5 Wk days ___ 2 Wk days ___ 24 hr

Results Due:

Relinquished by	Date	Time	Received by	Date	Time
	8/17/23	1230		8/17/23	1230
	8/17/23	1224		8/17/23	1224
	8/18/23	1330		8/18/23	1330

NOTES:

QC Reporting Level: (check box below):

- Level II: Standard QC
- Level III: Std QC + Raw data
- Level IV: SW846 CLP-Like
- Other: 1R3 1.9 c

ALS Group USA, Corp | 3352 128th Ave | | Holland Michigan 49424 | TEL. (616) 399-6070

Chain of Custody Form

ALS Group USA, Corp

Work Order: 23081645

Company Name	Wood Environment & Infrastructure Solutions, Inc.	Purchase Order		Parameter/Method Request for Analysis	
		Company Name	Wood Environment & Infrastructure Solutions, Inc.	A	VOCs
Send Report To	Paul Stork	Invoice Attn	Accounts Payable	B	
Project Name	TFS Rochester	Project #	7775-23-2012	C	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204		
City State Zip	Miamisburg, OH 45342	City State Zip	Miamisburg, OH 45342		
Phone	9378593600	Phone	9378593600		
e-Mail Address	Paul.Stork@wsp.com	e-Mail Address			

23081645
WOOD-DAYTON: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 7775-23-2012

#	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Sample Notes
1	ATR-OW6(63)-608162 3	8/16/23	0830	GW	1	3	X										
2	ATR-OW6(38)-608162 3	8/16/23	0910	GW	1	3	X										
3	ATR-MW67(30)-608162 3	8/16/23	0945	GW	1	3	X										
4	ATR-MW71(33)-608162 3	8/16/23	1025	GW	1	3	X										
5	ATR-MW17-608162 3	8/16/23	1120	GW	1	3	X										
6	ATR-MW84(44)-608162 3	8/16/23	1230	GW	1	3	X										
7	ATR-MW19(53)-608162 3	8/16/23	1315	GW	1	3	X										
8	ATR-MW3-608162 3	8/16/23	1425	GW	1	3	X										
9	ATR-MW60(38)-608162 3	8/16/23	1505	GW	1	3	X										
10	ATR-MW60(38)-608162 3R	8/16/23	1505	GW	1	3	X										

Notes: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Required Turnaround Time: ___ Std 10 Wk days ___ 5 Wk days ___ 2 Wk days ___ 24 hr

Results Due:

Relinquished by	Date	Time	Received by	Date	Time
	8/17/23	1230		8/17/23	1230
	8/17/23	1224		8/17/23	1224
	8/18/23	1330		8/18/23	1330

NOTES:

QC Reporting Level: (check box below)

- Level II: Standard QC
- Level III: Std QC + Raw data
- Level IV: SW846 CLP-Like

Other: IR3 1.9 c

ALS Group USA, Corp | 3352 128th Ave | | Holland Michigan 49424 | TEL. (616) 399-6070

Chain of Custody Form

ALS Group USA, Corp

Work Order: 23081645

Company Name	Wood Environment & Infrastructure Solutions, Inc.	Purchase Order		Parameter/Method Request for Analysis	
		Company Name	Wood Environment & Infrastructure Solutions, Inc.	A	VOCs
Send Report To	Paul Stark	Invoice Attn	Accounts Payable	B	
Project Name	TFS Rochester	Project #	7775232012	C	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	D	
				E	
City State Zip	Miamisburg, OH 45342	City State Zip	Miamisburg, OH 45342	F	
Phone	9378593600	Phone	9378593600	G	
e-Mail Address	Paul.Stark@wsp.com	e-Mail Address		H	
				I	
				J	

23081645
WOOD-DAYTON: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 7775-23-2012

#	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Sample Notes
1	ATR-MW34(37)-G081523	08/15/23	0922	GW	1	3	X										
2	ATR-MW34(85)-G081523	08/15/23	1022	GW	1	3	X										
3	ATR-MW32(24.1)-G081523	08/15/23	1142	GW	1	3	X										
4	ATR-MW32(89)-G081523	08/15/23	1304	GW	1	3	X										
5	ATR-MW50(45)-G081523	08/15/23	1418	GW	1	3	X										
6	ATR-MW50(80)-G081523	08/15/23	1532	GW	1	3	X										
7	ATR-EB002-G081523	08/15/23	1556	GW	1	3	X										
8	~~ATR-MW51(70)-G081623~~	08/16/23	0923	GW	1	3	X										
9	~~ATR-MW50~~ IRT ATR-MW51(25)-G081623	08/16/23	1002	GW	1	3	X										
10	ATR-MW48(154)-G081623	08/16/23	1118	GW	1	3	X										

