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18 February 2021

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

RE: Report of the Seventh Groundwater Stability Assessment Monitoring Event
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana
Facility Cleanup ID 7100149

Dear Mr. Keller:

Enclosed are two copies of the Report of the Seventh Groundwater Stability Assessment Monitoring Event performed at the TORX Facility located in Rochester, Indiana prepared by Wood Environment & Infrastructure Solutions, Inc. (Wood). The work was completed as described in the Remediation Work Plan dated 24 June 2014 and the Groundwater Stability Assessment correspondence dated 16 July 2019.

This report details the results of the seventh groundwater stability assessment monitoring event, which occurred in September 2020. Based on the results of the laboratory analyses performed on the groundwater samples collected from the Groundwater Stability Assessment monitoring well network, the CVOC concentrations detected continue to remain near to slightly above the laboratory reporting limit in the majority of the wells. The current total contaminant mass values indicate a stable plume condition. An analysis of plume stability and site closure will be conducted in the coming months.

The eighth and final stability groundwater monitoring event was completed at the Site during the week of 14 December 2020. If you have any questions or comments following your review of this report, please call our office at 937-859-3600.

Sincerely,
Wood Environment & Infrastructure Solutions, Inc.

Paul J. Stork
Project Manager

K. Joe Deatherage, PE
Senior Engineer

Enclosure

cc: Jamison Schiff, Textron, Inc.

REPORT OF THE SEVENTH GROUNDWATER STABILITY ASSESSMENT MONITORING EVENT

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

Prepared for:

Textron Inc.
40 Westminster Street
Providence, RI 02903

Prepared by:

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

February 2021

Project No. 3359-15-1040

IMPORTANT NOTICE

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

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ACRONYMS

CVOC	chlorinated volatile organic compounds
DCE	dichloroethene
DO	dissolved oxygen
ERD	Enhanced Reductive Dechlorination
ID	identification
IDEM	Indiana Department of Environmental Management
ISCR	In-situ Chemical Reduction
µg/L	micrograms per liter
MS/MSD	matrix spike/matrix spike duplicate
NTU	Nephelometric Turbidity Units
ORP	oxygen reduction potential
QAPP	Quality Assurance Project Plan
RWP	Remediation Work Plan
TCE	trichloroethene
Site	former TORX facility
USEPA	U.S. Environmental Protection Agency
VOC	Volatile organic compound
Wood	Wood Environment & Infrastructure Solutions, Inc.

1.0 INTRODUCTION

Wood Environment & Infrastructure Solutions, Inc. (Wood), has prepared this report to document the findings from the seventh groundwater stability assessment monitoring event. The seventh groundwater stability assessment event included quarterly groundwater stability monitoring and semi-annual treatment area groundwater monitoring. The monitoring is associated with the implemented In-Situ Chemical Reduction (ISCR) and Enhanced Reductive Dechlorination (ERD) remedies for groundwater containing chlorinated volatile organic compounds (CVOCs) at and in the vicinity of the former TORX Facility (now operated by Acument) located at 4366 North Old US Highway 31 in Rochester, Indiana (Site). A Site location map is presented as **Figure 1**.

2.0 BACKGROUND

Wood was retained by Textron, Inc. to conduct remedial injection activities at the former TORX facility to treat groundwater containing CVOCs. A Remediation Work Plan (RWP) was prepared in June 2014 and submitted to the Indiana Department of Environmental Management (IDEM) and was subsequently approved by IDEM. The RWP guided the remedial activities implemented at the Site. The overall remedial approach involved treating the portion of the source area near the Western Pond behind (west of) the facility using ISCR technology and stimulating biologically mediated reductive dechlorination at the remainder of the source area west of the building, beneath the manufacturing building, and in most of the downgradient plume. Full-scale remediation injection activities commenced in 2015. Additional “polishing” injections were performed in 2016 and 2017. The treatment zones, arrays, and monitoring well locations are shown on **Figure 2**. Details of the remedial actions and subsequent performance groundwater monitoring events are provided in numerous reports on file with IDEM.

As detailed in the RWP, the performance of the remediation of the CVOCs in groundwater at the site has been monitored on a regular basis through the implementation of the Performance Groundwater Monitoring Program. The results of the Performance Groundwater Monitoring demonstrated significant reductions of CVOCs in groundwater post remediation. Because of the success of the remedial effort in reducing the

concentrations of CVOCs at the Site, the groundwater monitoring has been transitioned from performance monitoring to stability monitoring. Details of the groundwater stability assessment monitoring program are described in a correspondence submitted to IDEM entitled, *Groundwater Stability Assessment, TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana, Facility Cleanup ID 7100149*, 16 July 2019, Wood.

This report documents the seventh groundwater stability assessment monitoring event that has been conducted at the Site following completion of the full-scale remediation and the performance monitoring phase. Details of the first six groundwater stability assessment monitoring events and the 2020 annual groundwater monitoring event are provided in reports on file with IDEM.

3.0 GROUNDWATER STABILITY ASSESSMENT MONITORING

Wood conducted the seventh quarterly groundwater stability assessment monitoring event at the Site in September 2020 concurrently with the 2020 annual groundwater monitoring. The groundwater stability assessment monitoring well locations and treatment area monitoring well locations are shown on **Figure 3**.

3.1 Scope of Work

As part of the seventh groundwater stability assessment monitoring event, Wood collected groundwater samples from 30 monitoring wells located within and downgradient of the treatment zones. Of the 30 monitoring wells, 12 wells are designated quarterly stability monitoring wells and 18 are semi-annual treatment area monitoring wells. Additional wells were also sampled as part of the concurrent annual groundwater monitoring event; however, for the purposes of this report only the 30 wells sampled as part of the groundwater stability assessment monitoring are detailed. The results of the additional wells sampled as part of the 2020 annual monitoring event were detailed in Wood's Report of 2020 Annual Groundwater Monitoring on file with IDEM.

For most monitoring wells, groundwater was purged using low-flow sampling techniques. Certain smaller diameter wells [MW-68(32) and MW-72(32)] were purged by bailing. Field water quality parameters were monitored during purging. Groundwater was sampled

once field water quality parameters had stabilized or at least three well volumes of groundwater were removed [MW-68(32) and MW-72(32)]. Groundwater samples were analyzed for volatile organic compounds (VOCs). Separate from the stability assessment, a subset of wells was also analyzed for dissolved gases (methane, ethane, and ethene).

3.2 Field Activities

On 8 September 2020, prior to commencing groundwater sampling, depth to groundwater measurements were collected, and groundwater elevations were calculated using the monitoring well casing elevations previously determined by a registered surveyor (**Table 1)**. Groundwater contour maps of the remediation areas were prepared for the shallow overburden zone (**Figure 4**) and intermediate overburden zone (**Figure 5**).

Groundwater samples were collected from the stability assessment monitoring wells sampled quarterly, identified in **Table 1**, between 13 September 2020 and 14 September 2020. The wells, except MW-68(32) and MW-72(32), were purged and sampled using a pneumatic powered bladder pump. Prior to sample collection, groundwater was purged from the wells using a low-flow procedure. Groundwater field parameters including pH, temperature, conductivity, oxygen reduction potential (ORP), dissolved oxygen (DO), and turbidity, as well as, groundwater elevation, were measured approximately every 5 minutes until at least three sequential readings showed stabilization, i.e., +/- 0.1 for pH, +/- 10 millivolts for ORP, +/- 10 Nephelometric Turbidity Units (NTUs) for turbidity, and +/- 10% for DO. Upon achieving stabilization, groundwater samples were collected directly from the pump discharge tubing. Copies of the field sample collection logs are presented in **Appendix A**. A summary of the final field measurements is presented in **Table 2**.

The 1.5-inch diameter monitoring wells, MW-68(32) and MW-72(32), located inside the Acument building were purged and sampled using disposable 0.75-inch diameter polyethylene bailers. Prior to sample collection, at least three well volumes of groundwater were removed from each well. Groundwater samples were collected directly from the bailers. Groundwater field parameters including pH, temperature, conductivity, ORP, DO, and turbidity were measured during purging and recorded on sampling forms presented in **Appendix A**.

Groundwater samples were collected into laboratory-supplied, pre-preserved vials and labeled with the sample information. Quality control samples including equipment blanks, field blanks and trip blanks were also submitted. Equipment blanks were collected by pouring deionized water through the decontaminated pump and into the sampling container. Field blanks were collected by pouring deionized water into sample containers. Trip blanks were prepared by the laboratory and accompanied each shipment of VOC samples during transport.

Following sample collection, the sample containers were placed on ice in coolers and shipped under chain of custody to ALS Environmental Laboratory in Holland, Michigan for VOC analysis by United States Environmental Protection Agency (USEPA) Method 8260B. Samples for dissolved gas analyses were shipped under chain-of-custody to Pace Analytical, in Baton Rouge, Louisiana for analysis of dissolved gases (methane, ethane, and ethene) by Method AM20GAX.

Sampling pumps were decontaminated between wells using a liquinox-water wash, potable water rinse, and distilled water rinse. Dedicated sampling tubing was used to purge and sample each well, and new disposable bailers were used for sampling monitoring wells MW-68(32) and MW-72(32). Disposable equipment was changed out between each well.

4.0 DATA EVALUATION

The results of the laboratory analyses are presented in **Tables 3 and 4** which also include results from the last performance monitoring event (in 2018) or the 2018 annual monitoring event and the previous stability and treatment area monitoring events (in 2019 and 2020). The measured field parameters at sampling referenced in Section 3.0 are included in **Table 2**. A summary of the results of the CVOC analyses performed on samples collected from the quarterly stability monitoring wells is shown on **Figure 6**. The analytical data from the semi-annual treatment area monitoring wells is presented on **Figure 7**. Copies of the laboratory reports and chain-of-custodies are presented in **Appendix B**.

For comparison purposes, groundwater concentration data obtained from the last performance groundwater monitoring event or the 2018 annual monitoring event is provided as baseline concentrations in **Table 3**. The baseline monitoring event occurred in October 2018, except for MW-59(46), MW-25(82), MW-27(18), OW-6(38), OW-6(63); for these five wells, the baseline monitoring event was the annual sampling event that occurred in July 2018. Although individual increases of CVOCs may be periodically observed at certain monitoring well locations, the entire plume mass is considered when evaluating the stability of the plume.

The CVOC concentrations in the messenger (located down-gradient of the source area), perimeter of compliance (located down-gradient of the messenger wells), and downgradient monitoring wells (used to assess the leading down-gradient edge of the treatment zone) continue to remain near to slightly above the laboratory reporting limit in the majority of the wells or exhibit a stable or decreasing concentration trend.

Total contaminant mass values for each monitoring well are presented in **Table 3**. The total contaminant mass values are used to observe plume conditions. The total contaminant mass has decreased from the baseline event or remained at zero in 26 of the 30 wells sampled during the seventh stability monitoring event. The total contaminant mass of perimeter of compliance well MW-17 has been stable to decreasing since the baseline event. The total contaminant mass in downgradient wells OW-6(38) and OW-6(63), has continued to remain at zero for the seven stability assessment monitoring events. The preceding evidence indicates a stable plume situation.

4.1 Quarterly Stability Monitoring Results

Messenger wells [MW-6C, OW-1(39), MW-14, OW-2(33), OW-2(53)] were sampled as a part of the quarterly stability monitoring event. With the exception of MW-6C and MW-14, the messenger well results were all at or below the reporting limit for the targeted CVOCs. The concentrations reported for all of the messenger wells were below the USEPA MCLs for all targeted CVOCs. In MW-14, vinyl chloride decreased from 2.0 micrograms per liter (µg/L) in June 2020 to 1.8 µg/L in September 2020. In MW-6C, cis-1,2 dichloroethene (DCE) decreased from 7.0 µg/L in June of 2020 to 1.2 µg/L in September 2020, while vinyl chloride decreased from 4.1 µg/L in June of 2020 to 1.4 µg/L in September 2020.

Perimeter of compliance wells [MW-17, MW-26(17.5), MW-26(28.8), MW-26(58.2), MW-27(18)] were sampled as a part of the stability monitoring event. With the exception of MW-17, the perimeter of compliance well results were below reporting limits for the targeted CVOCs. In MW-17, cis-1,2-DCE decreased from 22 µg/L in June of 2020 to 19 µg/L in September of 2020; trichloroethene (TCE) increased from 17 µg/L in June of 2020 to 24 µg/L in September of 2020; and vinyl chloride decreased from 3.6 µg/L in June of 2020 to 3.1 µg/L in September 2020.

CVOCs were not detected above the laboratory reporting limits at the down gradient wells [OW-6(38) and OW-6(63)] as has been the case for all stability monitoring events.

4.2 Semi-Annual Treatment Area Monitoring Results

Semi-Annual Treatment Area monitoring wells [MW-15, MW-20(51), MW-25(16.4), MW-25(32.6), MW-25(82), MW-59(29), MW-59(46), MW-68(32), MW-72(32), MW-81(27), MW-82(58), OW-3(35), OW-3(55), OW-4(35), OW-4(54), OW-5(16), OW-5(35), and OW-5(44) were sampled as a part of the stability monitoring event. The data show similar or reduced contaminant concentrations relative to the February 2020 sampling event with the exception of MW-20(51), MW-25(82) and MW-59(46). In MW-20(51), vinyl chloride increased in concentration from below the reporting limit in February 2020 to 33 µg/L in September 2020, though as detailed in Section 4.3 the result is qualified as potential high bias and potential imprecision. In MW-25(82) vinyl chloride increased from below the reporting limit in February 2020 to 2.7 µg/L in September 2020 while cis-1,2-DCE increased from below the reporting limit in February 2020 to slightly above the reporting limit in September 2020.

In MW-59(46), cis-1,2-DCE, TCE, 1,1-DCE and trans-1,2-DCE increased in concentration relative to the February 2020 sampling event while vinyl chloride decreased. The TCE concentration at MW-59(46) increased from 1.8 µg/L in February 2020 to 380 µg/L in September 2020. This is presumed to be the result of desorption of residual CVOCs in the sediments in the vicinity of MW-59(46). Based upon the results (from the 2020 annual monitoring event) for nearby monitoring wells (MW-61, MW-52(55), or MW-3), the extent of the CVOCs in the sediments appears to be limited. Because of the overall significant reduction in contaminant mass in the source areas following the remedial injections, the

recent localized mass increase at MW-59(46) is not expected to impact the demonstrated attenuation at the downgradient portion of the plume.

Dissolved gas monitoring, including the analysis of methane, ethane and ethene, was conducted on samples from the five wells listed in Table 4 to gauge any continued effects of the remedial efforts. Methane concentrations increased in all wells sampled for dissolved gases relative to the February 2020 sampling event with the exception of MW-6C where methane concentration remained the same. Ethene concentrations decreased in all wells sampled for dissolved gases relative to the February 2020 sampling event with the exception of MW-81(27) where the ethene concentration increased. Ethane concentrations increased in all wells sampled for dissolved gases relative to the February 2020 sampling event with the exception of MW-68(32) where the ethane concentration decreased.

4.3 Quality Control Results

The VOC data was validated in general accordance with the Site Quality Assurance Project Plan (QAPP). The data validation included an evaluation of the data quality and a review of the field quality assurance sample results. The data validation report for the Stability monitoring event is included in **Appendix B**. The conclusions of the data validation indicated that certain results required qualification as detailed below.

The laboratory data conformed to the guidelines in the QAPP with a few exceptions. A detail of the exceptions is presented in **Appendix B**. The exceptions include:

- Two sample identifications (IDs) were changed by the laboratory at the direction of Wood in order to be consistent with established nomenclature for the project. Sample IDs ATR-TB001-091520 and OW6(37)-G091320 on the COC were subsequently logged by the laboratory as ATR-TB001-G091520 and ATR-OW6(38)-G091320, respectively.

- The percent difference exceeded the project goal of 20% for bromomethane and 4-methyl-2-pentanone in the initial calibration verification standard. These VOCs were not detected in the associated samples and reporting limits were qualified estimated (UJ).

- The percent difference exceeded project goal of 20% in various analytical batches for bromomethane and chloroethane. These VOCs were not detected in the associated samples and reporting limits were qualified estimated (UJ).

- In the laboratory control sample associated with batch R298450A the percent recovery of chloroethane and chloromethane were lower than the limit of 70. These VOCs were not detected in the associated samples and reporting limits were qualified estimated (UJ). In the laboratory control sample associated with batch R298454A the percent recovery of chloroethane was lower than the limit of 70. Chloroethane was not detected in the associated samples and reporting limits were qualified estimated (UJ).

- Matrix spike/matrix spike duplicate (MS/MSD) percent recoveries for several compounds including bromomethane, trans-1,3-dichloropropene and vinyl chloride were outside the QAPP control limits for a subset of results. In the MS sample associated with sample ATR-MW20(51)-G091320 the percent recovery for bromomethane and trans-1,3-dichloropropene was less than the control limits indicating potential low bias and the reporting limit was qualified estimate (UJ). In the MS/MSD associated with sample ATR-MW20(51)-G091320 the percent recovery for vinyl chloride in the MS was greater than the control limits. The MS/MSD relative percent difference for vinyl chloride exceeded the project goal and the result for vinyl chloride was qualified estimated with a potential high bias and potential imprecision (J+).

- Percent recoveries of surrogate 1,2-dichloroethane-d4 in samples ATR-MW59(29)-G091420, ATR-MW17-G091420 and ATR-MW59(29)-G091420R were above the control limits indicating potential high bias. In sample ATR-MW59(29)-G091420 the detected analytes chloroethane, ethylbenzene, vinyl chloride, o-xylenes, m&p-xylenes and total xylenes were qualified as estimated (J+). In samples ATR-MW17-G091420 the detected analytes cis-1,2-dichloroethene, trichloroethene and vinyl chloride were qualifies as estimated (J+). In sample ATR-MW59(29)-G091420R detected analytes chloroethane, cis-1,2-dichloroethene, ethylbenzene,

vinyl chloride, o-xylenes, m&p-xylenes and total xylenes were qualified as estimated (J+).

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

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

Carbon disulfide was detected in equipment blank ATR-EB001-091320 at a concentration of 2.8 µg/L. No other VOCs were detected in the remaining equipment blank samples, trip blank samples, or the field blank sample.

5.0 UPCOMING ACTIVITES

The current total contaminant mass values at each stability monitoring well indicate a stable plume condition. The eighth stability monitoring event occurred in December 2020. Statistical analysis of the data will be performed in 2021 to assess the plume condition and to support the basis for site closure.

TABLES

Table 1
Surveyed Elevation Data and Depth to Water for Stability Assessment Monitoring Wells and Monitoring Wells Used for Groundwater Elevation Contour Mapping
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation[3]	Depth to Water (btoc)[4]	Ground Water Elevation
Stability Assessment Monitoring Wells				
MW-59(29)[2]	02/05/19	799.57	14.55	785.02
	05/16/19		13.23	786.34
	08/12/19		14.18	785.39
	11/25/19		14.81	784.76
	02/17/20		14.39	785.18
	06/16/20		13.52	786.05
	09/08/20		14.72	784.85
MW-59(46)[2]	02/06/19	799.25	14.18	785.07
	05/16/19		12.87	786.38
	08/12/19		13.87	785.38
	11/25/19		NM	NM
	02/19/20		14.10	785.15
	06/16/20		13.21	786.04
	09/08/20		14.41	784.84
MW-81(27)[2]	02/05/19	798.34	14.92	783.42
	05/16/19		11.64	786.70
	08/12/19		12.66	785.68
	11/25/19		13.41	784.93
	02/17/20		12.85	785.49
	06/16/20		12.02	786.32
	09/08/20		13.27	785.07
MW-68(32)[2]	02/05/19	809.46	24.67	784.79
	05/16/19		23.27	786.19
	08/12/19		24.28	785.18
	11/25/19		24.85	784.61
	02/17/20		24.67	784.79
	06/16/20		23.57	785.89
	09/08/20		24.62	784.84
MW-72(32)[2]	02/05/19	808.92	24.07	784.85
	05/16/19		22.74	786.18
	08/12/19		23.98	784.94
	11/25/19		24.29	784.63
	02/17/20		24.11	784.81
	06/16/20		23.04	785.88
	09/08/20		24.17	784.75
MW-6C[1]	02/05/19	810.40	25.60	784.80
	05/16/19		24.35	786.05
	08/12/19		25.31	785.09
	11/25/19		25.98	784.42
	02/17/20		25.55	784.85
	06/16/20		24.66	785.74
	09/08/20		25.82	784.58

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

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation[3]	Depth to Water (btoc)[4]	Ground Water Elevation
MW-20(51)[2]	02/05/19	810.41	25.63	784.78
	05/16/19		24.37	786.04
	08/12/19		25.32	785.09
	11/25/19		25.06	785.35
	02/17/20		25.54	784.87
	06/16/20		24.67	785.74
	09/08/20		25.83	784.58
MW-82(58)[2]	02/05/19	807.38	22.60	784.78
	05/16/19		22.38	785.00
	08/12/19		22.35	785.03
	11/25/19		22.95	784.43
	02/17/20		22.56	784.82
	06/16/20		21.69	785.69
	09/08/20		22.76	784.62
OW-1(39)[1]	02/05/19	805.15	20.49	784.66
	05/16/19		19.22	785.93
	08/12/19		20.16	784.99
	11/25/19		20.79	784.36
	02/17/20		20.39	784.76
	06/16/20		19.52	785.63
	09/08/20		20.58	784.57
MW-14[1]	02/05/19	802.70	18.10	784.60
	05/16/19		16.97	785.73
	08/12/19		17.91	784.79
	11/25/19		18.49	784.21
	02/17/20		18.02	784.68
	06/16/20		17.24	785.46
	09/08/20		18.30	784.40
OW-2(33)[1]	02/05/19	805.54	20.89	784.65
	05/16/19		19.72	785.82
	08/12/19		20.68	784.86
	11/25/19		21.26	784.28
	02/17/20		20.85	784.69
	06/16/20		20.01	785.53
	09/08/20		21.08	784.46
OW-2(53)[1]	02/05/19	805.50	20.86	784.64
	05/16/19		19.69	785.81
	08/12/19		20.64	784.86
	11/25/19		21.21	784.29
	02/17/20		20.82	784.68
	06/16/20		19.98	785.52
	09/08/20		21.05	784.45

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

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation[3]	Depth to Water (btoc)[4]	Ground Water Elevation
OW-3(35)[2]	02/05/19	801.72	17.23	784.49
	05/16/19		16.12	785.60
	08/12/19		NM	NM
	11/25/19		17.64	784.08
	02/17/20		17.21	784.51
	06/16/20		16.40	785.32
	09/08/20		17.45	784.27
OW-3(55)[2]	02/05/19	801.66	17.40	784.26
	05/16/19		16.07	785.59
	08/12/19		NM	NM
	11/25/19		17.55	784.11
	02/17/20		17.32	784.34
	06/16/20		16.35	785.31
	09/08/20		17.39	784.27
MW-15[2]	02/05/19	792.90	9.10	783.80
	05/16/19		8.02	784.88
	08/12/19		8.96	783.94
	11/25/19		9.48	783.42
	02/17/20		9.05	783.85
	06/16/20		8.28	784.62
	09/08/20		9.33	783.57
OW-4(35)[2]	02/05/19	801.35	17.33	784.02
	05/16/19		16.22	785.13
	08/12/19		18.14	783.21
	11/25/19		17.71	783.64
	02/17/20		17.30	784.05
	06/16/20		16.49	784.86
	09/08/20		17.59	783.76
OW-4(54)[2]	02/05/19	801.33	17.23	784.10
	05/16/19		16.12	785.21
	08/12/19		17.04	784.29
	11/25/19		17.61	783.72
	02/17/20		17.21	784.12
	06/16/20		16.40	784.93
	09/08/20		17.51	783.82
MW-17[1]	02/05/19	784.41	2.90	781.51
	05/16/19		1.75	782.66
	08/12/19		2.47	781.94
	11/25/19		3.18	781.23
	02/17/20		2.71	781.70
	06/16/20		1.97	782.44
	09/08/20		3.01	781.40

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

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation[3]	Depth to Water (btoc)[4]	Ground Water Elevation
MW-25(16.4)[2]	02/05/19	791.93	7.79	784.14
	05/16/19		6.76	785.17
	08/12/19		7.64	784.29
	11/25/19		8.20	783.73
	02/17/20		7.81	784.12
	06/16/20		7.01	784.92
	09/08/20		8.11	783.82
MW-25(32.6)[2]	02/06/19	791.92	7.80	784.12
	05/16/19		NM	NM
	08/12/19		7.81	784.11
	11/25/19		NM	NM
	02/18/20		7.84	784.08
	06/16/20		7.01	784.91
	09/08/20		8.12	783.80
MW-25(82)[2]	02/06/19	791.93	9.69	782.24
	05/16/19		NM	NM
	08/12/19		9.19	782.74
	11/25/19		NM	NM
	02/18/20		9.65	782.28
	06/16/20		8.70	783.23
	09/08/20		9.73	782.20
MW-26(17.5)[1]	02/05/19	792.16	10.25	781.91
	05/16/19		9.27	782.89
	08/12/19		10.06	782.10
	11/25/19		10.46	781.70
	02/17/20		10.21	781.95
	06/16/20		9.45	782.71
	09/08/20		10.56	781.60
MW-26(28.8)[1]	02/05/19	792.14	10.18	781.96
	05/16/19		NM	NM
	08/12/19		9.97	782.17
	11/25/19		NM	NM
	02/18/20		10.09	782.05
	06/16/20		9.41	782.73
	09/08/20		10.46	781.68
MW-26(58.2)[1]	02/05/19	792.17	9.70	782.47
	05/16/19		8.54	783.63
	08/12/19		9.38	782.79
	11/25/19		15.25	776.92
	02/17/20		9.52	782.65
	06/16/20		8.77	783.40
	09/08/20		9.83	782.34

Table 1
Surveyed Elevation Data and Depth to Water for Stability Assessment Monitoring Wells and Monitoring Wells Used for Groundwater Elevation Contour Mapping
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation[3]	Depth to Water (btoc)[4]	Ground Water Elevation
MW-27(18)[1]	02/05/19	785.82	4.27	781.55
	05/16/19		NM	NM
	08/12/19		3.92	781.90
	11/25/19		4.56	781.26
	02/17/20		4.09	781.73
	06/16/20		3.43	782.39
	09/08/20		4.42	781.40
OW-5(16)[2]	02/05/19	790.72	8.43	782.29
	05/16/19		7.52	783.20
	08/12/19		8.29	782.43
	11/25/19		7.99	782.73
	02/17/20		8.41	782.31
	06/16/20		7.77	782.95
	09/08/20		8.76	781.96
OW-5(35)[2]	02/05/19	790.76	7.80	782.96
	05/16/19		6.58	784.18
	08/12/19		7.42	783.34
	11/25/19		7.99	782.77
	02/17/20		7.55	783.21
	06/16/20		6.80	783.96
	09/08/20		7.87	782.89
OW-5(44)[2]	02/06/19	790.70	7.52	783.18
	05/16/19		NM	NM
	08/12/19		7.36	783.34
	11/25/19		NM	NM
	02/17/20		NM	NM
	06/16/20		6.76	783.94
	09/08/20		7.81	782.89
OW-6(38)[1]	02/05/19	789.27	8.57	780.70
	05/16/19		7.36	781.91
	08/12/19		8.13	781.14
	11/25/19		8.93	780.34
	02/17/20		8.45	780.82
	06/16/20		7.62	781.65
	09/08/20		8.78	780.49
OW-6(63)[1]	02/05/19	789.27	7.97	781.30
	05/16/19		6.76	782.51
	08/12/19		7.52	781.75
	11/25/19		8.32	780.95
	02/17/20		7.87	781.40
	06/16/20		7.07	782.20
	09/08/20		8.16	781.11

Table 1
Surveyed Elevation Data and Depth to Water for Stability Assessment Monitoring Wells and Monitoring Wells Used for Groundwater Elevation Contour Mapping
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation[3]	Depth to Water (btoc)[4]	Ground Water Elevation
Shallow Overburden Wells Used for Groundwater Elevation Contour Mapping				
MW-1	09/08/20	840.48	38.51	801.97
MW-3	09/08/20	805.45	20.64	784.81
MW-5	09/08/20	807.89	18.99	788.90
MW-6C	09/08/20	810.40	25.82	784.58
MW-9C	09/08/20	808.16	23.52	784.64
MW-12	09/08/20	808.46	23.82	784.64
MW-13	09/08/20	806.67	22.03	784.64
MW-14	09/08/20	802.70	18.30	784.40
MW-16	09/08/20	791.18	9.38	781.80
MW-17	09/08/20	784.41	3.01	781.40
MW-20(35)	09/08/20	810.42	25.86	784.56
MW-21(40.2)	09/08/20	810.33	24.91	785.42
MW-23(39.9)	09/08/20	816.67	31.77	784.90
MW-24(24.9)	09/08/20	804.92	20.58	784.34
MW-25(16.4)	09/08/20	791.93	8.11	783.82
MW-26(17.5)	09/08/20	792.16	10.56	781.60
MW-27(18)	09/08/20	785.82	4.42	781.40
MW-30(41.1)	09/08/20	794.57	20.02	774.55
MW-31(30.9)	09/08/20	781.48	9.38	772.10
MW-53(41)	09/08/20	809.87	25.01	784.86
MW-57(38)	09/08/20	795.51	8.98	786.53
MW-59(29)	09/08/20	799.57	14.72	784.85
MW-60(38)	09/08/20	798.51	13.50	785.01
MW-62(36)	09/08/20	810.71	26.15	784.56
MW-65(32)	09/08/20	809.40	24.79	784.61
MW-67(30)	09/08/20	809.53	24.79	784.74
MW-68(32)	09/08/20	809.46	24.62	784.84
MW-71(33)	09/08/20	809.15	24.42	784.73
MW-72(32)	09/08/20	808.92	24.17	784.75
MW-75(32)	09/08/20	809.39	24.84	784.55
MW-76(30)	09/08/20	809.28	24.51	784.77
MW-77(41)	09/08/20	809.39	24.78	784.61
MW-78(35)	09/08/20	809.30	24.69	784.61
MW-79(30)	09/08/20	809.26	25.01	784.25
MW-81(27)	09/08/20	798.34	13.27	785.07
MW-84(44)	09/08/20	824.91	40.66	784.25
MW-85(39)	09/08/20	796.49	12.18	784.31
MW-89(28)	09/08/20	797.77	12.96	784.81
OW-1(28)	09/08/20	805.18	20.60	784.58
OW-2(33)	09/08/20	805.54	21.08	784.46
OW-3(35)	09/08/20	801.72	17.45	784.27
OW-4(35)	09/08/20	801.35	17.59	783.76
OW-5(16)	09/08/20	790.72	8.76	781.96
OW-6(38)	09/08/20	789.27	8.78	780.49
PM-2	09/08/20	798.45	13.30	785.15
PM-3	09/08/20	808.40	23.43	784.97
ZVI-2(17.5)	09/08/20	791.17	9.56	781.61

Table 1
Surveyed Elevation Data and Depth to Water for Stability Assessment Monitoring Wells and Monitoring Wells Used for Groundwater Elevation Contour Mapping
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well/Point ID	Date Measured	Top of Casing Elevation[3]	Depth to Water (btoc)[4]	Ground Water Elevation
Intermediate Overburden Wells Used for Groundwater Elevation Contour Mapping				
MW-9B	09/08/20	808.07	23.31	784.76
MW-15	09/08/20	792.90	9.33	783.57
MW-19(53)	09/08/20	809.56	24.93	784.63
MW-20(51)	09/08/20	810.41	25.83	784.58
MW-24(55.4)	09/08/20	804.94	20.55	784.39
MW-25(45.2)	09/08/20	791.91	8.40	783.51
MW-26(58.2)	09/08/20	792.17	9.83	782.34
MW-27(53.05)	09/08/20	785.84	3.48	782.36
MW-29(82.5)	09/08/20	801.45	25.21	776.24
MW-31(55.5)	09/08/20	781.47	9.80	771.67
MW-52(55)	09/08/20	798.84	14.46	784.38
MW-55(49)	09/08/20	799.24	13.51	785.73
MW-56(50)	09/08/20	797.23	11.71	785.52
MW-82(58)	09/08/20	807.38	22.76	784.62
MW-83(64)	09/08/20	807.67	23.11	784.56
MW-84(65)	09/08/20	824.56	40.51	784.05
OW-1(39)	09/08/20	805.15	20.58	784.57
OW-2(53)	09/08/20	805.50	21.05	784.45
OW-3(55)	09/08/20	801.66	17.39	784.27
OW-4(54)	09/08/20	801.33	17.51	783.82
OW-5(35)	09/08/20	790.76	7.87	782.89
OW-6(63)	09/08/20	789.27	8.16	781.11
ZVI-2(32.5)	09/08/20	791.19	9.44	781.75

NM - Not Measured

(1) Well sampled quarterly

(2) Well sampled semi-annually

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

(4) Below top of casing (feet)

Prepared By: RLB
Checked By: RED

Table 2
Summary of Field Parameters - Stability Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well / Point ID	Date Measured	pH S.U.	Conductivity mS/cm	Temperature °C	DO mg/L	ORP mV
MW-59(29)[2]	02/07/19	6.23	1.721	13.08	0.16	-104.8
	08/22/19	6.21	1.470	14.81	0.61	-48.6
	02/19/20	6.41	1.260	10.95	0.57	-46.2
	09/14/20	6.45	1.947	16.69	1.31	-100.2
MW-59(46)[2]	02/06/19	7.16	1.194	13.41	0.11	-175.5
	08/22/19	7.11	0.423	14.84	0.50	-43.3
	02/19/20	6.89	0.400	8.06	0.51	-73.4
	09/14/20	7.21	0.634	17.71	0.23	-146.1
MW-81(27)[2]	02/07/19	6.06	0.963	13.60	0.23	-101.1
	08/21/19	6.09	0.824	21.05	0.40	-84.4
	02/19/20	6.33	0.869	9.48	0.80	-24.7
	09/14/20	6.25	1.430	15.68	1.18	-94.0
MW-68(32)[2]	02/07/19	7.12	3.138	16.6	3.29	-161
	08/22/19	6.39	2.037	18.45	6.44	44.1
	02/19/20	6.48	2.012	17.60	6.09	-55.3
	09/14/20	6.24	1.595	16.67	4.39	-72.0
MW-72(32)[2]	02/07/19	6.72	3.489	16.8	3.64	-156
	08/22/19	6.43	1.484	18.79	5.65	47.5
	02/19/20	6.78	2.365	17.63	6.07	-85.6
	09/14/20	6.23	3.792	15.74	2.91	-109.3
MW-6C[1]	02/06/19	6.77	0.738	14.7	0.66	-83
	05/17/19	6.77	0.806	15.99	2.55	-106.7
	08/21/19	6.91	0.684	18.47	1.87	-8.6
	11/26/19	6.68	0.674	9.16	0.84	-71.4
	02/19/20	6.81	0.705	10.9	0.51	-61.2
	06/16/20	6.63	0.670	15.50	2.10	-71.2
	09/13/20	6.92	1.132	15.90	2.81	-94.2
MW-20(51)[2]	02/07/19	7.18	2.424	9.8	0.36	-140
	08/20/19	6.62	0.410	18.34	0.65	100.9
	02/19/20	6.56	3.545	9.17	0.61	-53.4
	09/13/20	7.13	0.948	16.21	0.28	-174.1
MW-82(58)[2]	02/06/19	6.88	1.814	13.38	0.15	-149.8
	08/20/19	6.83	1.102	17.41	0.21	-121.3
	02/19/20	6.85	0.711	12.68	0.83	-16.8
	09/14/20	7.04	1.091	15.81	0.96	-129.8
OW-1(39)[1]	02/06/19	7.18	1.537	13.53	0.15	-163.5
	05/17/19	7.23	0.614	14.41	0.21	-171.2
	08/21/19	7.34	0.578	15.10	0.38	-67.1
	11/26/19	7.35	0.477	13.66	0.25	-147.4
	02/18/20	7.08	0.616	12.88	0.28	-27.0
	06/17/20	7.26	0.599	14.31	0.33	-124.2
	09/13/20	7.20	1.070	14.37	0.32	-150.1

Table 2
Summary of Field Parameters - Stability Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well / Point ID	Date Measured	pH S.U.	Conductivity mS/cm	Temperature °C	DO mg/L	ORP mV
MW-14[1]	02/06/19	7.01	1.643	12.68	1.11	-150.0
	05/17/19	7.16	0.696	14.98	0.18	-183.7
	08/20/19	6.99	1.084	14.54	0.32	-90.1
	11/26/19	7.04	0.746	11.65	0.34	-158.8
	02/18/20	6.99	1.661	11.89	0.39	-131.4
	06/17/20	7.27	0.738	14.74	0.09	-136.3
	09/14/20	7.00	1.315	13.85	1.12	-131.6
OW-2(33)[1]	02/06/19	6.92	0.889	13.3	0.21	-142
	05/16/19	7.21	0.694	14.66	0.17	-123.6
	08/21/19	7.01	0.745	15.59	0.14	-76.7
	11/26/19	7.03	0.774	12.48	0.55	-121.0
	02/19/20	7.09	0.836	12.74	0.31	-43.3
	06/17/20	6.74	0.671	14.38	0.24	-107.1
	09/13/20	6.95	1.077	14.54	0.34	-123.6
OW-2(53)[1]	02/06/19	7.00	0.694	9.2	0.49	-137
	05/16/19	6.98	0.646	15.71	0.42	-138.3
	08/21/19	7.10	0.643	15.25	0.91	-83.5
	11/26/19	7.24	0.645	12.51	0.45	-139.2
	02/19/20	6.81	0.685	11.46	3.14	-11.4
	06/17/20	6.97	0.520	14.17	0.33	-123.1
	09/13/20	7.13	0.967	14.91	1.15	-125.7
OW-3(35)[2]	02/06/19	7.10	1.899	13.44	0.05	-179.4
	08/21/19	6.71	0.614	16.78	0.30	-100.2
	02/18/20	7.04	1.538	11.44	0.61	-146.2
	09/13/20	7.23	1.122	13.84	1.54	-125.6
OW-3(55)[2]	02/06/19	6.83	2.102	13.01	5.66	127.8
	08/21/19	6.68	0.636	15.84	0.49	-190.1
	02/18/20	7.04	1.709	11.20	0.62	-149.2
	09/13/20	7.10	1.185	14.21	4.06	-118.3
MW-15[2]	02/06/19	6.54	1.235	11.8	0.30	-109
	08/20/19	6.35	2.161	16.61	1.02	-50.5
	02/18/20	6.18	1.196	12.51	0.43	19.1
	09/14/20	6.54	1.767	14.29	3.38	-80.5
OW-4(35)[2]	02/05/19	6.88	3.341	11.1	0.19	-132
	08/21/19	6.71	1.386	14.83	0.70	-76.8
	02/18/20	6.59	3.353	11.59	0.62	-110.1
	09/13/20	6.45	2.016	16.28	0.79	-88.8
OW-4(54)[2]	02/05/19	7.14	1.901	11.6	0.26	-96
	08/21/19	7.15	0.978	14.71	0.20	-75.5
	02/18/20	6.93	1.994	10.02	0.50	-104.5
	09/13/20	6.74	1.634	15.95	0.74	-106.9

Table 2
Summary of Field Parameters - Stability Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well / Point ID	Date Measured	pH S.U.	Conductivity mS/cm	Temperature °C	DO mg/L	ORP mV
MW-17[1]	02/05/19	6.99	0.960	7.29	0.17	-78.4
	05/16/19	6.99	0.722	14.78	0.16	-86.5
	08/20/19	6.81	1.279	21.33	0.25	-62.1
	11/25/19	7.28	0.673	12.94	0.27	-101.4
	02/17/20	7.49	0.774	9.20	0.41	-64.7
	06/16/20	7.11	0.771	15.15	0.19	-84.3
	09/14/20	6.95	1.290	13.81	0.15	-99.7
MW-25(16.4)[2]	02/06/19	6.84	0.789	11.9	0.13	-122
	08/20/19	6.62	1.208	15.65	0.10	-90.2
	02/18/20	6.70	0.768	11.12	0.53	-106.4
	09/14/20	6.84	1.234	15.93	0.89	-124.5
MW-25(32.6)[2]	02/06/19	6.87	0.644	12.6	0.39	-132
	08/20/19	6.63	1.032	17.77	0.28	-102.7
	02/18/20	6.79	0.648	12.21	0.41	-95.2
	09/14/20	6.78	0.957	15.03	1.29	-114.8
MW-25(82)[2]	02/06/19	7.06	0.699	11.8	0.35	-113
	08/20/19	7.04	1.172	15.98	0.71	-51.8
	02/18/20	6.78	0.730	10.82	2.13	57.6
	09/14/20	7.09	1.214	14.33	3.93	-93.0
MW-26(17.5)[1]	02/05/19	7.07	1.575	10.2	0.17	-113
	05/16/19	6.80	0.843	13.73	1.48	-102.8
	08/19/19	6.27	0.813	15.22	1.79	-78.6
	11/25/19	7.18	0.788	13.99	0.87	-139.5
	02/18/20	7.41	0.830	11.61	2.32	-98.6
	06/16/20	6.94	0.733	16.74	0.32	-123.1
	09/14/20	7.20	1.193	14.86	0.68	-135.1
MW-26(28.8)[1]	02/05/19	7.03	2.230	12.5	0.14	-113
	05/16/19	7.09	1.203	14.63	0.05	-106.8
	08/19/19	6.27	1.144	14.57	0.12	-69.7
	11/25/19	6.95	1.103	13.37	0.40	-121.4
	02/18/20	6.86	1.199	11.60	0.28	-63.1
	06/16/20	6.59	1.028	13.52	0.07	-96.2
	09/14/20	6.69	1.690	13.64	0.24	-99.1
MW-26(58.2)[1]	02/05/19	7.37	0.968	11.8	0.27	141
	05/16/19	7.21	0.573	13.64	0.44	-125.8
	08/19/19	6.95	0.604	15.74	1.01	-95.0
	11/25/19	7.44	0.528	13.49	0.38	-152.9
	02/18/20	6.87	0.600	11.20	0.39	-104.7
	06/16/20	7.14	0.502	14.60	0.28	-130.2
	09/14/20	6.96	0.889	14.37	4.74	-97.8

Table 2
Summary of Field Parameters - Stability Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Monitoring Well / Point ID	Date Measured	pH S.U.	Conductivity mS/cm	Temperature °C	DO mg/L	ORP mV
MW-27(18)[1]	02/05/19	7.14	0.879	9.49	0.12	-119.7
	05/16/19	6.99	0.660	13.00	0.09	-153.8
	08/19/19	7.67	0.701	18.31	10.85	1.4
	11/25/19	7.44	0.668	14.29	0.21	-173.1
	02/17/20	8.45	0.672	8.16	0.41	-114.9
	06/16/20	7.16	0.671	13.40	0.07	-154.6
	09/14/20	7.24	1.144	16.17	0.21	-155.1
OW-5(16)[2]	02/06/19	6.78	1.825	11.60	0.18	-136.1
	08/21/19	6.73	0.651	16.30	0.35	-199.2
	02/18/20	6.48	0.757	11.27	0.51	-53.3
	09/13/20	6.81	1.212	16.75	0.08	-111.1
OW-5(35)[2]	02/05/19	6.92	0.881	12.42	0.86	-90.5
	08/21/19	6.56	0.623	16.68	0.46	-194.1
	02/18/20	6.36	0.601	11.75	0.37	4.8
	09/13/20	6.81	1.054	16.31	1.10	-95.6
OW-5(44)[2]	02/06/19	6.45	3.137	11.89	0.21	-125.2
	08/21/19	6.00	1.065	15.40	0.40	-180.2
	02/18/20	6.14	1.120	12.07	0.52	-42.2
	09/13/20	6.43	1.478	17.40	0.22	-87.6
OW-6(38)[1]	02/05/19	7.06	0.932	12.38	1.97	-104.5
	05/16/19	7.00	0.668	13.15	1.7	-111.8
	08/21/19	7.19	0.739	14.88	0.12	-107.3
	11/25/19	7.35	0.775	12.87	0.14	-155.1
	02/17/20	8.30	0.735	8.61	0.35	-111.0
	06/16/20	7.02	0.700	12.81	0.12	-120.3
	09/13/20	6.87	1.357	17.45	1.21	-109.4
OW-6(63)[1]	02/05/19	6.79	2.164	11.99	0.19	-115.0
	05/16/19	6.97	2.087	12.72	1.1	-114.7
	08/21/19	7.10	0.78	15.3	0.25	-104.6
	11/25/19	7.24	0.891	12.73	0.25	-153.2
	02/17/20	7.33	0.797	8.92	0.39	-93.5
	06/16/20	7.09	0.754	13.13	0.08	-140.6
	09/13/20	6.81	1.380	13.85	1.98	-96.2

(1) Well sampled quarterly

(2) Well sampled semi-annually

NM - Not Measured
mS/cm - milli Siemen/centimeter
mg/L - milligram per liter
mV - millivolt
°C - degrees Celsius
S.U. - Standard Unit
ORP - Oxidation-Reduction Potential
DO - Dissolved Oxygen

Prepared By: RLB
Checked By: RED

Table 3
Summary of Target VOC Concentrations and Contaminant Mass - Stability Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Treatment Area	Sample ID	Sample Date	1,1-DCE (96.94)		cis-1,2-DCE (96.94)		trans-1,2-DCE (96.94)		PCE (165.83)		TCE (131.39)		Vinyl Chloride (62.5)		Total Contaminant Mass
			µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	*m/L**
Source Area Behind Plant	*MW-59(29)*	*10/25/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-59(29)	2/7/19	1 U		1 U		1 U		1 U		1 U		1 UJ		*0.00*
	MW-59(29)	8/22/19	1 U		**1.0**	0.01	1 U		1 U		1 U		**1.2**	0.02	**0.03**
	MW-59(29)-R	8/22/19	1 U		**1.1**	0.01	1 U		1 U		1 U		**1.3**	0.02	**0.03**
	MW-59(29)	2/19/20	1 U		**3.7**	0.04	1 U		1 U		1 U		**5.0**	0.08	**0.12**
	MW-59(29)-R	2/19/20	1 U		**4.9**	0.05	1 U		1 U		1 U		**6.1**	0.10	**0.15**
	MW-59(29)	9/14/20	1 U		1 U		1 U		1 U		1 U		**2.5 J+**	0.04	**0.04**
	MW-59(29)-R	9/14/20	1 U		**1.2 J+**	0.01	1 U		1 U		1 U		**3.0 J+**	0.05	**0.06**
	MW-59(46)	*7/24/18*	*1 U*		**1.0**	*0.01*	*1 U*		*1 U*		*1 U*		***7.7***	*0.12*	***0.13***
	MW-59(46)	2/6/19	**12 J**	0.12	**1,200**	12.4	**7.0 J**	0.07	1 U		1 U		**1,600 J**	25.6	**38.2**
	MW-59(46)	8/22/19	**41**	0.42	**1,200**	12.4	**16**	0.17	1 U		1 U		**1,600**	25.6	**38.6**
	MW-59(46)	2/19/20	**82 J**	0.85	**2,500 J**	25.8	**13 J**	0.13	1 UJ		**1.8 J**	0.01	**1,200 J**	19.2	**46.0**
	MW-59(46)	9/14/20	**130**	1.34	**2,800**	28.9	**23**	0.24	1 U		**380**	2.89	**1,100**	17.6	**51.0**
	MW-81(27)	*10/25/18*	*1 U*		***4.7***	*0.05*	*1 U*		*1 U*		*1 U*		***10***	*0.16*	***0.21***
	MW-81(27)-R	*10/25/18*	*1 U*		***3.5***	*0.04*	*1 U*		*1 U*		*1 U*		***8.6***	*0.14*	***0.17***
	MW-81(27)	2/7/19	1 U		**38**	0.39	1 U		1 U		1 U		**46 J**	0.74	**1.13**
	MW-81(27)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-81(27)	2/19/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-81(27)	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
Source Area Beneath Plant Building	*MW-68(32)*	*10/25/18*	*5 U*		***110***	*1.1*	*5 U*		*5 U*		*5 U*		***600***	*10*	***11***
	MW-68(32)	2/7/19	1 U		**4.9**	0.05	1 U		1 U		1 U		**35**	0.56	**0.61**
	MW-68(32)	8/22/19	1 U		**12**	0.12	1 U		1 U		1 U		**44**	0.70	**0.83**
	MW-68(32)	2/19/20	1 U		**1.1**	0.01	1 U		1 U		1 U		1 U		**0.01**
	MW-68(32)	9/14/20	1 U		**1.5**	0.02	1 U		1 U		1 U		1 U		**0.02**
	MW-72(32)	*10/25/18*	*1 U*		***1.7***	*0.02*	*1 U*		*1 U*		*1 U*		*1 U*		***0.02***
	MW-72(32)	2/7/19	1 U		**1.0**	0.01	1 U		1 U		1 U		1 U		**0.01**
	MW-72(32)	8/22/19	1 U		**1.3**	0.01	1 U		1 U		1 U		**1.9**	0.03	**0.04**
	MW-72(32)	2/19/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-72(32)	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00

Table 3

Summary of Target VOC Concentrations and Contaminant Mass - Stability Monitoring Wells

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

Treatment Area	Sample ID	Sample Date	1,1-DCE (96.94)		cis-1,2-DCE (96.94)		trans-1,2-DCE (96.94)		PCE (165.83)		TCE (131.39)		Vinyl Chloride (62.5)		Total Contaminant Mass
			µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	*m/L**
Treatment Zone A	*MW-6C*	*10/24/18*	*1 U*		***34***	*0.35*	*1 U*		*1 U*		***1.1 J***	*0.01*	***13***	*0.21*	***0.57***
	MW-6C-R	*10/24/18*	*1 U*		***29***	*0.30*	*1 U*		*1 U*		*1 UJ*		***11***	*0.18*	***0.48***
	MW-6C	2/6/19	1 U		**4.9**	0.05	1 U		1 U		1 U		**2.1 J**	0.03	**0.08**
	MW-6C-R	2/6/19	1 U		**4.5**	0.05	1 U		1 U		1 U		**2.3 J**	0.04	**0.08**
	MW-6C	5/17/19	1 U		**2.8**	0.03	1 U		1 U		1 U		**1.9**	0.03	**0.06**
	MW-6C-R	5/17/19	1 U		**2.7**	0.03	1 U		1 U		1 U		**2.0**	0.03	**0.06**
	MW-6C	8/21/19	1 U		**4.0**	0.04	1 U		1 U		1 U		**2.3**	0.04	**0.08**
	MW-6C	11/26/19	1 U		**7.0**	0.07	1 U		1 U		1 U		**4.2**	0.07	**0.14**
	MW-6C	2/19/20	1 U		**6.1**	0.06	1 U		1 U		1 U		**6.0**	0.10	**0.16**
	MW-6C	6/16/20	1 U		**7.0**	0.07	1 U		1 U		1 U		**4.1 J**	0.07	**0.14**
	MW-6C	9/13/20	1 U		**1.2**	0.01	1 U		1 U		1 U		**1.4**	0.02	**0.03**
	MW-20(51)	*10/25/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-20(51)	2/7/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-20(51)	8/20/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-20(51)	2/19/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-20(51)	9/13/20	1 U		1 U		1 U		1 U		1 U		**33 J+**	0.53	**0.53**
	MW-82(58)	*10/24/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-82(58)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	MW-82(58)	8/20/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-82(58)	2/19/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-82(58)	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-1(39)	*10/24/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 UJ*		*0.00*
	OW-1(39)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	OW-1(39)	5/17/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-1(39)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-1(39)	11/26/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-1(39)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-1(39)	6/17/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-1(39)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00

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

Treatment Area	Sample ID	Sample Date	1,1-DCE (96.94)		cis-1,2-DCE (96.94)		trans-1,2-DCE (96.94)		PCE (165.83)		TCE (131.39)		Vinyl Chloride (62.5)		Total Contaminant Mass
			µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	*m/L**
Treatment Zone B	*MW-14*	*10/24/18*	*1 U*		***1.8 J***	*0.02*	*1 U*		*1 U*		*1 U*		*1 U*		***0.02***
	MW-14	2/6/19	1 U		**1.0**	0.01	1 U		1 U		1 U		1 UJ		**0.01**
	MW-14	5/17/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-14	8/20/19	1 U		**1.5**	0.02	1 U		1 U		1 U		**1.1**	0.02	**0.03**
	MW-14	11/26/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-14	2/18/20	1 U		1 U		1 U		1 U		1 U		**1.4**	0.02	**0.02**
	MW-14	6/17/20	1 U		**2.0**	0.02	1 U		1 U		1 U		**2.0**	0.03	**0.05**
	MW-14	9/14/20	1 U		1 U		1 U		1 U		1 U		**1.8**	0.03	**0.03**
	OW-2(33)	*10/23/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-2(33)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(33)	5/16/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(33)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(33)	11/26/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(33)	2/19/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(33)	6/17/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(33)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(53)	*10/23/18*	*1 UJ*		*1 UJ*		*1 UJ*		*1 UJ*		*1 UJ*		*1 UJ*		*0.00*
	OW-2(53)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(53)	5/16/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(53)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(53)	11/26/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(53)	2/19/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(53)	6/17/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-2(53)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-3(35)	*10/23/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-3(35)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	OW-3(35)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-3(35)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-3(35)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-3(55)	*10/23/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-3(55)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	OW-3(55)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-3(55)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-3(55)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00

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

Treatment Area	Sample ID	Sample Date	1,1-DCE (96.94)		cis-1,2-DCE (96.94)		trans-1,2-DCE (96.94)		PCE (165.83)		TCE (131.39)		Vinyl Chloride (62.5)		Total Contaminant Mass
			µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	*m/L**
Treatment Zone C	*MW-15*	*10/24/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-15	2/6/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	MW-15	8/20/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-15	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-15	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-4(35)	*10/24/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-4(35)	2/5/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-4(35)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-4(35)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-4(35)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-4(54)	*10/24/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-4(54)	2/5/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-4(54)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-4(54)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-4(54)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
Treatment Zone D	*MW-17*	*10/23/18*	*1 U*		***27***	*0.28*	*1 U*		*1 U*		***58***	*0.44*	*1 U*		***0.72***
	MW-17	2/5/19	1 U		**21**	0.22	1 U		1 U		**42**	0.32	1 UJ		**0.54**
	MW-17	5/16/19	1 U		**23**	0.24	1 U		1 U		**42**	0.32	**1.2**	0.02	**0.58**
	MW-17	8/20/19	1 U		**20**	0.21	1 U		1 U		**39**	0.30	**1.6**	0.03	**0.53**
	MW-17	11/25/19	1 U		**19**	0.20	1 U		1 U		**30**	0.23	**2.2**	0.04	**0.46**
	MW-17	2/17/20	1 U		**15**	0.15	1 U		1 U		**27**	0.21	**3.4**	0.05	**0.41**
	MW-17	6/16/20	1 U		**22**	0.23	1 U		1 U		**17**	0.13	**3.6**	0.06	**0.41**
	MW-17-R	6/16/20	1 U		**22**	0.23	1 U		1 U		**17**	0.13	**3.8**	0.06	**0.42**
	MW-17	9/14/20	1 U		**19 J+**	0.20	1 U		1 U		**24 J+**	0.18	**3.1 J+**	0.05	**0.43**
	MW-25(16.4)	*10/23/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-25(16.4)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-25(16.4)	8/20/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-25(16.4)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-25(16.4)	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-25(32.6)	*10/23/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-25(32.6)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-25(32.6)	8/20/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-25(32.6)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-25(32.6)	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00

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Treatment Area	Sample ID	Sample Date	1,1-DCE (96.94)		cis-1,2-DCE (96.94)		trans-1,2-DCE (96.94)		PCE (165.83)		TCE (131.39)		Vinyl Chloride (62.5)		Total Contaminant Mass
			µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	*m/L**
Treatment Zone D	*MW-25(82)*	*7/23/18*	*1 U*		***1.2***	*0.01*	*1 U*		*1 U*		*1 U*		***2.5***	*0.04*	***0.05***
	MW-25(82)	2/6/19	1 U		**1.4**	0.01	1 U		1 U		1 U		**2.8 J**	0.04	**0.06**
	MW-25(82)	8/20/19	1 U		**1.5**	0.02	1 U		1 U		1 U		**3.6**	0.06	**0.07**
	MW-25(82)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-25(82)-R	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-25(82)	9/14/20	1 U		**1.1**	0.01	1 U		1 U		1 U		**2.7**	0.04	0.05
	MW-26(17.5)	*10/22/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-26(17.5)	2/5/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(17.5)	5/16/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(17.5)	8/19/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(17.5)	11/25/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(17.5)-R	11/25/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(17.5)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(17.5)	6/16/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(17.5)	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(28.8)	*10/22/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-26(28.8)	2/5/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(28.8)	5/16/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(28.8)	8/19/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(28.8)	11/25/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(28.8)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(28.8)	6/16/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(28.8)	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(58.2)	*10/22/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-26(58.2)	2/5/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(58.2)	5/16/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(58.2)	8/19/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(58.2)	11/25/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(58.2)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(58.2)	6/16/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-26(58.2)	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00

Table 3
Summary of Target VOC Concentrations and Contaminant Mass - Stability Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Treatment Area	Sample ID	Sample Date	1,1-DCE (96.94)		cis-1,2-DCE (96.94)		trans-1,2-DCE (96.94)		PCE (165.83)		TCE (131.39)		Vinyl Chloride (62.5)		Total Contaminant Mass
			µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	*m/L**
Treatment Zone D	*MW-27(18)*	*7/20/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-27(18)-R	*7/20/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	MW-27(18)	2/5/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	MW-27(18)	5/16/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-27(18)	8/19/19	1 U		1 U		1 U		1 U		**1.1**	0.01	1 U		**0.01**
	MW-27(18)-R	8/19/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-27(18)	11/25/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-27(18)	2/17/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-27(18)	6/16/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	MW-27(18)	9/14/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-5(16)	*10/24/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-5(16)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	OW-5(16)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-5(16)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-5(16)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-5(35)	*10/23/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-5(35)	2/5/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	OW-5(35)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-5(35)	2/18/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-5(35)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-5(44)	*10/23/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-5(44)	2/6/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	OW-5(44)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-5(44)	2/18/20	1 UJ		1 UJ		1 UJ		1 UJ		1 UJ		1 UJ		0.00
	OW-5(44)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(38)	*7/19/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-6(38)	2/5/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	OW-6(38)-R	2/5/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	OW-6(38)	5/16/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(38)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(38)	11/25/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(38)	2/17/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(38)	6/16/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(38)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00

Table 3
Summary of Target VOC Concentrations and Contaminant Mass - Stability Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Treatment Area	Sample ID	Sample Date	1,1-DCE (96.94)		cis-1,2-DCE (96.94)		trans-1,2-DCE (96.94)		PCE (165.83)		TCE (131.39)		Vinyl Chloride (62.5)		Total Contaminant Mass
			µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	µg/L	*m/L**	*m/L**
Treatment Zone D	*OW-6(63)*	*7/19/18*	*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*1 U*		*0.00*
	OW-6(63)	2/5/19	1 U		1 U		1 U		1 U		1 U		1 UJ		0.00
	OW-6(63)	5/16/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(63)	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(63)-R	8/21/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(63)	11/25/19	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(63)	2/17/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(63)	6/16/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(63)	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00
	OW-6(63)-R	9/13/20	1 U		1 U		1 U		1 U		1 U		1 U		0.00

Notes:
J - Estimated concentration, analyte detected below quantitation limit
J+ - Estimated biased high concentration
U - Analyzed but not detected above the MDL
(96.94) - Compound molecular weight in grams per mole
*m/L** - micromole per liter
mg/L - micrograms per liter
Italic text is baseline data

Prepared by: RLB
Checked by: RED

Table 4
Summary of Dissolved Gases - Semi-Annual Stability Monitoring Wells
TORX Facility, 4366 North Old US Highway 31, Rochester, Indiana

Treatment Area	Sample ID	Sample Date	Methane	Ethane	Ethene
			µg/L	µg/L	µg/L
Source Area Behind Plant	*MW-59(29)*	*10/25/18*	*24,000*	*390*	*0.16*
	MW-59(29)	2/7/19	27,000	380	0.31
	MW-59(29)	8/22/19	21,000	270	0.14
	MW-59(29)-R	8/22/19	20,000	250	0.14
	MW-59(29)	2/19/20	24,000	340	1.5
	MW-59(29)-R	2/19/20	28,000	400	1.8
	MW-59(29)	9/14/20	35,000	710	0.12 U
	MW-59(29)-R	9/14/20	33,000	660	0.12 U
	MW-81(27)	*10/25/18*	*26,000*	*300*	*82*
	MW-81(27)-R	*10/25/18*	*25,000*	*290*	*81*
	MW-81(27)	2/7/19	25,000	350	1.0
	MW-81(27)	8/21/19	21,000	160	0.2
	MW-81(27)	2/19/20	26,000	330	0.055 J
	MW-81(27)	9/14/20	28,000	700	11
Source Area Beneath Plant Building	*MW-68(32)*	*10/25/18*	*15,000*	*87*	*1,500*
	MW-68(32)	2/7/19	13,000	170	200
	MW-68(32)	8/22/19	11,000	120	8.0
	MW-68(32)	2/19/20	11,000	110	0.15
	MW-68(32)	9/14/20	13,000	82	1.0 J
	MW-72(32)	*10/25/18*	*7,400*	*49*	*0.52*
	MW-72(32)	2/7/19	10,000	40	0.27
	MW-72(32)	8/22/19	9,600	14	0.33
	MW-72(32)	2/19/20	11,000	22	0.30
	MW-72(32)	9/14/20	18,000	58	0.12 U
Treatment Zone A	*MW-6C*	*10/24/18*	*18,000*	*31*	*2.4*
	MW-6C-R	*10/24/18*	17,000	*32*	*2.5*
	MW-6C	2/6/19	26,000	33	0.95
	MW-6C-R	2/6/19	25,000	33	0.80
	MW-6C	8/21/19	16,000	22	0.42
	MW-6C	2/19/20	21,000	140	3.0
	MW-6C	9/13/20	21,000	260	2.1

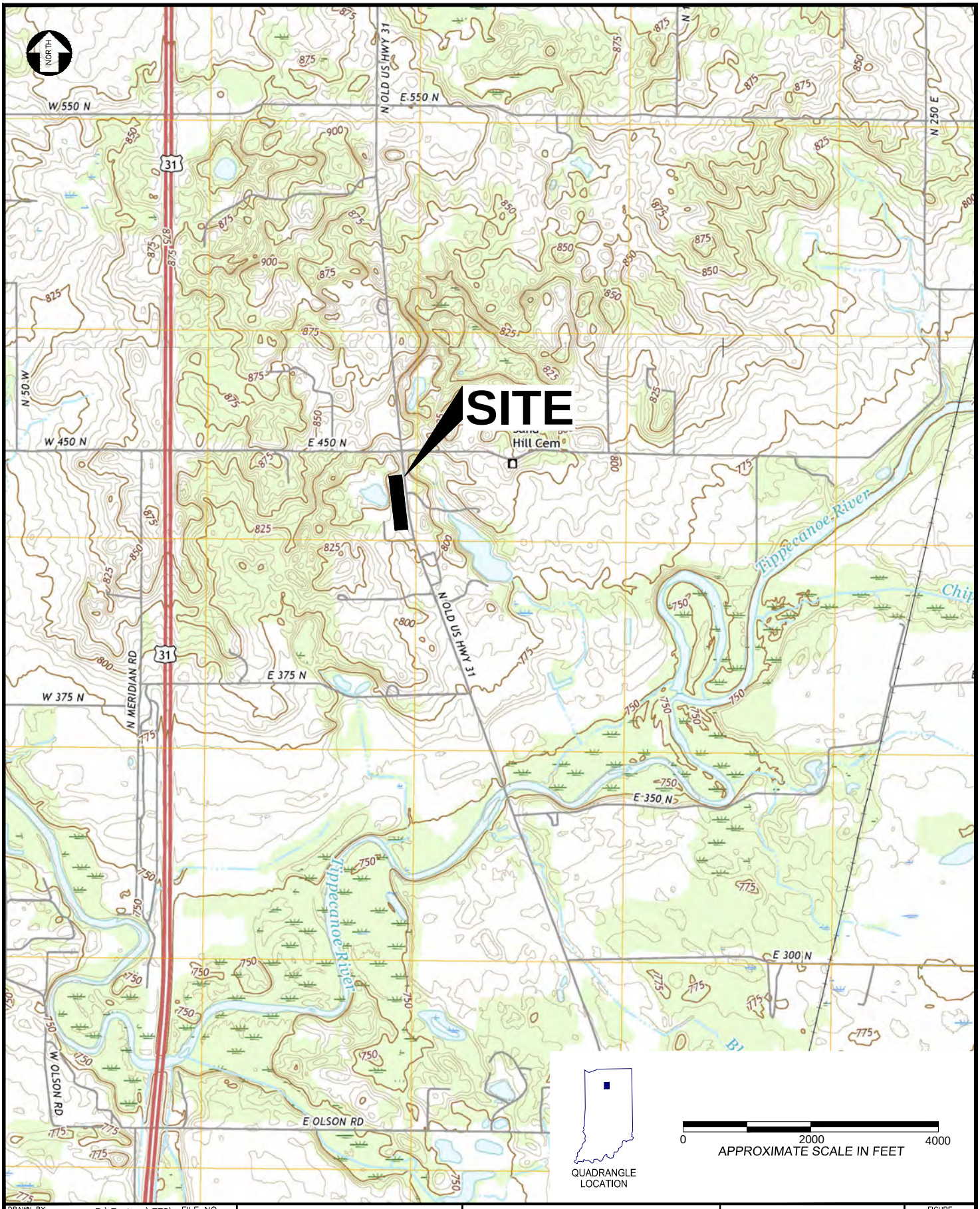
Notes: *Italic text* is baseline data J - estimated value

µg/L - micrograms per liter

Prepared by: RLB

Checked by: RLH

FIGURES



DRAWN BY: RLB	FILE NO.: P:\Textron\TFS\Drawings\TFS Topo.dwg	TORX FACILITY 4366 NORTH OLD US HIGHWAY 31 ROCHESTER, INDIANA	SITE LOCATION MAP
APPROVED BY: RED/PJS	DATE: 10/01/2020	wood.	FIGURE 1
SOURCE: USGS 7.5 minute topographic survey maps of Argos and Rochester, IN, 2016.			
PROJECT NO.: 3359 15 1040	SCALE: SEE ABOVE		SHEET 1 of 1

TREATMENT ZONES, ARRAYS AND WELL LOCATIONS

FIGURE 2

SHEET 1 of 1

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

IN-SITU CHEMICAL REDUCTION ZONE

SOURCE AREA TREATMENT ZONE

DOWNGRADIENT TREATMENT ZONE

TREATMENT ZONE A

TREATMENT ZONE B

TREATMENT ZONE C

TREATMENT ZONE D

WESTERN POND

EASTERN POND

N OLD US HIGHWAY 31

4403

4377

STORAGE BUILDING

STORAGE BUILDING

STORAGE BUILDING

Row 1 Row 2 Row 3 Row 4 Array A Array B Array C Array D Array E Array F Array G Array H Array I Array J Array K Array L Array M Array N Array O Array P Array Q Array R Array S Array T Array U Array V Array W Array X Array Y Array Z

MW-8 MW-43 B-64 MW-19 MW-55 MW-56 MW-89(28) MW-81(27) B-87 INJ-2 PM-2 PM-3 MW-59(29) MW-58(46) MW-52 MW-80 MW-60 MW-61 MW-3 B-73 MW-65 MW-76 B-66 MW-67 B-69 MW-68 MW-78 B-70 MW-77 MW-72 MW-71 MW-79 MW-20 MW-6C MW-6B MW-41 MW-62 MW-12 MW-82 MW-13 OW-1 OW-2 B-63 MW-24 MW-14 OW-3 MW-15 MW-25 OW-4 MW-11 MW-83 B-74 MW-75 MW-9A MW-9B MW-9C MW-45 MW-21 MW-84(65) MW-84(44) OW-5 MW-27 MW-16 B-86 B-87 ZVI-1 B-88 ZVI-2 MW-26 MW-17 OW-6

LEGEND

PM-1	Performance Monitoring Well Location
OW-5	Observation Monitoring Well Location
INJ-1	Biostimulation Injection Well Location
B-87	Soil Boring Location
MW-28	Overburden Monitoring Well Location
MW-40	Bedrock Monitoring Well Location
	Treatment Zone A Injection Wells
	Treatment Zone B Injection Wells
	Treatment Zone C Injection Wells
	Treatment Zone D Injection Wells
	ABC + Injection Points
	Array A & B Shallow/Deep Injection Wells
	Building Treatment Zone Injection Wells
Array N	Injection Array
	2016 Polishing Injection Point Locations
	2017 Polishing Injection Point Locations (shaded areas represent angled injection areas)

Note:
Grayed well locations were abandoned in 2014.
(MW-80, MW-81(45), INJ-1, INJ-3, and PM-1)

0 80 160
APPROXIMATE SCALE IN FEET

DRAWN BY RLB
APPROVED BY RED/PJS
PROJECT NO. 3359 15 1040
FILE NO. P:\Textron\TFS\Drawings\PM 2017 Site Plan.dwg
DATE 10/01/2020
SOURCE Wells surveyed by Territorial Engineering, Fulton County, IN GIS, 2005.
SCALE SEE ABOVE

FIGURE 3

SHEET 1 of 1

GROUNDWATER STABILITY ASSESSMENT MONITORING WELL LOCATIONS

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

NORTH

4403

4377

WESTERN POND

EASTERN POND

STORAGE BUILDING

STORAGE BUILDING

STORAGE BUILDING

N OLD US HIGHWAY 31

IN-SITU CHEMICAL REDUCTION ZONE

DOWNGRADIENT TREATMENT ZONE

SOURCE AREA TREATMENT ZONE

TREATMENT ZONE A

TREATMENT ZONE B

TREATMENT ZONE C

TREATMENT ZONE D

MW-8
MW-43
MW-19
MW-55
MW-56
MW-65
MW-89(28)
MW-81(27)
INJ-2
PM-2
PM-3
MW-59(46)
MW-59(29)
MW-52
MW-60
MW-76
MW-67
MW-68(32)
MW-78
MW-77
MW-71
MW-72(32)
MW-61
MW-3
MW-79
MW-62
MW-20(51)
MW-6C
MW-6B
MW-41
MW-12
MW-82(58)
MW-13
OW-1(39)
OW-2(33)
OW-2(53)
MW-24
MW-14
OW-3(35)
OW-3(55)
MW-11
MW-83
MW-15
OW-4(35)
OW-4(54)
MW-25(16.4)
MW-25(32.6)
MW-25(82)
MW-75
MW-9A
MW-9B
MW-9C
MW-84(65)
MW-84(44)
OW-5(16)
OW-5(35)
OW-5(44)
MW-27(18)
MW-16
MW-26(17.5)
MW-26(28.8)
MW-26(58.2)
ZVI-1
ZVI-2
MW-17
MW-45
MW-21
OW-6(38)
OW-6(63)

LEGEND

		Stability Monitoring Location (Sampled Quarterly)
		Treatment Area Evaluation Location (Sampled Semi-Annually)
PM-1	◈	Performance Monitoring Well Location
OW-5	⊕	Observation Monitoring Well Location
INJ-1	⊠	Biostimulation Injection Well Location
MW-28	◈	Overburden Monitoring Well Location
MW-40	■	Bedrock Monitoring Well Location

0 80 160

APPROXIMATE SCALE IN FEET

DRAWN BY: RLB
P:\Textron\TFS\ Drawings\Stability MWs.dwg
FILE NO.
APPROVED BY: RED/PJS
DATE: 10/01/2020
SOURCE: Wells surveyed by Territorial Engineering, Fulton County, IN GIS, 2005.
SCALE: SEE ABOVE
PROJECT NO. 3359 15 1040

GROUNDWATER CONTOUR MAP
SHALLOW OVERBURDEN WELLS
SOURCE TREATMENT AREA
8 SEPTEMBER 2020

FIGURE 4

SHEET 1 of 1

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

NORTH

785.0
784.5
784.0
783.5
783.0
782.5
782.0
781.5
781.0
780.5
780.0
785.5

SOURCE AREA TREATMENT ZONE

TREATMENT ZONE A

TREATMENT ZONE B

TREATMENT ZONE C

TREATMENT ZONE D

INFERRED PLUME CENTERLINE

WESTERN POND

EASTERN POND

N OLD US HIGHWAY 31

STORAGE BUILDING

784.31 MW-85(39)

784.61 MW-65(32)

784.81 MW-89(28)

784.77 MW-76(30)

784.74 MW-67(30)

784.84 MW-68(32)

MW-77(41) 784.61

MW-78(35) 784.61

MW-81(27) 785.07

PM-2 785.15

PM-3 784.97

MW-60(38) 785.01

MW-59(29) 784.85

784.81 MW-3

784.73 MW-71(33)

784.75 MW-72(32)

MW-79(30) 784.25

784.56 MW-20(35)

MW-6C 784.58

784.64 MW-12

784.58 OW-1(28)

MW-13 784.64

784.56 MW-62(36)

OW-2(33) 784.46

784.34 MW-24(24.9)

784.40 MW-14

OW-3(35) 784.27

OW-4(35) 783.76

MW-25(16.4) 783.82

MW-75(32) 784.55

784.64 MW-9C

MW-84(44) 784.25

OW-5(16) 781.96

781.40 MW-27(18)

MW-26(17.5) 781.60

MW-16 781.80

781.61 ZVI-2(17.5)

781.40 MW-17

780.49 OW-6(38)

MW-21(40.2) 785.42

LEGEND

MW-24(24.9) 784.34 — GROUNDWATER ELEVATION (FEET) MONITORING WELL ID AND SCREEN DEPTH

784.5 — GROUNDWATER ELEVATION CONTOUR (FEET)

INFERRED GROUNDWATER ELEVATION CONTOUR

NOTES:

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

0 80 160

APPROXIMATE SCALE IN FEET

DRAWN BY: RLB
APPROVED BY: RED/PJS
PROJECT No.: 3359 15 1040
FILE NO.: P:\Textron\TFS\Drawings\GW Contours 2018 RA.dwg
DATE: 02/17/2021
SCALE: SEE ABOVE

Source Wells surveyed by Territorial Engineering; Fulton County, IN GIS, 2005.

MW-19(53)
784.63

MW-55(49)
785.73

785.0

785.5

785.52
MW-56(50)

SOURCE AREA
TREATMENT ZONE

WESTERN
POND

TREATMENT ZONE A

784.58
MW-20(51)

OW-1(39)
784.57

784.38
MW-52(55)

784.62
MW-82(58)

784.5

OW-2(53)
784.45

STORAGE BUILDING

784.39
MW-24(55.4)

STORAGE BUILDING

STORAGE BUILDING

OW-3(55)
784.27

TREATMENT ZONE C

MW-83(64)
784.56

MW-15
783.67

OW-4(54)
783.82

783.51
MW-25(45.2)

TREATMENT ZONE B

N OLD US HIGHWAY 31

784.0

783.5

INFERRED
PLUME CENTERLINE

MW-84(65)
784.05

783.0

MW-27(53.05)
782.36

OW-5(35)
782.89

EASTERN
POND

782.5

782.0

781.5

784.76
MW-9B

TREATMENT ZONE D

ZVI-2(32.5)
781.75

781.0

MW-26(58.2)
782.34

OW-6(63)
781.11

780.5

780.0

LEGEND

MW-20(51) 784.58 — GROUNDWATER ELEVATION (FEET) MONITORING WELL ID AND SCREEN DEPTH

784.5 — GROUNDWATER ELEVATION CONTOUR (FEET)

INFERRED GROUNDWATER ELEVATION CONTOUR

NOTES:

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

0 80 160

APPROXIMATE SCALE IN FEET

NORTH

FIGURE 5

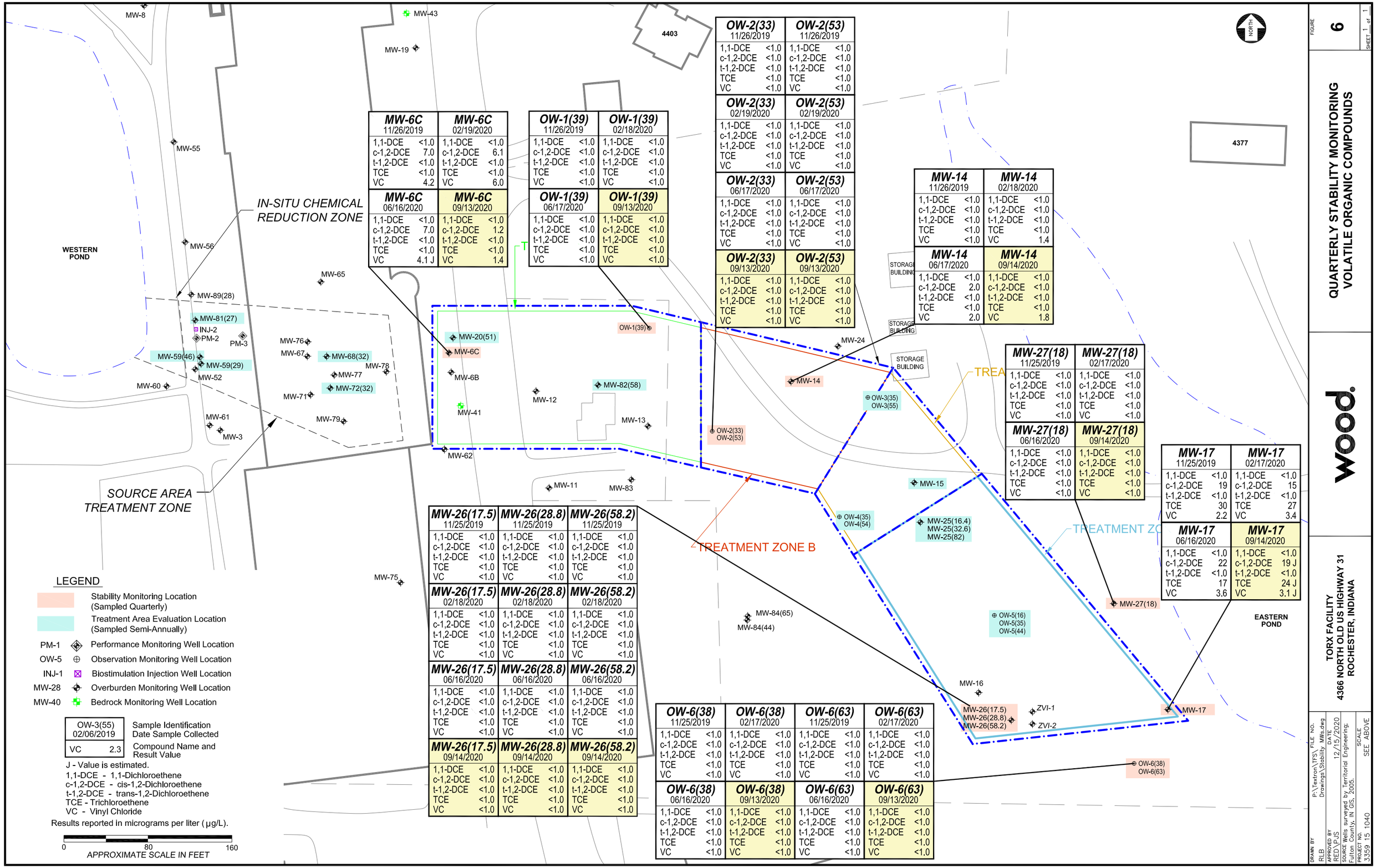
SHEET 1 of 1

GROUNDWATER CONTOUR MAP
INTERMEDIATE OVERBURDEN WELLS
SOURCE TREATMENT AREA
8 SEPTEMBER 2020

wood.

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

DRAWN BY	RLB	FILE NO.	P:\Textron\TFS\Drawings\GW Contours 2018 RA.dwg
APPROVED BY	RED/ FJS	DATE	02/17/2021
SOURCE	Wells surveyed by Territorial Engineering; Fulton County, IN GIS, 2005.		
PROJECT NO.	3359 15 1040	SCALE	SEE ABOVE



MW-6C 11/26/2019	
1,1-DCE	<1.0
c-1,2-DCE	7.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	4.2

MW-6C 02/19/2020	
1,1-DCE	<1.0
c-1,2-DCE	6.1
t-1,2-DCE	<1.0
TCE	<1.0
VC	6.0

MW-6C 06/16/2020	
1,1-DCE	<1.0
c-1,2-DCE	7.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	4.1 J

MW-6C 09/13/2020	
1,1-DCE	<1.0
c-1,2-DCE	1.2
t-1,2-DCE	<1.0
TCE	<1.0
VC	1.4

OW-1(39) 11/26/2019	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-1(39) 02/18/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-1(39) 06/17/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-1(39) 09/13/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-2(33) 11/26/2019	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-2(53) 11/26/2019	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-2(33) 02/19/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-2(53) 02/19/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-2(33) 06/17/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-2(53) 06/17/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-2(33) 09/13/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-2(53) 09/13/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-14 11/26/2019	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-14 02/18/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	1.4

MW-14 06/17/2020	
1,1-DCE	<1.0
c-1,2-DCE	2.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	2.0

MW-14 09/14/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	1.8

MW-27(18) 11/25/2019	
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(18) 02/17/2020	
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(18) 06/16/2020	
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(18) 09/14/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-17 11/25/2019	
1,1-DCE	<1.0
c-1,2-DCE	19
t-1,2-DCE	<1.0
TCE	30
VC	2.2

MW-17 02/17/2020	
1,1-DCE	<1.0
c-1,2-DCE	15
t-1,2-DCE	<1.0
TCE	27
VC	3.4

MW-17 06/16/2020	
1,1-DCE	<1.0
c-1,2-DCE	22
t-1,2-DCE	<1.0
TCE	17
VC	3.6

MW-17 09/14/2020	
1,1-DCE	<1.0
c-1,2-DCE	19 J
t-1,2-DCE	<1.0
TCE	24 J
VC	3.1 J

MW-26(17.5) 11/25/2019	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(28.8) 11/25/2019	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(58.2) 11/25/2019	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(17.5) 02/18/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(28.8) 02/18/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(58.2) 02/18/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(17.5) 06/16/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(28.8) 06/16/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(58.2) 06/16/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(17.5) 09/14/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(28.8) 09/14/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-26(58.2) 09/14/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-6(38) 11/25/2019	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-6(38) 02/17/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-6(63) 11/25/2019	
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) 02/17/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-6(38) 06/16/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-6(38) 09/13/2020	
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) 06/16/2020	
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) 09/13/2020	
1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

LEGEND

- Stability Monitoring Location (Sampled Quarterly)
- Treatment Area Evaluation Location (Sampled Semi-Annually)
- PM-1 Performance Monitoring Well Location
- OW-5 Observation Monitoring Well Location
- INJ-1 Biostimulation Injection Well Location
- MW-28 Overburden Monitoring Well Location
- MW-40 Bedrock Monitoring Well Location

OW-3(55) 02/06/2019	
VC	2.3

Sample Identification
Date Sample Collected
Compound Name and Result Value

J - Value is estimated.
1,1-DCE - 1,1-Dichloroethene
c-1,2-DCE - cis-1,2-Dichloroethene
t-1,2-DCE - trans-1,2-Dichloroethene
TCE - Trichloroethene
VC - Vinyl Chloride

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

0 80 160
APPROXIMATE SCALE IN FEET

NORTH

FIGURE 6
SHEET 1 of 1

QUARTERLY STABILITY MONITORING VOLATILE ORGANIC COMPOUNDS

wood.

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

DRAWN BY RLB
APPROVED BY RED\PJS
PROJECT NO. 3359 15 1040
FILE NO. P:\Textron\TFS\Drawings\Stability MWs.dwg
DATE 12/15/2020
SCALE SEE ABOVE
SOURCE Wells surveyed by Territorial Engineering; Fulton County, IN GIS, 2005.

SEMI-ANNUAL TREATMENT AREA STABILITY MONITORING VOLATILE ORGANIC COMPOUNDS

FIGURE 7

SHEET 1 of 1

MW-81(27) 02/19/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-81(27) 09/14/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-68(32) 02/19/2020

1,1-DCE	<1.0
c-1,2-DCE	1.1
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-68(32) 09/14/2020

1,1-DCE	<1.0
c-1,2-DCE	1.5
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-20(51) 02/19/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-20(51) 09/13/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	33 J

MW-82(58) 02/19/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-82(58) 09/14/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-3(35) 02/18/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-3(55) 02/18/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-3(35) 09/13/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-3(55) 09/13/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-15 02/18/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-15 09/14/2020

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) 02/19/2020

1,1-DCE	82 J
c-1,2-DCE	2,500 J
t-1,2-DCE	13 J
TCE	1.8 J
VC	1,200 J

MW-59(46) 09/14/2020

1,1-DCE	130
c-1,2-DCE	2,800
t-1,2-DCE	23
TCE	380
VC	1,100

MW-59(29) 02/19/2020

1,1-DCE	<1.0
c-1,2-DCE	3.7
t-1,2-DCE	<1.0
TCE	<1.0
VC	5.0

MW-59(29) 09/14/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	2.5 J

MW-72(32) 02/19/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

MW-72(32) 09/14/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-4(35) 02/18/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-4(54) 02/18/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-4(35) 9/13/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-4(54) 09/13/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-5(16) 02/18/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-5(35) 02/18/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-5(44) 02/18/2020

1,1-DCE	<1.0 J
c-1,2-DCE	<1.0 J
t-1,2-DCE	<1.0 J
TCE	<1.0 J
VC	<1.0 J

OW-5(16) 09/13/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-5(35) 09/13/2020

1,1-DCE	<1.0
c-1,2-DCE	<1.0
t-1,2-DCE	<1.0
TCE	<1.0
VC	<1.0

OW-5(44) 09/13/2020

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(16.4) 02/18/2020

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(32.6) 02/18/2020

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) 02/18/2020

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(16.4) 09/14/2020

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(32.6) 09/14/2020

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) 09/14/2020

1,1-DCE	<1.0
c-1,2-DCE	1.1
t-1,2-DCE	<1.0
TCE	<1.0
VC	2.7

TREATMENT ZONE

TREATMENT ZONE B

TREATMENT ZONE C

DOWNGRADIENT TREATMENT ZONE

SOURCE AREA TREATMENT ZONE

EASTERN POND

N OLD US HIGHWAY 31

4403

4377

STORAGE BUILDING

STORAGE BUILDING

STORAGE BUILDING

MW-8 MW-43 MW-19 MW-55 MW-56 MW-89(28) MW-81(27) INJ-2 PM-2 PM-3 MW-59(46) MW-59(29) MW-52 MW-60 MW-61 MW-3 MW-76 MW-67 MW-68(32) MW-78 MW-77 MW-71 MW-72(32) MW-79 MW-65 MW-20(51) MW-6C MW-6B MW-41 MW-62 OW-1(39) MW-82(58) MW-12 MW-13 OW-2(33) OW-2(53) MW-14 MW-24 OW-3(35) OW-3(55) MW-15 MW-11 MW-83 OW-4(35) OW-4(54) MW-25(16.4) MW-25(32.6) MW-25(82) MW-75 MW-9A MW-9B MW-9C MW-84(65) MW-84(44) OW-5(16) OW-5(35) OW-5(44) MW-27(18) MW-16 MW-26(17.5) MW-26(28.8) MW-26(58.2) ZVI-1 ZVI-2 MW-17 OW-6(38) OW-6(63) MW-45 MW-21

LEGEND

- Stability Monitoring Location (Sampled Quarterly)
- Treatment Area Evaluation Location (Sampled Semi-Annually)
- PM-1 Performance Monitoring Well Location
- OW-5 Observation Monitoring Well Location
- INJ-1 Biostimulation Injection Well Location
- MW-28 Overburden Monitoring Well Location
- MW-40 Bedrock Monitoring Well Location

OW-3(55) 02/06/2019 — Sample Identification, Date Sample Collected

VC 2.3 — Compound Name and Result Value

J - Value is estimated.
1,1-DCE - 1,1-Dichloroethene
c-1,2-DCE - cis-1,2-Dichloroethene
t-1,2-DCE - trans-1,2-Dichloroethene
TCE - Trichloroethene
VC - Vinyl Chloride

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

0 80 160
APPROXIMATE SCALE IN FEET

TORX FACILITY
4366 NORTH OLD US HIGHWAY 31
ROCHESTER, INDIANA

Wood.

DRAWN BY: RLB
APPROVED BY: P.JS
PROJECT NO.: 3359 15 1040
FILE NO.: P:\Textron\TFS\Drawings\Stability MWs.dwg
DATE: 12/15/2020
SCALE: SEE ABOVE

SOURCE Wells surveyed by Territorial Engineering, Fulton County, IN GIS, 2005.

APPENDIX A

GROUNDWATER SAMPLE COLLECTION FIELD FORMS

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW6C
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: R. Dombrowski | Date: 09/13/20 | Start Time: 1525 | Weather: Sunny 62°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 25.81 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 39.29 | Well Diameter: 2" | Approx. Pump Depth: 36' Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1530 | Pump Stopped: 1609 | Total ~~Gallons~~ Liters: ____

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)	L
1535	7.01	1.092	16.310	2.70	300	25.81	0.0	0.79	-116.4	1.5
1540	6.98	1.109	16.024	3.87	300	25.81	0.0	1.81	-109.9	3.0
1545	6.97	1.114	15.936	6.35	300	25.81	0.0	2.10	-105.8	4.5
1550	6.95	1.121	16.022	5.80	300	25.81	0.0	2.39	-102.1	6.0
1555	6.93	1.127	16.002	1.24	300	25.81	0.0	2.71	-98.2	7.5
1600	6.93	1.130	15.944	1.02	300	25.81	0.0	2.75	-95.2	9.0
1605	6.92	1.132	15.903	0.62	300	25.81	0.0	2.81	-94.2	10.5
Stabilization Criteria:	±3%	±3%	±10					±10%	±10	

Final:

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

Comments: ____

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

Sample Name: ATR-MW6C-G091320 | Time: 1607

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 14 (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: R. Dornbusch | Date: 09/14/20 | Start Time: 0745 | Weather: P. Cloudy 53°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 18.40 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 45.74 | Well Diameter: 2" | Approx. Pump Depth: 41 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 0755 | Pump Stopped: 0828 | Total ~~Gallons~~ Liters: 6

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)	
0800	6.98	1.399	14.008	1.20	200	18.40	0.0	0.56	-149.6	1
0805	7.00	1.355	13.919	4.49	200	18.40	0.0	0.77	-148.7	2
0810	7.01	1.366	13.865	5.35	200	18.40	0.0	0.90	-143.5	3
0815	7.01	1.327	13.833	4.66	200	18.40	0.0	1.00	-138.4	4
0820	7.01	1.322	13.833	4.90	200	18.40	0.0	1.08	-134.5	5
0825	7.00	1.315	13.852	5.61	200	18.40	0.0	1.12	-131.6	6
Stabilization Criteria:	±3%	±3%	±10					±10%	±10	

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0825	7.00	1.315	13.852	5.61	200	18.40	0.0	1.12	-131.6

Comments: ____

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

Sample Name: ATR-MW 14-G091420 | Time: 0826

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3 VOA	HCL	Dissolved Gasses ☐		
TOC + NO_3 ☐			VFA ☐		
Fe/Mn ☐			DHC ☐		
			Alkalinity + Anions (Cl-, SO_4) ☐		
Other: ____ ☐			Other: ____ ☐		

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW15 (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: R. Dornbusch | Date: 09/14/20 | Start Time: 0847 | Weather: P. Cloudy 53F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.38 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: ____ | Well Diameter: ____ | Approx. Pump Depth: 51 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 0853 | Pump Stopped: 0933 | Total ~~Gallons~~ Liters: 10.5

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)	L
0858	6.56	1.757	14.564	14.61	300	9.38	0.0	0.70	-102.1	1.5
0903	6.57	1.734	14.455	7.88	300	9.38	0.0	1.78	-97.5	3.0
0908	6.56	1.748	14.410	6.88	300	9.38	0.0	2.16	-92.7	4.5
0913	6.55	1.765	14.355	6.97	300	9.38	0.0	2.63	-87.4	6.0
0918	6.54	1.769	14.335	7.16	300	9.38	0.0	3.08	-84.2	7.5
0923	6.54	1.768	14.297	8.50	300	9.38	0.0	3.37	-81.4	9.0
0928	6.54	1.767	14.291	9.01	300	9.38	0.0	3.38	-80.5	10.5
Stabilization Criteria:	±3%	±3%	±10					±10%	±10	

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0928	6.54	1.767	14.291	9.01	300	9.38	0.0	3.38	-80.5

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-MW15-GW091420 | Time: 0930

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☑ Sample ID ATR-MW-17
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel GWO Date 9/14/20 Start Time 0745 Weather Foggy 53°F

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 3.11 Depth to Product ____ Product Thickness ____
Total Casing Depth 40.3 Borehole Diameter 2" Approx. Pump Depth 38 Feet
Screen Interval top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started 0754 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)
0757	6.98	1.243	14.46	0.00	300	3.11	0	1.41	-2.1
0802	6.87	1.283	14.40	0.00	300	3.11	0	0.24	-42.9
0807	6.86	1.261	14.16	0.00	300	3.11	0	0.19	-64.6
0812	6.88	1.269	14.03	0.00	300	3.11	0	0.17	-80.7
0817	6.92	1.275	13.94	0.00	300	3.11	0	0.16	-91.4
0822	6.93	1.315	13.91	0.00	300	3.11	0	0.15	-95.8
0827	6.95	1.290	13.81	0.00	300	3.11	0	0.15	-99.7
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0827	6.95	1.290	13.81	0.00	300	3.11	0	0.15	-99.7

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-MW17-GW091420 Time 0830

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW20(51) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: R. Dornbusch | Date: 09/13/20 | Start Time: 1618 | Weather: Sunny 62°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 24.80 | Depth to Product: – | Product Thickness: –
Total Casing Depth: 50.35 | Well Diameter: 2" | Approx. Pump Depth: 48' Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1625 | Pump Stopped: 1654 | 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)	
1630	7.26	0.859	16.249	9.84	200	24.80	0.0	0.43	-160.8	1
1635	7.28	0.895	16.250	10.60	200	24.80	0.0	0.34	-177.3	2
1640	7.28	0.921	16.158	5.26	200	24.80	0.0	0.30	-180.2	3
1645	7.22	0.943	16.122	6.12	200	24.80	0.0	0.29	-178.4	4
1650	7.13	0.948	16.208	4.22	200	24.80	0.0	0.28	-174.1	5
Stabilization Criteria:	±3%	±3%	±10					±10%	±10	

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1650	7.13	0.948	16.208	4.22	200	24.80	0.0	0.28	-174.1

Comments: ____

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

Sample Name: ATR-MW20(51)-GW091320 | Time: 1652

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

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

MS/MSD: ATR-MW20(51)-GW091320 | Blind Dup: ____ | Blind Dup Name: ____ | TB: ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☒ Sample ID ATR-MW 25(16.4)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel R. Dornbusch Date 09/14/20 Start Time 1120 Weather P. Cloudy 63°F

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 8.10 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 1125 Pump Stopped 1200 Total Gallons (Liters) 9.0

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)	L
1130	6.84	1.226	15.953	5.06	300	8.10	0.0	0.41	-130.4	1.5
1135	6.84	1.222	15.991	5.76	300	8.10	0.0	0.53	-131.2	3.0
1140	6.84	1.229	16.064	5.06	300	8.10	0.0	0.68	-128.9	4.5
1145	6.84	1.231	15.881	4.85	300	8.10	0.0	0.80	-126.5	6.0
1150	6.84	1.232	15.848	3.97	300	8.10	0.0	0.85	-125.6	7.5
1155	6.84	1.234	15.930	3.43	300	8.10	0.0	0.89	-124.5	9.0
Stabilization Criteria:	±3%	±3%	±10					±10%	±10	

Final:

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

Comments: ____

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

Sample Name ATR-MW 25(16.4)-090420 Time 1157

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	3 VOA	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 25(326) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: R. Dornbusch | Date: 09/14/20 | Start Time: 1035 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 8.10 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 31.96 | Well Diameter: 2" | Approx. Pump Depth: 29 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1040 | Pump Stopped: 1114 | Total ~~Gallons~~ Liters: 6

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)	
1045	6.76	0.953	15.126	6.88	200	8.10	0.0	0.75	-121.8	1
1050	6.76	0.954	15.101	4.21	200	8.10	0.0	0.94	-119.1	2
1055	6.77	0.957	15.054	1.36	200	8.10	0.0	1.09	-117.9	3
1100	6.78	0.956	15.041	1.59	200	8.10	0.0	1.18	-116.4	4
1105	6.78	0.958	15.021	1.60	200	8.10	0.0	1.23	-115.5	5
1110	6.78	0.957	15.032	1.72	200	8.10	0.0	1.29	-114.8	6
Stabilization Criteria:		±3%	±3%	±10				±10%	±10	

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1110	6.78	0.957	15.032	1.72	200	8.10	0.0	1.29	-114.8

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 25(326)-20914120 | Time: 1111

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW25(82) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: K. Dornbusch | Date: 09/14/20 | Start Time: 0944 | Weather: P.Cloudy 53°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.82 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 81.41 | Well Diameter: 2" | Approx. Pump Depth: 79 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 0950 | Pump Stopped: 1029 | Total Gallons: 7 Liters

	Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)	
	0955	7.10	1.209	14.672	8.48	200	9.82	0.0	1.22	-102.2	1
	1000	7.11	1.213	14.484	4.99	200	9.82	0.0	1.56	-111.3	2
	1005	7.10	1.214	14.414	3.29	200	9.82	0.0	2.34	-106.0	3
	1010	7.10	1.214	14.351	3.20	200	9.82	0.0	2.95	-100.9	4
	1015	7.09	1.214	14.388	3.02	200	9.82	0.0	3.62	-96.6	5
	1020	7.09	1.214	14.247	3.04	200	9.82	0.0	3.87	-94.5	6
	1025	7.09	1.214	14.325	2.69	200	9.82	0.0	3.93	-93.0	7
Stabilization Criteria:		±3%		±3%	±10				±10%	±10	

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1525	7.09	1.214	14.325	2.69	200	9.82	0.0	3.93	-93.0

Comments: ____

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

Sample Name: ATR-MW25(82)-GW091420 | Time: 1027

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3 VOA	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-MW26(17.5-)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: CLO | Date: 9/14/20 | Start Time: 1125 | Weather: Sunny 66°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 10.59 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 17.5 | Borehole Diameter: 2" | Approx. Pump Depth: 16 Feet
Screen Interval: top ____ bottom ____ Feet

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

Pump Started: 1129 | 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)
1130	7.42	1.218	15.14	217.70	250	10.59	0.00	0.31	-147.3
1135	7.33	1.205	14.92	83.02	250	10.61	0.02	0.19	-145.3
1140	7.27	1.195	14.75	34.08	250	10.61	0.02	0.32	-145.9
1145	7.24	1.194	14.80	22.76	250	10.61	0.02	0.41	-143.0
1150	7.23	1.194	14.87	21.33	250	10.61	0.02	0.50	-140.6
1155	7.23	1.193	14.84	14.49	250	10.61	0.02	0.57	-138.6
1200	7.20	1.194	14.73	13.53	250	10.61	0.02	0.62	-136.3
1205	7.20	1.193	14.86	9.82	250	10.61	0.02	0.68	-135.1
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1205	7.20	1.193	14.86	9.82	250	10.61	0.02	0.68	-135.1

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 26(17.5)-20091420 | Time: 1208

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-MW2C (28.8) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: GCO | Date: 9/14/20 | Start Time: 1045 | Weather: Sunny 60°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 10.49 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 28.8 | Borehole Diameter: 2" | Approx. Pump Depth: 24 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1046 | 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	6.71	1.832	13.86	0.00	250	10.49	0	0.30	-91.8
1055	6.65	1.772	13.73	0.00	250	10.49	0	0.10	-93.7
1100	6.80	1.729	13.70	0.00	250	10.49	0	0.15	-103.6
1105	6.67	1.705	13.67	0.00	250	10.49	0	0.21	-97.0
1110	6.68	1.700	13.63	0.00	250	10.49	0	0.22	-98.4
1115	6.69	1.690	13.64	0.00	250	10.49	0	0.24	-99.1

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1115	6.69	1.690	13.64	0.00	250	10.49	0	0.24	-99.1

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-MW2C(28.8)-GW091420 | Time: 1118

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-MW26(58.2)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: GJS | Date: 9/14/20 | Start Time: 0924 | Weather: Foggy 57°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 9.90 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 58.2 | Borehole Diameter: 2" | Approx. Pump Depth: 56 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 0931 | 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)
0933	7.85	0.700	16.87	0.00	250	9.90	0	9.55	-46.8
0938	7.36	0.881	14.53	0.00	250	9.90	0	0.40	-136.7
0943	7.27	0.886	14.43	0.00	250	9.90	0	0.81	-134.3
0948	7.16	0.894	14.34	0.00	250	9.90	0	1.38	-124.0
0953	7.05	0.896	14.32	0.00	250	9.90	0	1.89	-114.7
0958	7.01	0.897	14.34	0.00	250	9.90	0	2.36	-107.8
1003	7.00	0.894	14.31	0.00	250	9.90	0	2.65	-105.9
1008	6.97	0.893	14.30	0.00	250	9.90	0	3.03	-102.5
1013	6.96	0.893	14.31	0.74	250	9.90	0	3.50	-100.4
1018	6.95	0.892	14.27	0.72	250	9.90	0	3.97	-99.4
1023	6.94	0.893	14.20	1.02	250	9.90	0	4.14	-97.7
1028	6.95	0.892	14.31	2.18	250	9.90	0	4.32	-97.7
1033	6.94	0.890	14.35	1.45	250	9.90	0	4.51	-97.0
1038	6.94	0.889	14.37	2.80	250	9.90	0	4.74	-97.8

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1038	6.94	0.889	14.37	2.80	250	9.90	0	4.74	-97.8

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-MW26(58.2)-09142O | Time: 1040

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW27(18) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: GLD | Date: 9/14/20 | Start Time: 0840 | Weather: Foggy 56°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 4.48 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 17.54 | Borehole Diameter: 2" | Approx. Pump Depth: 16 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 0847 | 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	7.03	1.189	16.48	10.56	300	4.48	0	0.26	-131.9
0855	7.13	1.174	16.38	0.00	300	4.48	0	0.14	-144.1
0900	7.13	1.156	16.27	0.00	300	4.48	0	0.15	-149.5
0905	7.16	1.148	16.24	0.00	300	4.48	0	0.17	-152.1
0910	7.17	1.145	16.21	0.00	300	4.48	0	0.19	-152.9
0915	7.24	1.144	16.17	0.00	300	4.48	0	0.21	-155.1

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
0915	7.24	1.144	16.17	0.00	300	4.48	0	0.21	-155.1

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-MW27(18)-GW091420 | Time: 0915

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water [ ] Groundwater [✓] Sample ID ATR-MW 59(29)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel GED Date 9/14/20 Start Time 1241 Weather Sunny 70°F

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 14.80 Depth to Product ____ Product Thickness ____
Total Casing Depth 29 Borehole Diameter 2 Approx. Pump Depth 26 Feet
Screen Interval top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab [✓] Composite [ ] Grundfos [ ] Bladder Pump [✓] Peristaltic Pump [ ] Bailer [ ]
Pump Started 1252 Pump Stopped ____ Total Gallons ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1254	6.57	1.792	18.07	1.93	200	14.80	0	1.41	-93.9
1259	6.57	1.824	17.20	0.29	200	14.80	0	0.29	-105.8
1304	6.51	1.850	17.03	0.00	200	14.80	0	0.45	-108.2
1309	6.44	1.886	16.82	0.00	200	14.80	0	0.66	-108.6
1314	6.42	1.929	16.73	0.00	200	14.80	0	0.85	-108.2
1319	6.43	1.937	16.76	0.00	200	14.80	0	1.00	-106.1
1324	6.45	1.932	16.68	0.00	200	14.80	0	1.12	-104.5
1329	6.44	1.945	16.63	0.00	200	14.80	0	1.22	-102.1
1334	6.45	1.947	16.69	0.00	200	14.80	0	1.31	-100.2

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1334	6.45	1.947	16.69	0.00	200	14.80	0	1.31	-100.2

Comments: ____

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

Sample Name ATR-MW 59(29)-G091420 Time 1337

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

Bottle Type:
G = Glass
P = Poly

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

MS/MSD ____ Blind Dup ATR-MW59(29)G091420R 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-MW59(46) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: GCO | Date: 9/14/20 | Start Time: 1349 | Weather: Sunny 72°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 14.47 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 46' | Borehole Diameter: 2" | Approx. Pump Depth: 42.5 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1355 | 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)
1357	7.03	0.720	22.44	0.00	150	14.47	0	1.12	-105.6
1402	7.31	0.648	23.34	0.00	150	14.47	0	0.66	-138.5
1407	7.37	0.630	18.95	0.00	250	14.47	0	0.71	-144.1
1412	7.38	0.633	17.97	0.00	250	14.47	0	0.28	-150.1
1417	7.33	0.634	17.84	0.00	250	14.47	0	0.23	-150.4
1422	7.21	0.634	17.71	0.00	250	14.47	0	0.23	-146.1
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1422	7.21	0.634	17.71	0.00	250	14.47	0	0.23	-146.1

Comments: ____

Calibration: pH Calibration Buffers: 4 ☑ 7 ☑ 10 ☑ | ORP Calibration 229 mV
SC Reference Solution 4.45 mS/cm | Turbidity Cal. Solution 0 NTUs

Sample Name: ATR-MW59(46)-GW092420 | Time: 1425

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	G 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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 68(32)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: R. Dornbush | Date: 09/09/20 | Start Time: 1631 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 24.76 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 31.79 | Borehole Diameter: 2" | Approx. Pump Depth: 29 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Baller ☑
Pump Started _____ Pump Stopped _____ Total ~~Gallons~~ L: 8

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)
1640	6.11	1.552	18.374	70.32	—	—	—	3.43	-22.1
1690	7.00	1.550	19.218	45.10	—	—	—	4.01	-45.3
1700	6.26	1.630	19.350	46.80	—	—	—	4.95	-66.6
1715	6.24	1.2915	19.673	47.10	—	—	—	4.39	-72.0

2 / 2 4 8 8

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

Final:

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

Comments: 32 - 24.76 = 7.24 x 0.0918 = 0.66 gal x 3 = 1.98 ≈ 7.5 L

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

Sample Name: ATR-MW 68(32) 090920 | Time: 1720

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW 72(32) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: R. Dornbusch | Date: 09/14/20 | Start Time: 1555 | Weather: ____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 27.72 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 32.50 | Borehole Diameter: 2" | Approx. Pump Depth: ~29 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☐ Peristaltic Pump ☐ Bailer ☑
Pump Started ____ Pump Stopped ____ Total ~~Gallons~~ Liters 8

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)
1606	6.11	3.999	9.73	8.95	—	—	—	2.97	-103.6
1613	6.08	3.625	10.16	21.65	—	—	—	4.22	-110.8
1630	6.04	3.977	10.45	33.49	—	—	—	2.97	-114.4
1645	6.23	3.792	15.74	2.94	—	—	—	2.91	-109.3
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

L
2
4
6
8

Final:

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

Comments: 32-27.72 = 4.28 × 0.0918 = 0.39 × 3 = 1.17 × 3.79 = 4.44

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 72(32)-G091420 | Time: 1655

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3 VOA	HCL	Dissolved Gasses ☑	3 VOA	TSP
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 81(27) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: _____ | Date: 09/14/20 | Start Time: 1245 | Weather: Partly cloudy 53°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 18.67 | Depth to Product: ~ | Product Thickness: ~
Total Casing Depth: 22.74 | Well Diameter: 2" | Approx. Pump Depth: 21 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1255 | Pump Stopped: 1351 | Total ~~Gallons~~ 24 Liters: 15.0

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)	L
1300	6.22	1.330	16.285	16.67	300	14.31	0.64	0.72	-98.1	1.5
1305	6.23	1.347	16.236	17.55	300	14.31	0.64	0.78	-100.4	3.0
1310	6.23	1.373	16.039	30.60	300	14.31	0.64	0.89	-101.9	4.5
1315	6.24	1.384	15.828	30.12	300	14.31	0.64	0.96	-101.0	6.0
1320	6.24	1.389	15.781	22.61	300	14.31	0.64	1.04	-99.3	7.5
1325	6.24	1.396	15.780	16.10	300	14.31	0.64	1.15	-96.6	9.0
1330	6.24	1.400	15.757	14.47	300	14.31	0.64	1.15	-95.9	10.5
1335	6.24	1.422	15.831	11.95	300	14.31	0.64	1.18	-95.1	12
1340	6.25	1.427	15.783	10.51	300	14.31	0.64	1.19	-94.5	13.5
1345	6.25	1.430	15.679	9.79	300	14.31	0.64	1.18	-94.0	15.0
Stabilization Criteria:		±3%	±3%	±10				±10%	±10	

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1345	6.25	1.430	15.679	9.79	300	14.31	0.64	1.18	-94.0

Comments: _____

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

Sample Name: ATR-MW 81(27)-GW091420 | Time: 1347

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-MW-82(58)
Project Number: 3359-15-1040
Sampling Personnel: R. Dornbusch | Date: 09/14/20 | Start Time: 1407 | Weather: P. Cloudy 72°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 22.85 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 58.35 | Borehole Diameter: 2" | Approx. Pump Depth: 54 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1415 | Pump Stopped: 1450 | Total ~~Gallons~~ Liters: ____

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	7.06	1.082	16.030	3.48	200	22.85	0.0	0.66	-135.8	1
1425	7.06	1.086	15.953	3.06	200	22.85	0.0	0.69	-136.9	2
1430	7.06	1.087	15.925	2.90	200	22.85	0.0	0.79	-135.9	3
1435	7.05	1.089	15.884	2.90	200	22.85	0.0	0.89	-134.0	4
1440	7.05	1.090	15.851	2.895	200	22.85	0.0	0.98	-132.2	5
1445	7.04	1.091	15.811	3.00	200	22.85	0.0	0.96	-129.8	6
Stabilization Criteria:	±3%	±3%	±10				±10%	±10		

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1445	7.04	1.091	15.811	3.00	200	22.85	0.0	0.96	-129.8

Comments: ____

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

Sample Name: ATR-MW-82(58)-09142020 | Time: 1447

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☒ Sample ID ATR-~~MW~~ OW1(39)
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel R. Dornbusch Date 09/13/20 Start Time 1058 Weather Sunny Temp ~68°F

MEASUREMENT SUMMARY:
Measuring Point TOC Depth to Water 20.65 Depth to Product — Product Thickness —
Total Casing Depth 38.60 Well Diameter 2" Approx. Pump Depth 36 Feet
Screen Interval top bottom Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☒ Peristaltic Pump ☐ Bailer ☐
Pump Started 1105 Pump Stopped 1134 Total ~~Gallons~~ Liters 8

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	1.198	14.444	5.40	400	20.67	0.02	0.37	-152.8
1115	7.14	1.113	14.443	4.22	400	20.67	0.02	0.32	-151.2
1120	7.13	1.086	14.414	2.45	400	20.67	0.02	0.28	-150.4
1125	7.20	1.074	14.318	1.44	400	20.67	0.02	0.30	-151.7
1130	7.20	1.070	14.374	1.19	406	20.67	0.02	0.32	-150.1
Stabilization Criteria:	±3%		±3%	±10				±10%	±10

L
2
4
6
8

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1130	7.20	1.070	14.374	1.19	400	20.67	0.02	0.32	-150.1

Comments:

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

Sample Name ATR-~~MW~~ OW1(39)-G091320 Time 1132

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

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

MS/MSD Blind Dup Blind Dup Name TB

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-MW OW2(2)(33) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: R. Dornbusch | Date: 09/13/20 | Start Time: 1146 | Weather: Sunny 66°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 21.16 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 32.66 | Well Diameter: 2" | Approx. Pump Depth: 31 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ Composite ☐ Grundfos ☐ Bladder Pump ☑ Peristaltic Pump ☐ Bailer ☐
Pump Started: 1150 | Pump Stopped: 1237 | Total Liters Gallons: 16

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)	L
1155	6.84	1.230	14.548	39.99	400	21.16	0.0	0.34	-124.8	2
1200	6.87	1.185	14.549	26.41	400	21.16	0.0	0.32	-126.6	4
1205	6.90	1.139	14.577	19.40	400	21.16	0.0	0.31	-127.5	6
1210	6.92	1.121	14.482	15.60	400	21.16	0.0	0.29	-127.7	8
1215	6.93	1.101	14.534	16.10	400	21.16	0.0	0.30	-127.1	10
1220	6.94	1.095	14.538	18.00	400	21.16	0.0	0.30	-126.1	12
1225	6.94	1.086	14.509	7.68	400	21.16	0.0	0.32	-124.2	14
1230	6.95	1.077	14.543	7.01	400	21.16	0.0	0.34	-123.6	16

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1230	6.95	1.077	14.543	7.01	400	21.16	0.0	0.34	-123.6

Comments: @1220 cleared air bubbles from Turb probe

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 OW2(33)-GW091320 | Time: 1232

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

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

MS/MSD: ATR-MW2(33)-GW091320 | 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~~ OW2(53) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: R. Dornbusch | Date: 10/13/20 | Start Time: 1244 | Weather: Sunny 66°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 21.11 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 52.59 | Well Diameter: 2" | Approx. Pump Depth: 51 Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab [ ] Composite [ ] Grundfos [ ] Bladder Pump [✓] Peristaltic Pump [ ] Bailer [ ]
Pump Started: 1250 | Pump Stopped: 1334 | Total Gallons: 9.0

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)	
										L
1255	7.14	0.983	15.097	55.49	300	21.11	0.0	0.95	-139.8	1.5
1300	7.15	0.980	15.031	42.08	300	21.11	0.0	0.65	-138.6	3.0
1305	7.15	0.973	15.016	34.33	300	21.11	0.0	0.85	-134.7	4.5
1310	7.13	0.970	15.040	25.70	300	21.11	0.0	1.07	-128.7	6.0
1315	7.13	0.968	15.100	26.42	300	21.11	0.0	1.10	-128.1	7.5
1320	7.13	0.967	14.907	25.11	300	21.11	0.0	1.15	-125.7	9.0

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1320	7.13	0.967	14.907	25.11	300	21.11	0.0	1.15	-125.7

Comments: ____

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

Sample Name: ATR-~~MW~~ OW2(53)-601320 | Time: 1322

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

Bottle Type:
G = Glass
P = Poly

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

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GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ~~ATR-MW~~ OW3(35)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: R. Dombrosch | Date: 09/13/20 | Start Time: 1340 | Weather: Sunny 66°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 17.55 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 34.89 | Well Diameter: 2" | Approx. Pump Depth: 32' Feet
Screen Interval: top ____ bottom ____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1345 | Pump Stopped: 1419 | Total ~~Gallons~~ Liters: 6

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)	L
1350	7.21	1.162	14.421	64.20	200	17.55	0.0	1.30	-138.1	1
1355	7.20	1.152	14.210	13.23	200	17.55	0.0	1.31	-133.4	2
1400	7.21	1.140	13.985	11.15	200	17.55	0.0	1.37	-131.5	3
1405	7.22	1.130	13.964	10.09	200	17.55	0.0	1.41	-128.5	4
1410	7.23	1.125	13.967	9.02	200	17.55	0.0	1.52	-127.0	5
1415	7.23	1.122	13.835	8.41	200	17.55	0.0	1.54	-125.6	6
Stabilization Criteria:	±3%	±3%	±10					±10%	±10	

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1415	7.23	1.122	13.835	8.41	200	17.55	0.0	1.54	-125.6

Comments: ____

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

Sample Name: ATR-~~MW~~ OW3(35)-G091320 | Time: 1417

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☒ | Sample ID: ATR-~~MW~~OW3(55) (Use: Well name)
Project Number: 3359-15-1040
Sampling Personnel: R. Bornhusch | Date: 09/13/20 | Start Time: 1425 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 17.51 | Depth to Product: — | Product Thickness: —
Total Casing Depth: 51.00 | Well Diameter: 2" | Approx. Pump Depth: ~32 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☐ | Composite ☐ | Grundfos ☐ | Bladder Pump ☒ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1430 | Pump Stopped: 1505 | Total ~~Gallons~~ Liters: 6

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)	
1435	7.15	1.213	14.206	13.66	200	17.51	0.0	1.29	-143.4	1
1440	7.15	1.209	14.188	9.73	200	17.51	0.0	2.10	-136.2	2
1445	7.13	1.201	14.004	7.00	200	17.51	0.0	2.88	-126.4	3
1450	7.12	1.193	13.999	7.23	200	17.51	0.0	3.53	-121.3	4
1455	7.10	1.191	14.206	7.43	200	17.51	0.0	3.83	-119.3	5
1500	7.10	1.185	14.208	7.74	200	17.51	0.0	4.06	-118.3	6
Stabilization Criteria:	±3%	±3%	±10					±10%	±10	

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1500	7.10	1.185	14.208	7.74	200	17.51	0.0	4.06	-118.3

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~~OW3(55)-092320 | Time: 1502

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-~~MW~~OW4(35)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: GMD | Date: 9/13/20 | Start Time: 1305 | Weather: Sunny 95°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 17.84 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 34.78 | Borehole Diameter: 2" | Approx. Pump Depth: 33 Feet
Screen Interval: top ____ bottom ____ Feet

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

Pump Started: 1310 | Pump Stopped: ____ | Total Gallons: ____

Time (24-hr)	pH (S.U.)	SC (mS/cm)	Temp (°C)	Turb. (NTU)	Flow Rate (ml/min)	DTW (ft)	Drawdown (ft)	DO (mg/L)	ORP (mV)
1512	6.74	2.455	14.45	8.00	200	17.84	0	0.68	-112.7
1517	6.61	2.376	15.91	10.60	200	17.84	0	0.23	-110.4
1522	6.47	2.271	15.56	14.48	200	17.84	0	0.32	-104.1
1527	6.48	2.196	15.51	22.90	200	17.84	0	0.39	-100.4
1532	6.49	2.136	15.92	26.07	200	17.84	0	0.50	-98.2
1537	6.53	2.120	16.11	34.88	200	17.84	0	0.70	-96.9
1542	6.49	2.066	16.13	36.73	200	17.84	0	0.70	-93.6
1547	6.50	2.034	16.14	39.97	200	17.84	0	0.76	-91.9
1552	6.49	2.016	16.28	44.76	200	17.84	0	0.79	-88.8

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1552	6.49	2.016	16.28	44.76	200	17.84	0	0.79	-88.8

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~~OW4(35)-GW091320 | Time: 1555

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 ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-~~MW~~ OW4(54)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: GLD | Date: 9/13/20 | Start Time: 1602 | Weather: Sunny 75°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 17.56 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 53.76 | Well Diameter: 2 | Approx. Pump Depth: 51.5 Feet
Screen Interval: top ____ bottom ____ Feet

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

Pump Started: 1607 | 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)
1609	6.82	1.809	24.85	42.82	200	17.56	0	1.44	-173.4
1614	6.85	1.632	26.56	9.02	200	17.56	0	1.56	-122.5
1619	6.98	1.616	23.74	4.75	200	17.56	0	1.26	-130.5
1624	7.08	1.622	16.65	2.37	200	17.56	0	0.37	-126.1
1629	6.97	1.620	16.16	2.27	200	17.56	0	0.44	-121.2
1634	6.83	1.621	16.06	0.23	200	17.57	0.01	0.55	-113.8
1639	6.77	1.625	16.06	1.15	200	17.57	0.01	0.65	-109.5
1644	6.74	1.629	15.92	1.32	200	17.57	0.01	0.69	-107.3
1649	6.74	1.634	15.95	0.85	200	17.57	0.01	0.74	-106.9
Stabilization Criteria:	±3%		±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1649	6.74	1.634	15.95	0.85	200	17.57	0.01	0.74	-106.9

Comments: Took Black Trash Bag off Flow thru Cylinder at 1619

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~~ OW4(54)-20091320 | Time: 1652

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-~~MW~~ OWS(16)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: GLO | Date: 9/13/20 | Start Time: 1356 | Weather: Sunny 75°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 8.89 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 16.42 | Well Diameter: 2 | Approx. Pump Depth: 14.5 Feet
Screen Interval: top ____ bottom ____ Feet

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

Pump Started: 1403 | 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)
1402	7.13	1.235	17.46	3.44	300	8.85	0	0.14	-119.7
1407	7.05	1.225	16.85	8.11	300	8.86	0	0.09	-115.2
1412	6.92	1.221	16.92	4.94	300	8.89	0	0.07	-114.7
1417	6.87	1.217	16.76	3.54	300	8.90	0.01	0.07	-112.8
1422	6.81	1.212	16.75	3.06	300	8.90	0.01	0.08	-111.1
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1422	6.81	1.212	16.75	3.06	300	8.90	0.01	0.08	-111.1

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~~ OWS(16)-GW091320 | Time: 1425

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	G 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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water: [ ] | Groundwater: [✓] | Sample ID: ATR-~~MW~~OW5(35)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: GMD | Date: 9/13/20 | Start Time: 1340 | Weather: Sunny 73°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 7.88 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 35.45 | Well Diameter: 2" | Approx. Pump Depth: 33 Feet
Screen Interval: top ____ bottom ____ Feet

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

Pump Started: 1307 | 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	7.04	1.052	17.06	5.90	200	7.88	0	0.61	-118.7
1315	6.89	1.054	17.10	2.02	200	7.88	0	0.25	-116.9
1320	6.74	1.053	16.73	1.04	200	7.88	0	0.39	-107.3
1325	6.72	1.054	16.22	1.10	200	7.88	0	0.60	-101.1
1330	6.74	1.055	16.28	0.83	200	7.88	0	0.76	-99.7
1335	6.88	1.055	16.32	1.65	200	7.88	0	0.91	-103.0
1340	6.79	1.050	16.29	0.35	200	7.88	0	1.00	-97.0
1345	6.81	1.054	16.31	0.33	200	7.88	0	1.10	-95.6
Stabilization Criteria:		±3%	±3%	±10				±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1345	6.81	1.054	16.31	0.33	200	7.88	0	1.10	-95.6

Comments: Sun & Clouds Affecting Temps of Discharge

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~~OW5(35)-GW091320 | Time: 1346

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~~ 005(44)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: [illegible] | Date: 9/23/20 | Start Time: 14.30 | Weather: _____

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 7.91 | Depth to Product: _____ | Product Thickness: _____
Total Casing Depth: 43.90 | Borehole Diameter: 2" | Approx. Pump Depth: 41 Feet
Screen Interval: top _____ bottom _____ Feet

SAMPLING SUMMARY:
Sampling Method: Grab ☑ | Composite ☐ | Grundfos ☐ | Bladder Pump ☑ | Peristaltic Pump ☐ | Bailer ☐
Pump Started: 1434 | 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)
1435	6.76	1.462	18.27	9.23	250	7.91	0	0.56	-97.8
1440	6.64	1.472	17.81	0.07	250	7.91	0	0.25	-96.6
1445	6.59	1.474	17.45	0.05	250	7.91	0	0.24	-92.2
1450	6.47	1.476	17.51	0.24	250	7.91	0	0.20	-88.9
1455	6.43	1.478	17.40	0.85	250	7.91	0	0.22	-87.6
Stabilization Criteria:	±3%	±3%	±10					±10%	±10

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1455	6.43	1.478	17.40	0.85	250	7.91	0	0.22	-87.6

Comments: _____

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

Sample Name: ATR-~~MW~~ 005(44)-6091320 | Time: 1458

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

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

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

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-~~MW~~ GW(Lo)37
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: GCD | Date: 9/13/20 | Start Time: 1207 | Weather: Sunny 71°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 8.85' | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 32.75' | Well Diameter: ____ | Approx. Pump Depth: 35 Feet
Screen Interval: top ____ bottom ____ 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)
1212	6.886	1.326	16.19	8.06	300	8.85	0	2.22	-93.9
1217	6.884	1.336	15.73	4.12	300	8.85	0	0.33	-111.1
1222	6.887	1.336	15.37	5.95	300	8.85	0	0.156	-110.7
1227	6.892	1.341	15.60	5.13	300	8.85	0	0.80	-111.4
1232	6.888	1.343	15.39	3.11	300	8.85	0	0.93	-107.7
1237	6.885	1.345	16.31	3.85	300	8.85	0	1.06	-108.1
1242	6.895	1.350	16.37	4.97	300	8.85	0	1.12	-107.9
1247	6.887	1.357	17.45	3.92	300	8.85	0	1.21	-109.4

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1247	6.887	1.357	17.45	3.92	300	8.85	0	1.21	-109.4

Comments: Sun affecting temps as it goes in and out of clouds

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~~ GW(Lo)37-GC091320 | Time: 1250

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

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location: TFS Rochester | Surface Water ☐ | Groundwater ☑ | Sample ID: ATR-~~MW~~ OW-6(63)
Project Number: 3359-15-1040 | (Use: Well name)
Sampling Personnel: GLO | Date: 9/13/20 | Start Time: 1050 | Weather: Sunny (a) 80°F

MEASUREMENT SUMMARY:
Measuring Point: TOC | Depth to Water: 5.26 | Depth to Product: ____ | Product Thickness: ____
Total Casing Depth: 62.60 | Well Diameter: 2 | Approx. Pump Depth: 55 Feet
Screen Interval: top ____ bottom ____ Feet

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

Pump Started: 1007 | 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	7.01	1.395	15.78	188.55	250	5.26	0	2.05	-114.3
1105	7.08	1.387	15.20	62.06	250	5.26	0	0.51	-124.1
1110	7.06	1.392	15.25	39.93	250	5.26	0	0.61	-120.5
1115	7.10	1.382	15.14	35.75	250	5.26	0	0.86	-113.6
1120	6.84	1.386	15.17	31.75	250	5.26	0	1.05	-108.0
1125	6.89	1.381	14.60	35.29	250	5.26	0	1.31	-102.5
1130	6.84	1.379	14.16	39.22	250	5.26	0	1.61	-97.8
1135	6.78	1.375	13.89	25.46	250	5.26	0	1.82	-94.5
1140	6.77	1.380	13.87	26.13	250	5.26	0	1.92	-94.1
1145	6.81	1.380	13.85	29.42	250	5.26	0	1.98	-96.2

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

Final:

Time	pH	SC	Temp	Turb.	Flow Rate	DTW	Drawdown	DO	ORP
1155	6.81	1.380	13.85	29.42	250	5.26	0	1.98	-96.2

Comments: Sun moved Changing temp of Discharge Water

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~~ OW-6(63)-091320 | Time: 1158

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

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

MS/MSD ____ | Blind Dup ATR-DUP-OW-6(63)-091320-K | Blind Dup Name ____ | TB ____

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

ATR-EB001-090820

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ATR-MW
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel RH Date 9/8/20 Start Time _____ Weather _____

MEASUREMENT SUMMARY:
Measuring Point _____ Depth to Water _____ Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Borehole 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: ATR-EB001-090820

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

Sample Name ATR-~~MW~~ EB001-090820 Time 1445

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

Bottle Type:
G = Glass
P = Poly

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

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

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GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☑ Sample ID ATR-~~MW~~ EB002
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel GLO Date 9/9/20 Start Time 1230 Weather _____

MEASUREMENT SUMMARY:
Measuring Point _____ Depth to Water _____ Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Borehole 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 229 mV
SC Reference Solution 4.45 mS/cm Turbidity Cal. Solution 0 NTUs

Sample Name ATR-~~MW~~ EB002-090920 Time 1230

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 _____

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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~~ EB001-091020
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel R. Downtown Date 09/10/20 Start Time _____ Weather _____

MEASUREMENT SUMMARY:
Measuring Point NA Depth to Water NA Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Borehole 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 EB001-091020 was collected after MW34(110) decon and Before MW30(41.1)

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

Sample Name ATR-~~MW~~ EB001-091020 Time 0946

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	3 VOA	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~~ ATR-EB001-091120
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel RT Date 9/11/20 Start Time _____ Weather overcast 60°

MEASUREMENT SUMMARY:
Measuring Point _____ Depth to Water _____ Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Borehole 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~~ EB001-091120 Time 0950

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☒	3 9	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 _____

wood.

GROUNDWATER/SURFACE WATER SAMPLING FORM

Wood Environment & Infrastructure Solutions, Inc.

GROUND-WATER/SURFACE WATER SAMPLING FORM

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

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

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

Pump Started _____ Pump Stopped _____ Total Gallons _____

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

Final:

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

Comments: Equipment Blank = ATR-EB001-091320 Time 1355

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

Sample Name ATR-MW Time _____

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

Bottle Type:
G = Glass
P = Poly

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

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

wood.
Wood Environment & Infrastructure Solutions, Inc.

GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ATR-~~MW~~ EB001
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel R. Dornbusch Date 09/14/20 Start Time 0839 Weather P.Cloudy 53°F

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

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

Pump Started _____ Pump Stopped _____ Total Gallons _____

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

Final:

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

Comments: EB001 collect after decon from MW-14 and prior to MW-15

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

Sample Name ATR-~~MW~~ EB001-GW091420 Time 0839

Analyses (check)	Bottle #/Type	Preservative		Bottle #/Type	Preservative
VOCs ☑	3 VOA	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 _____

wood.
Wood Environment & Infrastructure Solutions, Inc.

GROUNDWATER/SURFACE WATER SAMPLING FORM

GROUND-WATER/SURFACE WATER SAMPLING FORM

Project Location TFS Rochester Surface Water ☐ Groundwater ☐ Sample ID ATR-~~MW~~ EB001-091520
Project Number 3359-15-1040 (Use: Well name)
Sampling Personnel _____ Date _____ Start Time _____ Weather _____

MEASUREMENT SUMMARY:
Measuring Point _____ Depth to Water _____ Depth to Product _____ Product Thickness _____
Total Casing Depth _____ Borehole 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: ATR-EB001-091520 Time 0940

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

Sample Name ATR-MW Time _____

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

Bottle Type:
G = Glass
P = Poly

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

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

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Wood Environment & Infrastructure Solutions, Inc.

GROUNDWATER/SURFACE WATER SAMPLING FORM

APPENDIX B

LABORATORY REPORTS AND DATA VALIDATION REPORT

23-Sep-2020

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

Re: **TFS Annual Stability (3359-15-1040)** Work Order: **20091364**

Dear Paul,

ALS Environmental received 15 samples on 16-Sep-2020 11:30 AM for the analyses presented in the following report.

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

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

The total number of pages in this report is 43.

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,

Ehrland Bosworth

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS Group, USA

Date: 23-Sep-20

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040)
Work Order: **20091364**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
20091364-01	ATR-MW6C-G091320	Groundwater		9/13/2020 16:07	9/16/2020 11:30	☐
20091364-02	ATR-MW20(51)-G091320	Groundwater		9/13/2020 16:52	9/16/2020 11:30	☐
20091364-03	ATR-MW14-G091420	Groundwater		9/14/2020 08:26	9/16/2020 11:30	☐
20091364-04	ATR-MW15-G091420	Groundwater		9/14/2020 09:30	9/16/2020 11:30	☐
20091364-05	ATR-MW25(16.4)-G091420	Groundwater		9/14/2020 11:57	9/16/2020 11:30	☐
20091364-06	ATR-MW25(32.6)-G091420	Groundwater		9/14/2020 11:11	9/16/2020 11:30	☐
20091364-07	ATR-MW25(82)-G091420	Groundwater		9/14/2020 10:27	9/16/2020 11:30	☐
20091364-08	ATR-MW26(17.5)-G091420	Groundwater		9/14/2020 12:08	9/16/2020 11:30	☐
20091364-09	ATR-MW26(28.8)-G091420	Groundwater		9/14/2020 11:18	9/16/2020 11:30	☐
20091364-10	ATR-MW26(58.2)-G091420	Groundwater		9/14/2020 10:40	9/16/2020 11:30	☐
20091364-11	ATR-OW6(38)-G091320	Groundwater		9/13/2020 12:50	9/16/2020 11:30	☐
20091364-12	ATR-OW6(63)-G091320	Groundwater		9/13/2020 11:58	9/16/2020 11:30	☐
20091364-13	ATR-OW6(63)-G091320R	Groundwater		9/13/2020 11:58	9/16/2020 11:30	☐
20091364-14	ATR-EB001-091320	Groundwater		9/13/2020 13:55	9/16/2020 11:30	☐
20091364-15	ATR-TB001-091320	Groundwater		9/13/2020	9/16/2020 11:30	☐

ALS Group, USA

Date: 23-Sep-20

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040)
WorkOrder: **20091364**

QUALIFIERS, ACRONYMS, UNITS

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

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

Units Reported	Description
µg/L	Micrograms per Liter

Client:	Wood Environment & Infrastructure Solutions, Inc
Project:	TFS Annual Stability (3359-15-1040)
Work Order:	20091364

Case Narrative

Samples for the above noted Work Order were received on 09/16/2020. 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 R298562a, Method SW8260C, Sample ATR-MW25(16.4)-G091420 (20091364-05A): One or more surrogate recoveries were above the upper control limits. The sample was non-detect, therefore, no qualification is needed.

Batch R298562a, Method SW8260C, Sample ATR-MW26(17.5)-G091420 (20091364-08A): One or more surrogate recoveries were above the upper control limits. The sample was non-detect, therefore, no qualification is needed.

Batch R298562a, Method SW8260C, Sample ATR-MW26(28.8)-G091420 (20091364-09A): One or more surrogate recoveries were above the upper control limits. The sample was non-detect, therefore, no qualification is needed.

Batch R298562a, Method SW8260C, Sample ATR-OW6(38)-G091320 (20091364-11A): One or more surrogate recoveries were above the upper control limits. The sample was non-detect, therefore, no qualification is needed.

Batch R298562a, Method SW8260C, Sample ATR-OW6(63)-G091320 (20091364-12A): One or more surrogate recoveries were above the upper control limits. The sample was non-detect, therefore, no qualification is needed.

Batch R298562a, Method SW8260C, Sample 20091364-02A MS: The VOC MS recovery was outside of the control limit. However, the MSD recovery and the RPD between the MS and MSD was in control. No qualification is required for Vinyl Chloride.

Batch R298562a, Method SW8260C, Sample 20091364-02A MSD: The VOC RPD between the MS and MSD was outside the control limit. The corresponding result in the parent sample should be considered estimated for 2-Butanone, Acetone, and Chloromethane.

No other deviations or anomalies were noted.

ALS Group, USA

Date: *23-Sep-20*

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW6C-G091320 **Lab ID:** 20091364-01
Collection Date: 9/13/2020 04:07 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 06:28 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 06:28 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Acetone	ND		10	µg/L	1	9/21/2020 06:28 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
cis-1,2-Dichloroethene	**1.2**		**1.0**	**µg/L**	1	9/21/2020 06:28 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 06:28 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 06:28 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 06:28 PM
Vinyl chloride	**1.4**		**1.0**	**µg/L**	1	9/21/2020 06:28 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 06:28 PM
Surr: 1,2-Dichloroethane-d4	*95.0*		*75-120*	*%REC*	1	9/21/2020 06:28 PM
Surr: 4-Bromofluorobenzene	*96.4*		*80-110*	*%REC*	1	9/21/2020 06:28 PM
Surr: Dibromofluoromethane	*98.4*		*85-115*	*%REC*	1	9/21/2020 06:28 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW6C-G091320 **Lab ID:** 20091364-01
Collection Date: 9/13/2020 04:07 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*99.6*		*85-110*	*%REC*	1	9/21/2020 06:28 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW20(51)-G091320 **Lab ID:** 20091364-02
Collection Date: 9/13/2020 04:52 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 06:52 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 06:52 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Acetone	ND		10	µg/L	1	9/21/2020 06:52 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 06:52 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 06:52 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 06:52 PM
Vinyl chloride	**33**		**1.0**	**µg/L**	1	9/21/2020 06:52 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 06:52 PM
Surr: 1,2-Dichloroethane-d4	*95.7*		*75-120*	*%REC*	1	9/21/2020 06:52 PM
Surr: 4-Bromofluorobenzene	*101*		*80-110*	*%REC*	1	9/21/2020 06:52 PM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	1	9/21/2020 06:52 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW20(51)-G091320 **Lab ID:** 20091364-02
Collection Date: 9/13/2020 04:52 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*89.4*		*85-110*	*%REC*	1	9/21/2020 06:52 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW14-G091420 **Lab ID:** 20091364-03
Collection Date: 9/14/2020 08:26 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 07:16 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 07:16 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Acetone	ND		10	µg/L	1	9/21/2020 07:16 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 07:16 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 07:16 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 07:16 PM
Vinyl chloride	**1.8**		**1.0**	**µg/L**	1	9/21/2020 07:16 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 07:16 PM
Surr: 1,2-Dichloroethane-d4	*92.0*		*75-120*	*%REC*	1	9/21/2020 07:16 PM
Surr: 4-Bromofluorobenzene	*98.2*		*80-110*	*%REC*	1	9/21/2020 07:16 PM
Surr: Dibromofluoromethane	*98.6*		*85-115*	*%REC*	1	9/21/2020 07:16 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW14-G091420 **Lab ID:** 20091364-03
Collection Date: 9/14/2020 08:26 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*102*		*85-110*	*%REC*	1	9/21/2020 07:16 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW15-G091420 **Lab ID:** 20091364-04
Collection Date: 9/14/2020 09:30 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 07:40 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 07:40 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Acetone	ND		10	µg/L	1	9/21/2020 07:40 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 07:40 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 07:40 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 07:40 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 07:40 PM
Surr: 1,2-Dichloroethane-d4	*93.7*		*75-120*	*%REC*	1	9/21/2020 07:40 PM
Surr: 4-Bromofluorobenzene	*109*		*80-110*	*%REC*	1	9/21/2020 07:40 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	9/21/2020 07:40 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW15-G091420 **Lab ID:** 20091364-04
Collection Date: 9/14/2020 09:30 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*97.1*		*85-110*	*%REC*	1	9/21/2020 07:40 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW25(16.4)-G091420 **Lab ID:** 20091364-05
Collection Date: 9/14/2020 11:57 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 08:04 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 08:04 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Acetone	ND		10	µg/L	1	9/21/2020 08:04 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 08:04 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 08:04 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 08:04 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 08:04 PM
Surr: 1,2-Dichloroethane-d4	*92.6*		*75-120*	*%REC*	1	9/21/2020 08:04 PM
Surr: 4-Bromofluorobenzene	*98.4*		*80-110*	*%REC*	1	9/21/2020 08:04 PM
Surr: Dibromofluoromethane	*99.8*		*85-115*	*%REC*	1	9/21/2020 08:04 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW25(16.4)-G091420 **Lab ID:** 20091364-05
Collection Date: 9/14/2020 11:57 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*102*		*85-110*	*%REC*	1	9/21/2020 08:04 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW25(32.6)-G091420 **Lab ID:** 20091364-06
Collection Date: 9/14/2020 11:11 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 08:29 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 08:29 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Acetone	ND		10	µg/L	1	9/21/2020 08:29 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 08:29 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 08:29 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 08:29 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 08:29 PM
Surr: 1,2-Dichloroethane-d4	*93.7*		*75-120*	*%REC*	1	9/21/2020 08:29 PM
Surr: 4-Bromofluorobenzene	*95.7*		*80-110*	*%REC*	1	9/21/2020 08:29 PM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	1	9/21/2020 08:29 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW25(32.6)-G091420 **Lab ID:** 20091364-06
Collection Date: 9/14/2020 11:11 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*103*		*85-110*	*%REC*	1	9/21/2020 08:29 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW25(82)-G091420 **Lab ID:** 20091364-07
Collection Date: 9/14/2020 10:27 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 08:53 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 08:53 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Acetone	ND		10	µg/L	1	9/21/2020 08:53 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
cis-1,2-Dichloroethene	**1.1**		**1.0**	**µg/L**	1	9/21/2020 08:53 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 08:53 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 08:53 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 08:53 PM
Vinyl chloride	**2.7**		**1.0**	**µg/L**	1	9/21/2020 08:53 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 08:53 PM
Surr: 1,2-Dichloroethane-d4	*91.4*		*75-120*	*%REC*	1	9/21/2020 08:53 PM
Surr: 4-Bromofluorobenzene	*86.2*		*80-110*	*%REC*	1	9/21/2020 08:53 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	9/21/2020 08:53 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW25(82)-G091420 **Lab ID:** 20091364-07
Collection Date: 9/14/2020 10:27 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*89.9*		*85-110*	*%REC*	1	9/21/2020 08:53 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW26(17.5)-G091420 **Lab ID:** 20091364-08
Collection Date: 9/14/2020 12:08 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 09:17 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 09:17 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Acetone	ND		10	µg/L	1	9/21/2020 09:17 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 09:17 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 09:17 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 09:17 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 09:17 PM
Surr: 1,2-Dichloroethane-d4	*92.1*		*75-120*	*%REC*	1	9/21/2020 09:17 PM
Surr: 4-Bromofluorobenzene	*111*	S	*80-110*	*%REC*	1	9/21/2020 09:17 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	9/21/2020 09:17 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW26(17.5)-G091420 **Lab ID:** 20091364-08
Collection Date: 9/14/2020 12:08 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*100*		*85-110*	*%REC*	1	9/21/2020 09:17 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW26(28.8)-G091420 **Lab ID:** 20091364-09
Collection Date: 9/14/2020 11:18 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 09:41 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 09:41 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Acetone	ND		10	µg/L	1	9/21/2020 09:41 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 09:41 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 09:41 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 09:41 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 09:41 PM
Surr: 1,2-Dichloroethane-d4	*93.2*		*75-120*	*%REC*	1	9/21/2020 09:41 PM
Surr: 4-Bromofluorobenzene	*112*	S	*80-110*	*%REC*	1	9/21/2020 09:41 PM
Surr: Dibromofluoromethane	*98.9*		*85-115*	*%REC*	1	9/21/2020 09:41 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW26(28.8)-G091420 **Lab ID:** 20091364-09
Collection Date: 9/14/2020 11:18 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*97.5*		*85-110*	*%REC*	1	9/21/2020 09:41 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW26(58.2)-G091420 **Lab ID:** 20091364-10
Collection Date: 9/14/2020 10:40 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 10:05 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 10:05 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Acetone	ND		10	µg/L	1	9/21/2020 10:05 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 10:05 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 10:05 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 10:05 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 10:05 PM
Surr: 1,2-Dichloroethane-d4	*92.4*		*75-120*	*%REC*	1	9/21/2020 10:05 PM
Surr: 4-Bromofluorobenzene	*94.4*		*80-110*	*%REC*	1	9/21/2020 10:05 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	9/21/2020 10:05 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-MW26(58.2)-G091420 **Lab ID:** 20091364-10
Collection Date: 9/14/2020 10:40 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*99.2*		*85-110*	*%REC*	1	9/21/2020 10:05 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-OW6(38)-G091320 **Lab ID:** 20091364-11
Collection Date: 9/13/2020 12:50 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 10:29 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 10:29 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Acetone	ND		10	µg/L	1	9/21/2020 10:29 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 10:29 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 10:29 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 10:29 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 10:29 PM
Surr: 1,2-Dichloroethane-d4	*92.0*		*75-120*	*%REC*	1	9/21/2020 10:29 PM
Surr: 4-Bromofluorobenzene	*95.4*		*80-110*	*%REC*	1	9/21/2020 10:29 PM
Surr: Dibromofluoromethane	*99.6*		*85-115*	*%REC*	1	9/21/2020 10:29 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-OW6(38)-G091320 **Lab ID:** 20091364-11
Collection Date: 9/13/2020 12:50 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*111*	S	*85-110*	*%REC*	1	9/21/2020 10:29 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-OW6(63)-G091320 **Lab ID:** 20091364-12
Collection Date: 9/13/2020 11:58 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 10:54 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 10:54 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Acetone	ND		10	µg/L	1	9/21/2020 10:54 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 10:54 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 10:54 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 10:54 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 10:54 PM
Surr: 1,2-Dichloroethane-d4	*94.5*		*75-120*	*%REC*	1	9/21/2020 10:54 PM
Surr: 4-Bromofluorobenzene	*111*	S	*80-110*	*%REC*	1	9/21/2020 10:54 PM
Surr: Dibromofluoromethane	*98.4*		*85-115*	*%REC*	1	9/21/2020 10:54 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-OW6(63)-G091320 **Lab ID:** 20091364-12
Collection Date: 9/13/2020 11:58 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*97.6*		*85-110*	*%REC*	1	9/21/2020 10:54 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-OW6(63)-G091320R **Lab ID:** 20091364-13
Collection Date: 9/13/2020 11:58 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 11:18 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 11:18 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Acetone	ND		10	µg/L	1	9/21/2020 11:18 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 11:18 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 11:18 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 11:18 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 11:18 PM
Surr: 1,2-Dichloroethane-d4	*89.6*		*75-120*	*%REC*	1	9/21/2020 11:18 PM
Surr: 4-Bromofluorobenzene	*101*		*80-110*	*%REC*	1	9/21/2020 11:18 PM
Surr: Dibromofluoromethane	*96.5*		*85-115*	*%REC*	1	9/21/2020 11:18 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-OW6(63)-G091320R **Lab ID:** 20091364-13
Collection Date: 9/13/2020 11:58 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*101*		*85-110*	*%REC*	1	9/21/2020 11:18 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-EB001-091320 **Lab ID:** 20091364-14
Collection Date: 9/13/2020 01:55 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 05:39 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 05:39 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Acetone	ND		10	µg/L	1	9/21/2020 05:39 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Carbon disulfide	**2.8**		**1.0**	**µg/L**	1	9/21/2020 05:39 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 05:39 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 05:39 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 05:39 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 05:39 PM
Surr: 1,2-Dichloroethane-d4	*83.9*		*75-120*	*%REC*	1	9/21/2020 05:39 PM
Surr: 4-Bromofluorobenzene	*87.4*		*80-110*	*%REC*	1	9/21/2020 05:39 PM
Surr: Dibromofluoromethane	*88.0*		*85-115*	*%REC*	1	9/21/2020 05:39 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-EB001-091320 **Lab ID:** 20091364-14
Collection Date: 9/13/2020 01:55 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*88.8*		*85-110*	*%REC*	1	9/21/2020 05:39 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-TB001-091320 **Lab ID:** 20091364-15
Collection Date: 9/13/2020 **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **BG**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
2-Butanone	ND		5.0	µg/L	1	9/21/2020 06:04 PM
2-Hexanone	ND		5.0	µg/L	1	9/21/2020 06:04 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Acetone	ND		10	µg/L	1	9/21/2020 06:04 PM
Benzene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Bromoform	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Bromomethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Carbon disulfide	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Chlorobenzene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Chloroethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Chloroform	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Chloromethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Ethylbenzene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
m,p-Xylene	ND		2.0	µg/L	1	9/21/2020 06:04 PM
Methylene chloride	ND		5.0	µg/L	1	9/21/2020 06:04 PM
o-Xylene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Styrene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Toluene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Trichloroethene	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Vinyl chloride	ND		1.0	µg/L	1	9/21/2020 06:04 PM
Xylenes, Total	ND		3.0	µg/L	1	9/21/2020 06:04 PM
Surr: 1,2-Dichloroethane-d4	*93.7*		*75-120*	*%REC*	1	9/21/2020 06:04 PM
Surr: 4-Bromofluorobenzene	*100*		*80-110*	*%REC*	1	9/21/2020 06:04 PM
Surr: Dibromofluoromethane	*99.6*		*85-115*	*%REC*	1	9/21/2020 06:04 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: TFS Annual Stability (3359-15-1040) **Work Order:** 20091364
Sample ID: ATR-TB001-091320 **Lab ID:** 20091364-15
Collection Date: 9/13/2020 **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*115*	S	*85-110*	*%REC*	1	9/21/2020 06:04 PM

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

Batch ID: **R298562a** Instrument ID **VMS6** Method: **SW8260C**

MBLK Sample ID: **VBLKW1-200921-R298562a** Units: **µg/L** Analysis Date: **9/21/2020 05:15 PM**

Client ID: Run ID: **VMS6_200921A** SeqNo: **6725341** 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	*18.32*	0	*20*	0	*91.6*	*75-120*		0		
Surr: 4-Bromofluorobenzene	*19.91*	0	*20*	0	*99.6*	*80-110*		0		
Surr: Dibromofluoromethane	*19.51*	0	*20*	0	*97.6*	*85-115*		0		
Surr: Toluene-d8	*20.24*	0	*20*	0	*101*	*85-110*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 20091364
Project: TFS Annual Stability (3359-15-1040)

QC BATCH REPORT

Batch ID: **R298562a** Instrument ID **VMS6** Method: **SW8260C**

LCS	Sample ID: **VLCSW2-200921-R298562a**				Units: **µg/L**			Analysis Date: **9/21/2020 04:27 PM**			
Client ID:		Run ID: **VMS6_200921A**			SeqNo: **6725340**		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	19.22	1.0	20	0	96.1	75-130	0			
1,1,2,2-Tetrachloroethane	19.23	1.0	20	0	96.2	75-130	0			
1,1,2-Trichloroethane	20	1.0	20	0	100	75-125	0			
1,1-Dichloroethane	18.59	1.0	20	0	93	68-142	0			
1,1-Dichloroethene	18.93	1.0	20	0	94.6	70-145	0			
1,2-Dichloroethane	17.71	1.0	20	0	88.6	78-125	0			
1,2-Dichloropropane	18.44	1.0	20	0	92.2	75-125	0			
2-Butanone	16.01	5.0	20	0	80	55-150	0			
2-Hexanone	16.7	5.0	20	0	83.5	60-135	0			
4-Methyl-2-pentanone	22.81	1.0	20	0	114	77-178	0			
Acetone	16.2	10	20	0	81	60-160	0			
Benzene	18.86	1.0	20	0	94.3	70-130	0			
Bromodichloromethane	18.71	1.0	20	0	93.6	75-125	0			
Bromoform	18.59	1.0	20	0	93	60-125	0			
Bromomethane	19.47	1.0	20	0	97.4	30-185	0			
Carbon disulfide	19.4	1.0	20	0	97	60-165	0			
Carbon tetrachloride	19.3	1.0	20	0	96.5	65-140	0			
Chlorobenzene	19.87	1.0	20	0	99.4	80-120	0			
Chloroethane	21.64	1.0	20	0	108	31-172	0			
Chloroform	17.91	1.0	20	0	89.6	66-135	0			
Chloromethane	16.61	1.0	20	0	83	46-148	0			
cis-1,2-Dichloroethene	19.97	1.0	20	0	99.8	75-134	0			
cis-1,3-Dichloropropene	18.37	1.0	20	0	91.8	70-130	0			
Dibromochloromethane	17.19	1.0	20	0	86	60-115	0			
Ethylbenzene	19.88	1.0	20	0	99.4	76-123	0			
m,p-Xylene	40.16	2.0	40	0	100	75-130	0			
Methylene chloride	16.11	5.0	20	0	80.6	72-125	0			
o-Xylene	19.81	1.0	20	0	99	76-127	0			
Styrene	20.3	1.0	20	0	102	83-137	0			
Tetrachloroethene	21.22	1.0	20	0	106	68-166	0			
Toluene	19.71	1.0	20	0	98.6	76-125	0			
trans-1,2-Dichloroethene	19.27	1.0	20	0	96.4	80-140	0			
trans-1,3-Dichloropropene	16.62	1.0	20	0	83.1	56-132	0			
Trichloroethene	19.04	1.0	20	0	95.2	77-125	0			
Vinyl chloride	17.97	1.0	20	0	89.8	50-136	0			
Xylenes, Total	59.97	3.0	60	0	100	76-127	0			
Surr: 1,2-Dichloroethane-d4	*18.44*	0	*20*	0	*92.2*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.05*	0	*20*	0	*100*	*80-110*	0			
Surr: Dibromofluoromethane	*20.15*	0	*20*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*20*	0	*20*	0	*100*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 20091364
Project: TFS Annual Stability (3359-15-1040)

QC BATCH REPORT

Batch ID: **R298562a** Instrument ID **VMS6** Method: **SW8260C**

MS Sample ID: **20091364-02A MS** Units: **µg/L** Analysis Date: **9/22/2020 01:43 AM**

Client ID: **ATR-MW20(51)-G091320** Run ID: **VMS6_200921A** SeqNo: **6725360** 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	17.6	1.0	20	0	88	75-130	0			
1,1,2,2-Tetrachloroethane	19.84	1.0	20	0	99.2	75-130	0			
1,1,2-Trichloroethane	17.38	1.0	20	0	86.9	75-125	0			
1,1-Dichloroethane	22.51	1.0	20	0	113	68-142	0			
1,1-Dichloroethene	24.93	1.0	20	0	125	70-145	0			
1,2-Dichloroethane	20.29	1.0	20	0	101	78-125	0			
1,2-Dichloropropane	20.01	1.0	20	0	100	75-125	0			
2-Butanone	21.82	5.0	20	0	109	55-150	0			
2-Hexanone	15.52	5.0	20	0	77.6	60-135	0			
4-Methyl-2-pentanone	20.55	1.0	20	0	103	77-178	0			
Acetone	22.74	10	20	1.62	106	60-160	0			
Benzene	17.99	1.0	20	0	90	70-130	0			
Bromodichloromethane	19.21	1.0	20	0	96	75-125	0			
Bromoform	16.66	1.0	20	0	83.3	60-125	0			
Bromomethane	13.66	1.0	20	0	68.3	30-185	0			
Carbon disulfide	23.52	1.0	20	0	118	60-165	0			
Carbon tetrachloride	17.6	1.0	20	0	88	65-140	0			
Chlorobenzene	19.99	1.0	20	0	100	80-120	0			
Chloroethane	27.89	1.0	20	0	139	31-172	0			
Chloroform	18.5	1.0	20	0	92.5	66-135	0			
Chloromethane	20.03	1.0	20	0	100	46-148	0			
cis-1,2-Dichloroethene	22.33	1.0	20	0	112	75-134	0			
cis-1,3-Dichloropropene	14.77	1.0	20	0	73.8	70-130	0			
Dibromochloromethane	14.72	1.0	20	0	73.6	60-115	0			
Ethylbenzene	20.92	1.0	20	0	105	76-123	0			
m,p-Xylene	41.46	2.0	40	0	104	75-130	0			
Methylene chloride	20.56	5.0	20	0	103	72-125	0			
o-Xylene	20.46	1.0	20	0	102	76-127	0			
Styrene	19.84	1.0	20	0	99.2	83-137	0			
Tetrachloroethene	19.63	1.0	20	0	98.2	68-166	0			
Toluene	18.39	1.0	20	0	92	76-125	0			
trans-1,2-Dichloroethene	23.74	1.0	20	0	119	80-140	0			
trans-1,3-Dichloropropene	13.27	1.0	20	0	66.4	56-132	0			
Trichloroethene	19.91	1.0	20	0	99.6	77-125	0			
Vinyl chloride	63.39	1.0	20	32.61	154	50-136	0			S
Xylenes, Total	61.92	3.0	60	0	103	76-127	0			
Surr: 1,2-Dichloroethane-d4	*16.33*	0	*20*	0	*81.6*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.72*	0	*20*	0	*98.6*	*80-110*	0			
Surr: Dibromofluoromethane	*17.94*	0	*20*	0	*89.7*	*85-115*	0			
Surr: Toluene-d8	*17.94*	0	*20*	0	*89.7*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 20091364
Project: TFS Annual Stability (3359-15-1040)

QC BATCH REPORT

Batch ID: **R298562a** Instrument ID **VMS6** Method: **SW8260C**

MSD Sample ID: **20091364-02A MSD** Units: **µg/L** Analysis Date: **9/22/2020 02:07 AM**

Client ID: **ATR-MW20(51)-G091320** Run ID: **VMS6_200921A** SeqNo: **6725361** 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	17.98	1.0	20	0	89.9	75-130	17.6	2.14	30	
1,1,2,2-Tetrachloroethane	20.15	1.0	20	0	101	75-130	19.84	1.55	30	
1,1,2-Trichloroethane	19.94	1.0	20	0	99.7	75-125	17.38	13.7	30	
1,1-Dichloroethane	19.3	1.0	20	0	96.5	68-142	22.51	15.4	30	
1,1-Dichloroethene	20.1	1.0	20	0	100	70-145	24.93	21.5	30	
1,2-Dichloroethane	19.84	1.0	20	0	99.2	78-125	20.29	2.24	30	
1,2-Dichloropropane	20	1.0	20	0	100	75-125	20.01	0.05	30	
2-Butanone	15.61	5.0	20	0	78	55-150	21.82	33.2	30	R
2-Hexanone	18.93	5.0	20	0	94.6	60-135	15.52	19.8	30	
4-Methyl-2-pentanone	25.38	1.0	20	0	127	77-178	20.55	21	30	
Acetone	16.63	10	20	1.62	75	60-160	22.74	31	30	R
Benzene	20.85	1.0	20	0	104	70-130	17.99	14.7	30	
Bromodichloromethane	19.78	1.0	20	0	98.9	75-125	19.21	2.92	30	
Bromoform	17.13	1.0	20	0	85.6	60-125	16.66	2.78	30	
Bromomethane	14.07	1.0	20	0	70.4	30-185	13.66	2.96	30	
Carbon disulfide	20.5	1.0	20	0	102	60-165	23.52	13.7	30	
Carbon tetrachloride	20.63	1.0	20	0	103	65-140	17.6	15.9	30	
Chlorobenzene	20.44	1.0	20	0	102	80-120	19.99	2.23	30	
Chloroethane	19.94	1.0	20	0	99.7	31-172	27.89	33.2	30	R
Chloroform	18.7	1.0	20	0	93.5	66-135	18.5	1.08	30	
Chloromethane	17.43	1.0	20	0	87.2	46-148	20.03	13.9	30	
cis-1,2-Dichloroethene	18.44	1.0	20	0	92.2	75-134	22.33	19.1	30	
cis-1,3-Dichloropropene	18.68	1.0	20	0	93.4	70-130	14.77	23.4	30	
Dibromochloromethane	16.77	1.0	20	0	83.8	60-115	14.72	13	30	
Ethylbenzene	21.16	1.0	20	0	106	76-123	20.92	1.14	30	
m,p-Xylene	41.93	2.0	40	0	105	75-130	41.46	1.13	30	
Methylene chloride	16.48	5.0	20	0	82.4	72-125	20.56	22	30	
o-Xylene	20.76	1.0	20	0	104	76-127	20.46	1.46	30	
Styrene	20.32	1.0	20	0	102	83-137	19.84	2.39	30	
Tetrachloroethene	20.67	1.0	20	0	103	68-166	19.63	5.16	30	
Toluene	21.43	1.0	20	0	107	76-125	18.39	15.3	30	
trans-1,2-Dichloroethene	19.59	1.0	20	0	98	80-140	23.74	19.2	30	
trans-1,3-Dichloropropene	16.67	1.0	20	0	83.4	56-132	13.27	22.7	30	
Trichloroethene	19.54	1.0	20	0	97.7	77-125	19.91	1.88	30	
Vinyl chloride	49.89	1.0	20	32.61	86.4	50-136	63.39	23.8	30	
Xylenes, Total	62.69	3.0	60	0	104	76-127	61.92	1.24	30	
Surr: 1,2-Dichloroethane-d4	*20.85*	0	*20*	0	*104*	*75-120*	16.33	*24.3*	*30*	
Surr: 4-Bromofluorobenzene	*20.86*	0	*20*	0	*104*	*80-110*	19.72	*5.62*	*30*	
Surr: Dibromofluoromethane	*19.61*	0	*20*	0	*98*	*85-115*	17.94	*8.89*	*30*	
Surr: Toluene-d8	*20.43*	0	*20*	0	*102*	*85-110*	17.94	*13*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 20091364
Project: TFS Annual Stability (3359-15-1040)

QC BATCH REPORT

Batch ID: **R298562a** Instrument ID **VMS6** Method: **SW8260C**

The following samples were analyzed in this batch:

20091364-01A	20091364-02A	20091364-03A
20091364-04A	20091364-05A	20091364-06A
20091364-07A	20091364-08A	20091364-09A
20091364-10A	20091364-11A	20091364-12A
20091364-13A	20091364-14A	20091364-15A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Spring City, PA +1 610 948 4903
South Charleston, WV +1 304 356 3168
Middletown, PA +1 717 944 5541
Salt Lake City, UT +1 801 266 7700
York, PA +1 717 505 5280

Chain of Custody Form

Page 1 of 2

COC ID: 222943

ALS Project Manager: EB

ALS Work Order #: 2009 1364

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	~~C0126091105~~ C0126091102	Project Name	TPS Annual Stability	A	VOCs Method 8260
Work Order		Project Number		B	
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C	
Send Report To	Paul Shirk	Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address	paul.shirk@woodplc.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	ATR-MW6C-G091320	09/13/20	1607	GW	1	3	X										
2	ATR-MW20(51)-G091320	09/13/20	1652	GW	1	9	X						use for MS/MSD				
3	ATR-MW14-G091420	09/14/20	0826	GW	1	3	X										
4	ATR-MW15-G091420	09/14/20	0930	GW	1	3	X										
5	ATR-MW25(16.4)-G091420	09/14/20	1157	GW	1	3	X										
6	ATR-MW25(32.6)-G091420	09/14/20	1111	GW	1	3	X										
7	ATR-MW25(82)-G091420	09/14/20	1027	GW	1	3	X										
8	ATR-MW26(17.5)-G091420	09/14/20	1208	GW	1	3	X										
9	ATR-MW26(28.8)-G091420	09/14/20	1118	GW	1	3	X										
10	ATR-MW26(58.2)-G091420	09/14/20	1040	GW	1	3	X										

Sampler(s) Please Print & Sign

Shipment Method

Required Turnaround Time: (Check Box) ☒ Std 10 WK Days ☑ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date: 09/15/20	Time: 1225	Received by:	Notes:
Relinquished by:	Date: 9/16/2020	Time: 1500	Received by (Laboratory):	
Logged by (Laboratory): MJG	Date: 9/17/20	Time: 9:18	Checked by (Laboratory): EB	

Cooler ID	Cooler Temp.
	2.0°C
	IR1

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☑ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
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Holland, MI +1 616 399 6070
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Spring City, PA +1 610 948 4903
South Charleston, WV +1 304 356 3168
Middletown, PA +1 717 944 5541
Salt Lake City, UT +1 801 266 7700
York, PA +1 717 505 5280

Chain of Custody Form

Page 2 of 2

COC ID: 222942

ALS Project Manager: EB

ALS Work Order #: 2009 1364

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	C0126091602	Project Name	TPS Stability	A	VOCs Method 8260
Work Order		Project Number	3359-15-1040	B	
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	ATR-OW6(37)-G091320	09/13/20	1250	GW	1	3	X										
2	ATR-OW6(63)-G091320	09/13/20	1158	GW	1	3	X										
3	ATR-OW6(63)-G091320R	09/13/20	1158	GW	1	3	X										
4	ATR-EB001-091320	09/13/20	1355	GW	1	3	X										
5	ATR-TB001-091320						X										
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign

Shipment Method

Required Turnaround Time: (Check Box) X Std 10 WK Days ☑ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date: 09/15/20	Time: 1225	Received by:	
Relinquished by:	Date: 9/16/2020	Time: 1500	Received by (Laboratory):	
Logged by (Laboratory): MJG	Date: 9/17/20	Time: 7:18	Checked by (Laboratory): EB	

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Notes:

Cooler ID	Cooler Temp.
	2.0°C
	IR1

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☑ Level IV SW846/CLP
☐ Other

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ALS Group, USA

Sample Receipt Checklist

Client Name: **WOOD-DAYTON** Date/Time Received: **16-Sep-20 11:30**

Work Order: **20091364** Received by: **MJG**

Checklist completed by Matthew Gaylord (eSignature) 17-Sep-20 (Date) Reviewed by: Ehrland Bosworth (eSignature) 17-Sep-20 (Date)

Matrices: Groundwater
Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.0/2.0C	IR1	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	9/17/2020 9:21:15 AM		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

25-Sep-2020

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

Re: **Textron Stability (3359-15-1040)** Work Order: **20091366**

Dear Paul,

ALS Environmental received 20 samples on 17-Sep-2020 09:31 AM for the analyses presented in the following report.

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

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

The total number of pages in this report is 58.

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,

Ehrland Bosworth

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS Group, USA

Date: 25-Sep-20

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040)
Work Order: **20091366**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
20091366-01	ATR-OW1(39)-G091320	Groundwater		9/13/2020 11:33	9/17/2020 09:31	☐
20091366-02	ATR-OW2(33)-G091320	Groundwater		9/13/2020 12:32	9/17/2020 09:31	☐
20091366-03	ATR-OW2(53)-G091320	Groundwater		9/13/2020 13:22	9/17/2020 09:31	☐
20091366-04	ATR-OW3(35)-G091320	Groundwater		9/13/2020 14:17	9/17/2020 09:31	☐
20091366-05	ATR-OW3(55)-G091320	Groundwater		9/13/2020 15:02	9/17/2020 09:31	☐
20091366-06	ATR-OW4(35)-G091320	Groundwater		9/13/2020 15:55	9/17/2020 09:31	☐
20091366-07	ATR-OW4(54)-G091320	Groundwater		9/13/2020 16:52	9/17/2020 09:31	☐
20091366-08	ATR-OW5(16)-G091320	Groundwater		9/13/2020 14:25	9/17/2020 09:31	☐
20091366-09	ATR-OW5(35)-G091320	Groundwater		9/13/2020 13:48	9/17/2020 09:31	☐
20091366-10	ATR-OW5(44)-G091320	Groundwater		9/13/2020 14:58	9/17/2020 09:31	☐
20091366-11	ATR-MW27(18)-G091420	Groundwater		9/14/2020 09:15	9/17/2020 09:31	☐
20091366-12	ATR-MW59(29)-G091420	Groundwater		9/14/2020 13:37	9/17/2020 09:31	☐
20091366-13	ATR-MW59(46)-G091420	Groundwater		9/14/2020 14:25	9/17/2020 09:31	☐
20091366-14	ATR-MW68(32)-G091420	Groundwater		9/14/2020 17:20	9/17/2020 09:31	☐
20091366-15	ATR-MW72(32)-G091420	Groundwater		9/14/2020 16:55	9/17/2020 09:31	☐
20091366-16	ATR-MW81(27)-G091420	Groundwater		9/14/2020 13:47	9/17/2020 09:31	☐
20091366-17	ATR-MW82(58)-G091420	Groundwater		9/14/2020 14:47	9/17/2020 09:31	☐
20091366-18	ATR-MW17-G091420	Groundwater		9/14/2020 08:30	9/17/2020 09:31	☐
20091366-19	ATR-MW59(29)-G091420R	Groundwater		9/14/2020 13:37	9/17/2020 09:31	☐
20091366-20	ATR-EB001-G091420	Groundwater		9/14/2020 08:39	9/17/2020 09:31	☐

ALS Group, USA

Date: 25-Sep-20

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040)
WorkOrder: **20091366**

QUALIFIERS, ACRONYMS, UNITS

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

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

Units Reported	Description
µg/L	Micrograms per Liter

Client:	Wood Environment & Infrastructure Solutions, Inc
Project:	Textron Stability (3359-15-1040)
Work Order:	20091366

Case Narrative

Samples for the above noted Work Order were received on 09/17/2020. 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 R298828, Method SW8260C, Sample ATR-MW82(58)-G091420 (20091366-17A): One or more surrogate recoveries were above the upper control limits. The sample was non-detect, therefore, no qualification is needed.

Batch R298904A, Method SW8260C, Sample ATR-MW59(46)-G091420 (20091366-13A): The Continuing Calibration Verification did not meet method acceptance criteria for the following analytes, results are to be considered estimated: Chloroethane

Batch R298904A, Method SW8260C, Sample ATR-MW72(32)-G091420 (20091366-15A): The Continuing Calibration Verification did not meet method acceptance criteria for the following analytes, results are to be considered estimated: Chloroethane

Batch R298904A, Method SW8260C, Sample ATR-MW68(32)-G091420 (20091366-14A): The Continuing Calibration Verification did not meet method acceptance criteria for the following analytes, results are to be considered estimated: Chloroethane

Batch R298904A, Method SW8260C, Sample ATR-MW81(27)-G091420 (20091366-16A): The Continuing Calibration Verification did not meet method acceptance criteria for the following analytes, results are to be considered estimated: Chloroethane

Batch R298904A, Method SW8260C, Sample ATR-MW59(46)-G091420 (20091366-13A): The Continuing Calibration Verification did not meet method acceptance criteria for the following analytes, results are to be considered estimated: Chloroethane

Batch R298904A, Method SW8260C, Sample 20091366-13A MS and -13A MSD: The VOC MS and/or MSD recoveries were below the lower control limit. The corresponding result in the parent sample may be biased low for cis-1,2-Dichlororethene and Vinyl Chloride.

Batch R298828, Method SW8260C, Sample 20091366-02A MS: The VOC MS recovery was above the upper control limit. The corresponding result in the parent sample may be biased high for Vinyl Chloride.

Batch R298904A, Method SW8260C, Sample 20091366-13A MS and -13A MSD: The VOC MS and/or MSD recoveries were above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary for Bromomethane.

No other deviations or anomalies were noted.

ALS Group, USA

Date: *25-Sep-20*

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW1(39)-G091320 **Lab ID:** 20091366-01
Collection Date: 9/13/2020 11:33 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 09:22 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 09:22 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Acetone	ND		10	µg/L	1	9/23/2020 09:22 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 09:22 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 09:22 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 09:22 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 09:22 PM
Surr: 1,2-Dichloroethane-d4	*108*		*75-120*	*%REC*	1	9/23/2020 09:22 PM
Surr: 4-Bromofluorobenzene	*87.5*		*80-110*	*%REC*	1	9/23/2020 09:22 PM
Surr: Dibromofluoromethane	*107*		*85-115*	*%REC*	1	9/23/2020 09:22 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW1(39)-G091320 **Lab ID:** 20091366-01
Collection Date: 9/13/2020 11:33 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*104*		*85-110*	*%REC*	1	9/23/2020 09:22 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW2(33)-G091320 **Lab ID:** 20091366-02
Collection Date: 9/13/2020 12:32 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 09:39 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 09:39 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Acetone	ND		10	µg/L	1	9/23/2020 09:39 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 09:39 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 09:39 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 09:39 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 09:39 PM
Surr: 1,2-Dichloroethane-d4	*113*		*75-120*	*%REC*	1	9/23/2020 09:39 PM
Surr: 4-Bromofluorobenzene	*92.7*		*80-110*	*%REC*	1	9/23/2020 09:39 PM
Surr: Dibromofluoromethane	*108*		*85-115*	*%REC*	1	9/23/2020 09:39 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW2(33)-G091320 **Lab ID:** 20091366-02
Collection Date: 9/13/2020 12:32 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*103*		*85-110*	*%REC*	1	9/23/2020 09:39 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW2(53)-G091320 **Lab ID:** 20091366-03
Collection Date: 9/13/2020 01:22 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 09:55 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 09:55 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Acetone	ND		10	µg/L	1	9/23/2020 09:55 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 09:55 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 09:55 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 09:55 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 09:55 PM
Surr: 1,2-Dichloroethane-d4	*113*		*75-120*	*%REC*	1	9/23/2020 09:55 PM
Surr: 4-Bromofluorobenzene	*91.6*		*80-110*	*%REC*	1	9/23/2020 09:55 PM
Surr: Dibromofluoromethane	*106*		*85-115*	*%REC*	1	9/23/2020 09:55 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW2(53)-G091320 **Lab ID:** 20091366-03
Collection Date: 9/13/2020 01:22 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*106*		*85-110*	*%REC*	1	9/23/2020 09:55 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW3(35)-G091320 **Lab ID:** 20091366-04
Collection Date: 9/13/2020 02:17 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 10:12 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 10:12 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Acetone	ND		10	µg/L	1	9/23/2020 10:12 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 10:12 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 10:12 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 10:12 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 10:12 PM
Surr: 1,2-Dichloroethane-d4	*111*		*75-120*	*%REC*	1	9/23/2020 10:12 PM
Surr: 4-Bromofluorobenzene	*88.2*		*80-110*	*%REC*	1	9/23/2020 10:12 PM
Surr: Dibromofluoromethane	*107*		*85-115*	*%REC*	1	9/23/2020 10:12 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW3(35)-G091320 **Lab ID:** 20091366-04
Collection Date: 9/13/2020 02:17 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*102*		*85-110*	*%REC*	1	9/23/2020 10:12 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW3(55)-G091320 **Lab ID:** 20091366-05
Collection Date: 9/13/2020 03:02 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 10:28 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 10:28 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Acetone	ND		10	µg/L	1	9/23/2020 10:28 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 10:28 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 10:28 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 10:28 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 10:28 PM
Surr: 1,2-Dichloroethane-d4	*115*		*75-120*	*%REC*	1	9/23/2020 10:28 PM
Surr: 4-Bromofluorobenzene	*87.6*		*80-110*	*%REC*	1	9/23/2020 10:28 PM
Surr: Dibromofluoromethane	*110*		*85-115*	*%REC*	1	9/23/2020 10:28 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW3(55)-G091320 **Lab ID:** 20091366-05
Collection Date: 9/13/2020 03:02 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*103*		*85-110*	*%REC*	1	9/23/2020 10:28 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW4(35)-G091320 **Lab ID:** 20091366-06
Collection Date: 9/13/2020 03:55 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 10:44 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 10:44 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Acetone	ND		10	µg/L	1	9/23/2020 10:44 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 10:44 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 10:44 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 10:44 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 10:44 PM
Surr: 1,2-Dichloroethane-d4	*110*		*75-120*	*%REC*	1	9/23/2020 10:44 PM
Surr: 4-Bromofluorobenzene	*96.4*		*80-110*	*%REC*	1	9/23/2020 10:44 PM
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	1	9/23/2020 10:44 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW4(35)-G091320 **Lab ID:** 20091366-06
Collection Date: 9/13/2020 03:55 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*97.6*		*85-110*	*%REC*	1	9/23/2020 10:44 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW4(54)-G091320 **Lab ID:** 20091366-07
Collection Date: 9/13/2020 04:52 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 11:01 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 11:01 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Acetone	ND		10	µg/L	1	9/23/2020 11:01 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 11:01 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 11:01 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 11:01 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 11:01 PM
Surr: 1,2-Dichloroethane-d4	*113*		*75-120*	*%REC*	1	9/23/2020 11:01 PM
Surr: 4-Bromofluorobenzene	*87.2*		*80-110*	*%REC*	1	9/23/2020 11:01 PM
Surr: Dibromofluoromethane	*114*		*85-115*	*%REC*	1	9/23/2020 11:01 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW4(54)-G091320 **Lab ID:** 20091366-07
Collection Date: 9/13/2020 04:52 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*104*		*85-110*	*%REC*	1	9/23/2020 11:01 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW5(16)-G091320 **Lab ID:** 20091366-08
Collection Date: 9/13/2020 02:25 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 11:17 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 11:17 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Acetone	ND		10	µg/L	1	9/23/2020 11:17 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 11:17 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 11:17 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 11:17 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 11:17 PM
Surr: 1,2-Dichloroethane-d4	*112*		*75-120*	*%REC*	1	9/23/2020 11:17 PM
Surr: 4-Bromofluorobenzene	*89.7*		*80-110*	*%REC*	1	9/23/2020 11:17 PM
Surr: Dibromofluoromethane	*110*		*85-115*	*%REC*	1	9/23/2020 11:17 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW5(16)-G091320 **Lab ID:** 20091366-08
Collection Date: 9/13/2020 02:25 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*105*		*85-110*	*%REC*	1	9/23/2020 11:17 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW5(35)-G091320 **Lab ID:** 20091366-09
Collection Date: 9/13/2020 01:48 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 11:34 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 11:34 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Acetone	ND		10	µg/L	1	9/23/2020 11:34 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 11:34 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 11:34 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 11:34 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 11:34 PM
Surr: 1,2-Dichloroethane-d4	*110*		*75-120*	*%REC*	1	9/23/2020 11:34 PM
Surr: 4-Bromofluorobenzene	*87.2*		*80-110*	*%REC*	1	9/23/2020 11:34 PM
Surr: Dibromofluoromethane	*107*		*85-115*	*%REC*	1	9/23/2020 11:34 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW5(35)-G091320 **Lab ID:** 20091366-09
Collection Date: 9/13/2020 01:48 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*101*		*85-110*	*%REC*	1	9/23/2020 11:34 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW5(44)-G091320 **Lab ID:** 20091366-10
Collection Date: 9/13/2020 02:58 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 11:50 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 11:50 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Acetone	ND		10	µg/L	1	9/23/2020 11:50 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 11:50 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 11:50 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 11:50 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 11:50 PM
Surr: 1,2-Dichloroethane-d4	*116*		*75-120*	*%REC*	1	9/23/2020 11:50 PM
Surr: 4-Bromofluorobenzene	*88.7*		*80-110*	*%REC*	1	9/23/2020 11:50 PM
Surr: Dibromofluoromethane	*110*		*85-115*	*%REC*	1	9/23/2020 11:50 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-OW5(44)-G091320 **Lab ID:** 20091366-10
Collection Date: 9/13/2020 02:58 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*97.8*		*85-110*	*%REC*	1	9/23/2020 11:50 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW27(18)-G091420 **Lab ID:** 20091366-11
Collection Date: 9/14/2020 09:15 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
2-Butanone	ND		5.0	µg/L	1	9/24/2020 12:07 AM
2-Hexanone	ND		5.0	µg/L	1	9/24/2020 12:07 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Acetone	ND		10	µg/L	1	9/24/2020 12:07 AM
Benzene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Bromodichloromethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Bromoform	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Bromomethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Carbon disulfide	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Carbon tetrachloride	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Chlorobenzene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Chloroethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Chloroform	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Chloromethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Dibromochloromethane	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Ethylbenzene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
m,p-Xylene	ND		2.0	µg/L	1	9/24/2020 12:07 AM
Methylene chloride	ND		5.0	µg/L	1	9/24/2020 12:07 AM
o-Xylene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Styrene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Tetrachloroethene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Toluene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Trichloroethene	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Vinyl chloride	ND		1.0	µg/L	1	9/24/2020 12:07 AM
Xylenes, Total	ND		3.0	µg/L	1	9/24/2020 12:07 AM
Surr: 1,2-Dichloroethane-d4	*114*		*75-120*	*%REC*	1	9/24/2020 12:07 AM
Surr: 4-Bromofluorobenzene	*88.2*		*80-110*	*%REC*	1	9/24/2020 12:07 AM
Surr: Dibromofluoromethane	*111*		*85-115*	*%REC*	1	9/24/2020 12:07 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW27(18)-G091420 **Lab ID:** 20091366-11
Collection Date: 9/14/2020 09:15 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*102*		*85-110*	*%REC*	1	9/24/2020 12:07 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW59(29)-G091420 **Lab ID:** 20091366-12
Collection Date: 9/14/2020 01:37 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
2-Butanone	ND		5.0	µg/L	1	9/24/2020 12:23 AM
2-Hexanone	ND		5.0	µg/L	1	9/24/2020 12:23 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Acetone	ND		10	µg/L	1	9/24/2020 12:23 AM
Benzene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Bromodichloromethane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Bromoform	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Bromomethane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Carbon disulfide	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Carbon tetrachloride	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Chlorobenzene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Chloroethane	**1.7**		**1.0**	**µg/L**	1	9/24/2020 12:23 AM
Chloroform	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Chloromethane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Dibromochloromethane	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Ethylbenzene	**1.3**		**1.0**	**µg/L**	1	9/24/2020 12:23 AM
m,p-Xylene	**4.2**		**2.0**	**µg/L**	1	9/24/2020 12:23 AM
Methylene chloride	ND		5.0	µg/L	1	9/24/2020 12:23 AM
o-Xylene	**2.5**		**1.0**	**µg/L**	1	9/24/2020 12:23 AM
Styrene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Tetrachloroethene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Toluene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Trichloroethene	ND		1.0	µg/L	1	9/24/2020 12:23 AM
Vinyl chloride	**2.5**		**1.0**	**µg/L**	1	9/24/2020 12:23 AM
Xylenes, Total	**6.6**		**3.0**	**µg/L**	1	9/24/2020 12:23 AM
Surr: 1,2-Dichloroethane-d4	*118*		*75-120*	*%REC*	1	9/24/2020 12:23 AM
Surr: 4-Bromofluorobenzene	*98.6*		*80-110*	*%REC*	1	9/24/2020 12:23 AM
Surr: Dibromofluoromethane	*111*		*85-115*	*%REC*	1	9/24/2020 12:23 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW59(29)-G091420 **Lab ID:** 20091366-12
Collection Date: 9/14/2020 01:37 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*98.0*		*85-110*	*%REC*	1	9/24/2020 12:23 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW59(46)-G091420 **Lab ID:** 20091366-13
Collection Date: 9/14/2020 02:25 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
1,1-Dichloroethene	**130**		**10**	**µg/L**	10	9/25/2020 03:14 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
2-Butanone	ND		5.0	µg/L	1	9/24/2020 12:40 AM
2-Hexanone	ND		5.0	µg/L	1	9/24/2020 12:40 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Acetone	ND		10	µg/L	1	9/24/2020 12:40 AM
Benzene	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Bromodichloromethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Bromoform	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Bromomethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Carbon disulfide	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Carbon tetrachloride	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Chlorobenzene	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Chloroethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Chloroform	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Chloromethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
cis-1,2-Dichloroethene	**2,800**		**100**	**µg/L**	100	9/25/2020 02:09 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Dibromochloromethane	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Ethylbenzene	**6.0**		**1.0**	**µg/L**	1	9/24/2020 12:40 AM
m,p-Xylene	**4.1**		**2.0**	**µg/L**	1	9/24/2020 12:40 AM
Methylene chloride	ND		5.0	µg/L	1	9/24/2020 12:40 AM
o-Xylene	**5.2**		**1.0**	**µg/L**	1	9/24/2020 12:40 AM
Styrene	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Tetrachloroethene	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Toluene	**5.8**		**1.0**	**µg/L**	1	9/24/2020 12:40 AM
trans-1,2-Dichloroethene	**23**		**1.0**	**µg/L**	1	9/24/2020 12:40 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 12:40 AM
Trichloroethene	**380**		**10**	**µg/L**	10	9/25/2020 03:14 AM
Vinyl chloride	**1,100**		**100**	**µg/L**	100	9/25/2020 02:09 AM
Xylenes, Total	**9.4**		**3.0**	**µg/L**	1	9/24/2020 12:40 AM
Surr: 1,2-Dichloroethane-d4	*101*		*75-120*	*%REC*	10	9/25/2020 03:14 AM
Surr: 1,2-Dichloroethane-d4	*103*		*75-120*	*%REC*	100	9/25/2020 02:09 AM
Surr: 1,2-Dichloroethane-d4	*113*		*75-120*	*%REC*	1	9/24/2020 12:40 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW59(46)-G091420 **Lab ID:** 20091366-13
Collection Date: 9/14/2020 02:25 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	*90.2*		*80-110*	*%REC*	1	9/24/2020 12:40 AM
Surr: 4-Bromofluorobenzene	*95.0*		*80-110*	*%REC*	100	9/25/2020 02:09 AM
Surr: 4-Bromofluorobenzene	*95.0*		*80-110*	*%REC*	10	9/25/2020 03:14 AM
Surr: Dibromofluoromethane	*108*		*85-115*	*%REC*	1	9/24/2020 12:40 AM
Surr: Dibromofluoromethane	*99.0*		*85-115*	*%REC*	100	9/25/2020 02:09 AM
Surr: Dibromofluoromethane	*96.8*		*85-115*	*%REC*	10	9/25/2020 03:14 AM
Surr: Toluene-d8	*104*		*85-110*	*%REC*	1	9/24/2020 12:40 AM
Surr: Toluene-d8	*105*		*85-110*	*%REC*	100	9/25/2020 02:09 AM
Surr: Toluene-d8	*105*		*85-110*	*%REC*	10	9/25/2020 03:14 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW68(32)-G091420 **Lab ID:** 20091366-14
Collection Date: 9/14/2020 05:20 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
2-Butanone	ND		5.0	µg/L	1	9/25/2020 02:42 AM
2-Hexanone	ND		5.0	µg/L	1	9/25/2020 02:42 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Acetone	ND		10	µg/L	1	9/25/2020 02:42 AM
Benzene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Bromodichloromethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Bromoform	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Bromomethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Carbon disulfide	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Carbon tetrachloride	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Chlorobenzene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Chloroethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Chloroform	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Chloromethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
cis-1,2-Dichloroethene	**1.5**		**1.0**	**µg/L**	1	9/25/2020 02:42 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Dibromochloromethane	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Ethylbenzene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
m,p-Xylene	ND		2.0	µg/L	1	9/25/2020 02:42 AM
Methylene chloride	ND		5.0	µg/L	1	9/25/2020 02:42 AM
o-Xylene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Styrene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Tetrachloroethene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Toluene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Trichloroethene	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Vinyl chloride	ND		1.0	µg/L	1	9/25/2020 02:42 AM
Xylenes, Total	ND		3.0	µg/L	1	9/25/2020 02:42 AM
Surr: 1,2-Dichloroethane-d4	*103*		*75-120*	*%REC*	1	9/25/2020 02:42 AM
Surr: 4-Bromofluorobenzene	*95.6*		*80-110*	*%REC*	1	9/25/2020 02:42 AM
Surr: Dibromofluoromethane	*103*		*85-115*	*%REC*	1	9/25/2020 02:42 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW68(32)-G091420 **Lab ID:** 20091366-14
Collection Date: 9/14/2020 05:20 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*104*		*85-110*	*%REC*	1	9/25/2020 02:42 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW72(32)-G091420 **Lab ID:** 20091366-15
Collection Date: 9/14/2020 04:55 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
2-Butanone	ND		5.0	µg/L	1	9/25/2020 02:26 AM
2-Hexanone	ND		5.0	µg/L	1	9/25/2020 02:26 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Acetone	ND		10	µg/L	1	9/25/2020 02:26 AM
Benzene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Bromodichloromethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Bromoform	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Bromomethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Carbon disulfide	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Carbon tetrachloride	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Chlorobenzene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Chloroethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Chloroform	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Chloromethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Dibromochloromethane	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Ethylbenzene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
m,p-Xylene	ND		2.0	µg/L	1	9/25/2020 02:26 AM
Methylene chloride	ND		5.0	µg/L	1	9/25/2020 02:26 AM
o-Xylene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Styrene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Tetrachloroethene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Toluene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Trichloroethene	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Vinyl chloride	ND		1.0	µg/L	1	9/25/2020 02:26 AM
Xylenes, Total	ND		3.0	µg/L	1	9/25/2020 02:26 AM
Surr: 1,2-Dichloroethane-d4	*101*		*75-120*	*%REC*	1	9/25/2020 02:26 AM
Surr: 4-Bromofluorobenzene	*98.0*		*80-110*	*%REC*	1	9/25/2020 02:26 AM
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	1	9/25/2020 02:26 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW72(32)-G091420 **Lab ID:** 20091366-15
Collection Date: 9/14/2020 04:55 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*106*		*85-110*	*%REC*	1	9/25/2020 02:26 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW81(27)-G091420 **Lab ID:** 20091366-16
Collection Date: 9/14/2020 01:47 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
2-Butanone	ND		5.0	µg/L	1	9/25/2020 02:58 AM
2-Hexanone	ND		5.0	µg/L	1	9/25/2020 02:58 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Acetone	ND		10	µg/L	1	9/25/2020 02:58 AM
Benzene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Bromodichloromethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Bromoform	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Bromomethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Carbon disulfide	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Carbon tetrachloride	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Chlorobenzene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Chloroethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Chloroform	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Chloromethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Dibromochloromethane	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Ethylbenzene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
m,p-Xylene	ND		2.0	µg/L	1	9/25/2020 02:58 AM
Methylene chloride	ND		5.0	µg/L	1	9/25/2020 02:58 AM
o-Xylene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Styrene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Tetrachloroethene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Toluene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Trichloroethene	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Vinyl chloride	ND		1.0	µg/L	1	9/25/2020 02:58 AM
Xylenes, Total	ND		3.0	µg/L	1	9/25/2020 02:58 AM
Surr: 1,2-Dichloroethane-d4	*102*		*75-120*	*%REC*	1	9/25/2020 02:58 AM
Surr: 4-Bromofluorobenzene	*94.6*		*80-110*	*%REC*	1	9/25/2020 02:58 AM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	1	9/25/2020 02:58 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW81(27)-G091420 **Lab ID:** 20091366-16
Collection Date: 9/14/2020 01:47 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*103*		*85-110*	*%REC*	1	9/25/2020 02:58 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW82(58)-G091420 **Lab ID:** 20091366-17
Collection Date: 9/14/2020 02:47 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
2-Butanone	ND		5.0	µg/L	1	9/24/2020 01:45 AM
2-Hexanone	ND		5.0	µg/L	1	9/24/2020 01:45 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Acetone	ND		10	µg/L	1	9/24/2020 01:45 AM
Benzene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Bromodichloromethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Bromoform	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Bromomethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Carbon disulfide	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Carbon tetrachloride	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Chlorobenzene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Chloroethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Chloroform	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Chloromethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Dibromochloromethane	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Ethylbenzene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
m,p-Xylene	ND		2.0	µg/L	1	9/24/2020 01:45 AM
Methylene chloride	ND		5.0	µg/L	1	9/24/2020 01:45 AM
o-Xylene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Styrene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Tetrachloroethene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Toluene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Trichloroethene	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Vinyl chloride	ND		1.0	µg/L	1	9/24/2020 01:45 AM
Xylenes, Total	ND		3.0	µg/L	1	9/24/2020 01:45 AM
Surr: 1,2-Dichloroethane-d4	*121*	S	*75-120*	*%REC*	1	9/24/2020 01:45 AM
Surr: 4-Bromofluorobenzene	*90.2*		*80-110*	*%REC*	1	9/24/2020 01:45 AM
Surr: Dibromofluoromethane	*115*		*85-115*	*%REC*	1	9/24/2020 01:45 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW82(58)-G091420 **Lab ID:** 20091366-17
Collection Date: 9/14/2020 02:47 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*105*		*85-110*	*%REC*	1	9/24/2020 01:45 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW17-G091420 **Lab ID:** 20091366-18
Collection Date: 9/14/2020 08:30 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
2-Butanone	ND		5.0	µg/L	1	9/24/2020 02:02 AM
2-Hexanone	ND		5.0	µg/L	1	9/24/2020 02:02 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Acetone	ND		10	µg/L	1	9/24/2020 02:02 AM
Benzene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Bromodichloromethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Bromoform	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Bromomethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Carbon disulfide	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Carbon tetrachloride	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Chlorobenzene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Chloroethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Chloroform	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Chloromethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
cis-1,2-Dichloroethene	**19**		**1.0**	**µg/L**	1	9/24/2020 02:02 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Dibromochloromethane	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Ethylbenzene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
m,p-Xylene	ND		2.0	µg/L	1	9/24/2020 02:02 AM
Methylene chloride	ND		5.0	µg/L	1	9/24/2020 02:02 AM
o-Xylene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Styrene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Tetrachloroethene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Toluene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 02:02 AM
Trichloroethene	**24**		**1.0**	**µg/L**	1	9/24/2020 02:02 AM
Vinyl chloride	**3.1**		**1.0**	**µg/L**	1	9/24/2020 02:02 AM
Xylenes, Total	ND		3.0	µg/L	1	9/24/2020 02:02 AM
Surr: 1,2-Dichloroethane-d4	*116*		*75-120*	*%REC*	1	9/24/2020 02:02 AM
Surr: 4-Bromofluorobenzene	*86.0*		*80-110*	*%REC*	1	9/24/2020 02:02 AM
Surr: Dibromofluoromethane	*112*		*85-115*	*%REC*	1	9/24/2020 02:02 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW17-G091420 **Lab ID:** 20091366-18
Collection Date: 9/14/2020 08:30 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*103*		*85-110*	*%REC*	1	9/24/2020 02:02 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW59(29)-G091420R **Lab ID:** 20091366-19
Collection Date: 9/14/2020 01:37 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
2-Butanone	ND		5.0	µg/L	1	9/24/2020 02:18 AM
2-Hexanone	ND		5.0	µg/L	1	9/24/2020 02:18 AM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Acetone	ND		10	µg/L	1	9/24/2020 02:18 AM
Benzene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Bromodichloromethane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Bromoform	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Bromomethane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Carbon disulfide	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Carbon tetrachloride	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Chlorobenzene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Chloroethane	**2.2**		**1.0**	**µg/L**	1	9/24/2020 02:18 AM
Chloroform	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Chloromethane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
cis-1,2-Dichloroethene	**1.2**		**1.0**	**µg/L**	1	9/24/2020 02:18 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Dibromochloromethane	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Ethylbenzene	**1.2**		**1.0**	**µg/L**	1	9/24/2020 02:18 AM
m,p-Xylene	**3.7**		**2.0**	**µg/L**	1	9/24/2020 02:18 AM
Methylene chloride	ND		5.0	µg/L	1	9/24/2020 02:18 AM
o-Xylene	**2.3**		**1.0**	**µg/L**	1	9/24/2020 02:18 AM
Styrene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Tetrachloroethene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Toluene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Trichloroethene	ND		1.0	µg/L	1	9/24/2020 02:18 AM
Vinyl chloride	**3.0**		**1.0**	**µg/L**	1	9/24/2020 02:18 AM
Xylenes, Total	**6.0**		**3.0**	**µg/L**	1	9/24/2020 02:18 AM
Surr: 1,2-Dichloroethane-d4	*117*		*75-120*	*%REC*	1	9/24/2020 02:18 AM
Surr: 4-Bromofluorobenzene	*93.0*		*80-110*	*%REC*	1	9/24/2020 02:18 AM
Surr: Dibromofluoromethane	*108*		*85-115*	*%REC*	1	9/24/2020 02:18 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-MW59(29)-G091420R **Lab ID:** 20091366-19
Collection Date: 9/14/2020 01:37 PM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*102*		*85-110*	*%REC*	1	9/24/2020 02:18 AM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-EB001-G091420 **Lab ID:** 20091366-20
Collection Date: 9/14/2020 08:39 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260C**			Analyst: **MF**
1,1,1-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
2-Butanone	ND		5.0	µg/L	1	9/23/2020 09:06 PM
2-Hexanone	ND		5.0	µg/L	1	9/23/2020 09:06 PM
4-Methyl-2-pentanone	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Acetone	ND		10	µg/L	1	9/23/2020 09:06 PM
Benzene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Bromodichloromethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Bromoform	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Bromomethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Carbon disulfide	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Carbon tetrachloride	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Chlorobenzene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Chloroethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Chloroform	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Chloromethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Dibromochloromethane	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Ethylbenzene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
m,p-Xylene	ND		2.0	µg/L	1	9/23/2020 09:06 PM
Methylene chloride	ND		5.0	µg/L	1	9/23/2020 09:06 PM
o-Xylene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Styrene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Tetrachloroethene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Toluene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Trichloroethene	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Vinyl chloride	ND		1.0	µg/L	1	9/23/2020 09:06 PM
Xylenes, Total	ND		3.0	µg/L	1	9/23/2020 09:06 PM
Surr: 1,2-Dichloroethane-d4	*111*		*75-120*	*%REC*	1	9/23/2020 09:06 PM
Surr: 4-Bromofluorobenzene	*87.2*		*80-110*	*%REC*	1	9/23/2020 09:06 PM
Surr: Dibromofluoromethane	*106*		*85-115*	*%REC*	1	9/23/2020 09:06 PM

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

Client: Wood Environment & Infrastructure Solutions, Inc.
Project: Textron Stability (3359-15-1040) **Work Order:** 20091366
Sample ID: ATR-EB001-G091420 **Lab ID:** 20091366-20
Collection Date: 9/14/2020 08:39 AM **Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Toluene-d8	*105*		*85-110*	*%REC*	1	9/23/2020 09:06 PM

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

Batch ID: **R298828** Instrument ID **VMS7** Method: **SW8260C**

MBLK Sample ID: **VBLKW2-200923-R298828** Units: **µg/L** Analysis Date: **9/23/2020 08:33 PM**

Client ID: Run ID: **VMS7_200923A** SeqNo: **6732588** 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	*21.54*	0	*20*	0	*108*	*75-120*		0		
Surr: 4-Bromofluorobenzene	*17.8*	0	*20*	0	*89*	*80-110*		0		
Surr: Dibromofluoromethane	*21.38*	0	*20*	0	*107*	*85-115*		0		
Surr: Toluene-d8	*20.13*	0	*20*	0	*101*	*85-110*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 20091366
Project: Textron Stability (3359-15-1040)

QC BATCH REPORT

Batch ID: **R298828** Instrument ID **VMS7** Method: **SW8260C**

LCS	Sample ID: **VLCSW1-200923-R298828**				Units: **µg/L**			Analysis Date: **9/23/2020 07:43 PM**			
Client ID:		Run ID: **VMS7_200923A**			SeqNo: **6732587**		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	20.04	1.0	20	0	100	75-130	0			
1,1,2,2-Tetrachloroethane	19.62	1.0	20	0	98.1	75-130	0			
1,1,2-Trichloroethane	18.45	1.0	20	0	92.2	75-125	0			
1,1-Dichloroethane	19.53	1.0	20	0	97.6	68-142	0			
1,1-Dichloroethene	21.67	1.0	20	0	108	70-145	0			
1,2-Dichloroethane	19.53	1.0	20	0	97.6	78-125	0			
1,2-Dichloropropane	18.87	1.0	20	0	94.4	75-125	0			
2-Butanone	19.9	5.0	20	0	99.5	55-150	0			
2-Hexanone	20.52	5.0	20	0	103	60-135	0			
4-Methyl-2-pentanone	25.59	1.0	20	0	128	77-178	0			
Acetone	20.47	10	20	0	102	60-160	0			
Benzene	19.71	1.0	20	0	98.6	70-130	0			
Bromodichloromethane	19.49	1.0	20	0	97.4	75-125	0			
Bromoform	18.05	1.0	20	0	90.2	60-125	0			
Bromomethane	28.33	1.0	20	0	142	30-185	0			
Carbon disulfide	21.95	1.0	20	0	110	60-165	0			
Carbon tetrachloride	19.76	1.0	20	0	98.8	65-140	0			
Chlorobenzene	18.46	1.0	20	0	92.3	80-120	0			
Chloroethane	20.7	1.0	20	0	104	31-172	0			
Chloroform	20.01	1.0	20	0	100	66-135	0			
Chloromethane	20.05	1.0	20	0	100	46-148	0			
cis-1,2-Dichloroethene	19.85	1.0	20	0	99.2	75-134	0			
cis-1,3-Dichloropropene	20.18	1.0	20	0	101	70-130	0			
Dibromochloromethane	18.15	1.0	20	0	90.8	60-115	0			
Ethylbenzene	19.07	1.0	20	0	95.4	76-123	0			
m,p-Xylene	38.29	2.0	40	0	95.7	75-130	0			
Methylene chloride	19.74	5.0	20	0	98.7	72-125	0			
o-Xylene	19.11	1.0	20	0	95.6	76-127	0			
Styrene	21.03	1.0	20	0	105	83-137	0			
Tetrachloroethene	20.47	1.0	20	0	102	68-166	0			
Toluene	19.89	1.0	20	0	99.4	76-125	0			
trans-1,2-Dichloroethene	20.62	1.0	20	0	103	80-140	0			
trans-1,3-Dichloropropene	19.86	1.0	20	0	99.3	56-132	0			
Trichloroethene	18.95	1.0	20	0	94.8	77-125	0			
Vinyl chloride	22.71	1.0	20	0	114	50-136	0			
Xylenes, Total	57.4	3.0	60	0	95.7	76-127	0			
Surr: 1,2-Dichloroethane-d4	*20.52*	0	*20*	0	*103*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.43*	0	*20*	0	*102*	*80-110*	0			
Surr: Dibromofluoromethane	*20.47*	0	*20*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*20.34*	0	*20*	0	*102*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R298828** Instrument ID **VMS7** Method: **SW8260C**

MS Sample ID: **20091366-02A MS** Units: **µg/L** Analysis Date: **9/24/2020 02:34 AM**

Client ID: **ATR-OW2(33)-G091320** Run ID: **VMS7_200923A** SeqNo: **6732609** 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	22.65	1.0	20	0	113	75-130	0			
1,1,2,2-Tetrachloroethane	20.83	1.0	20	0	104	75-130	0			
1,1,2-Trichloroethane	20.23	1.0	20	0	101	75-125	0			
1,1-Dichloroethane	22.71	1.0	20	0	114	68-142	0			
1,1-Dichloroethene	25.1	1.0	20	0	126	70-145	0			
1,2-Dichloroethane	22.15	1.0	20	0	111	78-125	0			
1,2-Dichloropropane	20.52	1.0	20	0	103	75-125	0			
2-Butanone	17.67	5.0	20	0	88.4	55-150	0			
2-Hexanone	20.57	5.0	20	0	103	60-135	0			
4-Methyl-2-pentanone	28.17	1.0	20	0	141	77-178	0			
Acetone	23.58	10	20	0.99	113	60-160	0			
Benzene	22.18	1.0	20	0	111	70-130	0			
Bromodichloromethane	21.96	1.0	20	0	110	75-125	0			
Bromoform	18.39	1.0	20	0	92	60-125	0			
Bromomethane	36.44	1.0	20	0	182	30-185	0			
Carbon disulfide	25.04	1.0	20	0.17	124	60-165	0			
Carbon tetrachloride	22.1	1.0	20	0	110	65-140	0			
Chlorobenzene	19.26	1.0	20	0	96.3	80-120	0			
Chloroethane	24.29	1.0	20	0.27	120	31-172	0			
Chloroform	22.94	1.0	20	0	115	66-135	0			
Chloromethane	20.38	1.0	20	0	102	46-148	0			
cis-1,2-Dichloroethene	24.27	1.0	20	0.14	121	75-134	0			
cis-1,3-Dichloropropene	19.72	1.0	20	0	98.6	70-130	0			
Dibromochloromethane	19.11	1.0	20	0	95.6	60-115	0			
Ethylbenzene	19.59	1.0	20	0	98	76-123	0			
m,p-Xylene	39.51	2.0	40	0	98.8	75-130	0			
Methylene chloride	22.77	5.0	20	0	114	72-125	0			
o-Xylene	19.31	1.0	20	0	96.6	76-127	0			
Styrene	20.15	1.0	20	0	101	83-137	0			
Tetrachloroethene	22.04	1.0	20	0	110	68-166	0			
Toluene	20.75	1.0	20	0	104	76-125	0			
trans-1,2-Dichloroethene	23.76	1.0	20	0	119	80-140	0			
trans-1,3-Dichloropropene	19.27	1.0	20	0	96.4	56-132	0			
Trichloroethene	19.92	1.0	20	0	99.6	77-125	0			
Vinyl chloride	27.58	1.0	20	0.19	137	50-136	0			S
Xylenes, Total	58.82	3.0	60	0	98	76-127	0			
Surr: 1,2-Dichloroethane-d4	*23.22*	0	*20*	0	*116*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.94*	0	*20*	0	*105*	*80-110*	0			
Surr: Dibromofluoromethane	*22.36*	0	*20*	0	*112*	*85-115*	0			
Surr: Toluene-d8	*20.72*	0	*20*	0	*104*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R298828** Instrument ID **VMS7** Method: **SW8260C**

MSD Sample ID: **20091366-02A MSD** Units: **µg/L** Analysis Date: **9/24/2020 02:51 AM**

Client ID: **ATR-OW2(33)-G091320** Run ID: **VMS7_200923A** SeqNo: **6732610** 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	22.64	1.0	20	0	113	75-130	22.65	0.0442	30	
1,1,2,2-Tetrachloroethane	20.29	1.0	20	0	101	75-130	20.83	2.63	30	
1,1,2-Trichloroethane	20.18	1.0	20	0	101	75-125	20.23	0.247	30	
1,1-Dichloroethane	22.64	1.0	20	0	113	68-142	22.71	0.309	30	
1,1-Dichloroethene	24.98	1.0	20	0	125	70-145	25.1	0.479	30	
1,2-Dichloroethane	22.25	1.0	20	0	111	78-125	22.15	0.45	30	
1,2-Dichloropropane	20.31	1.0	20	0	102	75-125	20.52	1.03	30	
2-Butanone	18.74	5.0	20	0	93.7	55-150	17.67	5.88	30	
2-Hexanone	20.4	5.0	20	0	102	60-135	20.57	0.83	30	
4-Methyl-2-pentanone	25.95	1.0	20	0	130	77-178	28.17	8.2	30	
Acetone	24.81	10	20	0.99	119	60-160	23.58	5.08	30	
Benzene	22.09	1.0	20	0	110	70-130	22.18	0.407	30	
Bromodichloromethane	21.98	1.0	20	0	110	75-125	21.96	0.091	30	
Bromoform	18.18	1.0	20	0	90.9	60-125	18.39	1.15	30	
Bromomethane	35.36	1.0	20	0	177	30-185	36.44	3.01	30	
Carbon disulfide	25.42	1.0	20	0.17	126	60-165	25.04	1.51	30	
Carbon tetrachloride	21.94	1.0	20	0	110	65-140	22.1	0.727	30	
Chlorobenzene	19.04	1.0	20	0	95.2	80-120	19.26	1.15	30	
Chloroethane	23.48	1.0	20	0.27	116	31-172	24.29	3.39	30	
Chloroform	22.57	1.0	20	0	113	66-135	22.94	1.63	30	
Chloromethane	20.7	1.0	20	0	104	46-148	20.38	1.56	30	
cis-1,2-Dichloroethene	22.65	1.0	20	0.14	113	75-134	24.27	6.91	30	
cis-1,3-Dichloropropene	20.75	1.0	20	0	104	70-130	19.72	5.09	30	
Dibromochloromethane	19.1	1.0	20	0	95.5	60-115	19.11	0.0523	30	
Ethylbenzene	19.45	1.0	20	0	97.2	76-123	19.59	0.717	30	
m,p-Xylene	39.8	2.0	40	0	99.5	75-130	39.51	0.731	30	
Methylene chloride	23.37	5.0	20	0	117	72-125	22.77	2.6	30	
o-Xylene	19.44	1.0	20	0	97.2	76-127	19.31	0.671	30	
Styrene	20.14	1.0	20	0	101	83-137	20.15	0.0496	30	
Tetrachloroethene	21.84	1.0	20	0	109	68-166	22.04	0.912	30	
Toluene	20.67	1.0	20	0	103	76-125	20.75	0.386	30	
trans-1,2-Dichloroethene	23.16	1.0	20	0	116	80-140	23.76	2.56	30	
trans-1,3-Dichloropropene	19.95	1.0	20	0	99.8	56-132	19.27	3.47	30	
Trichloroethene	20.48	1.0	20	0	102	77-125	19.92	2.77	30	
Vinyl chloride	26.99	1.0	20	0.19	134	50-136	27.58	2.16	30	
Xylenes, Total	59.24	3.0	60	0	98.7	76-127	58.82	0.712	30	
Surr: 1,2-Dichloroethane-d4	*22.52*	0	*20*	0	*113*	*75-120*	23.22	*3.06*	*30*	
Surr: 4-Bromofluorobenzene	*20.55*	0	*20*	0	*103*	*80-110*	20.94	*1.88*	*30*	
Surr: Dibromofluoromethane	*22.32*	0	*20*	0	*112*	*85-115*	22.36	*0.179*	*30*	
Surr: Toluene-d8	*20.64*	0	*20*	0	*103*	*85-110*	20.72	*0.387*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 20091366
Project: Textron Stability (3359-15-1040)

QC BATCH REPORT

Batch ID: **R298828** Instrument ID **VMS7** Method: **SW8260C**

The following samples were analyzed in this batch:

20091366-01A	20091366-02A	20091366-03A
20091366-04A	20091366-05A	20091366-06A
20091366-07A	20091366-08A	20091366-09A
20091366-10A	20091366-11A	20091366-12A
20091366-13A	20091366-14A	20091366-15A
20091366-16A	20091366-17