Notes: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

Preservative Key: 1-HCL, 2-HNO3, 3-H2SO4, 4-NaOH, 5-Na2S2O3, 6-NaHSO4, 7-Other, 8-4 degrees C, 9-5035

Required Turnaround Time: ___ Std 10 Wk days ___ 5 Wk days ___ 2 Wk days ___ 24 hr

Results Due:

Relinquished by	Date	Time	Received by	Date	Time
	8/17/23	1230		8/17/23	1236
	8/17/23	1224		8/17/23	1224
	8/18/23	1330		8/18/23	1330

NOTES:

QC Reporting Level: (check box below)

- Level II: Standard QC
- Level III: Std QC + Raw data
- Level IV: SW846 CLP-Like

Other: IR3 1.9 c

ALS Group USA, Corp | 3352 128th Ave | | Holland Michigan 49424 | TEL. (616) 399-6070

6 of 6

Chain of Custody Form

ALS Group USA, Corp

Work Order: 23081645

Company Name	Wood Environment & Infrastructure Solutions, Inc.	Purchase Order		Parameter/Method Request for Analysis	
		Company Name	Wood Environment & Infrastructure Solutions, Inc.	A	VOCs
Send Report To	Paul Stork	Invoice Attn	Accounts Payable	B	
Project Name	TFS Rochester	Project #	7775-23-2012	C	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	D	
City State Zip	Miamisburg, OH 45342	City State Zip	Miamisburg, OH 45342	E	
Phone	9378593600	Phone	9378593600	F	
e-Mail Address	Paul.Stork@wsp.com	e-Mail Address		G	
				H	
				I	
				J	

23081645
WOOD-DAYTON: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Rochester 7775-23-2012

#	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Sample Notes
1	ATR-MW25(82)-608162 3	8/16/23	1242	GW	1	3	X										
2	ATR-MW20(51)-608162 3	8/16/23	1428	GW	1	3	X										
3	ATR-EB002-608162 3	8/16/23	1450	GW	1	3	X										
4	~~ATR-EB001-081623~~	8/16/23		GW	1	3	X										
5	ATR-EB001-081623	8/16/23	1520	GW	1	3	X										
6	ATR-MW54(46)-608172 3	8/17/23	0830	GW	1	3	X										
7	ATR-MW52(55)-608172 3	8/17/23	0910	GW	1	3	X										
8	ATR-MW52(55)-608172 3 MS/MSD	8/17/23	0910	GW	1	3	X										MS/MSD
9	ATR-MW57(38)-608172 3	8/17/23	1000	GW	1	3	X										
10	ATR-EB001-081723	8/17/23	1015	GW	1	3	X										

Notes: Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

Preservative Key: 1-HCL, 2-HNO3, 3-H2SO4, 4-NaOH, 5-Na2S2O3, 6-NaHSO4, 7-Other, 8-4 degrees C, 9-5035

Required Turnaround Time: ___ Std 10 Wk days ___ 5 Wk days ___ 2 Wk days ___ 24 hr

Results Due:

Relinquished by	Date	Time	Received by	Date	Time
	8/17/23	1230		8/17/23	1230
	8/17/23	1224		8/17/23	1224
	8-18-23	1330		8/18/23	1330

NOTES: *ATR-TB001-081423 *TB001 Run for VOCs (Trip Blank)

QC Reporting Level: (check box below)

- Level II: Standard QC
- Level III: Std QC + Raw data
- Level IV: SW846 CLP-Like

Other: IR3 1.9°C

ALS Group USA, Corp | 3352 128th Ave | | Holland Michigan 49424 | TEL. (616) 399-6070

ALS Group, USA
Holland, Michigan

Sample Receipt Checklist

Client Name: **WOOD-DAYTON** Date/Time Received: **18-Aug-23 00:00**

Work Order: **23081645** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 18-Aug-23 (Date) Reviewed by: Jodi Blouw (eSignature) 21-Aug-23 (Date)

Matrices: Groundwater
Carrier name: ALS - Holland

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):	1.9/2.9 c	IR3	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	8/18/2023 4:25:32 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: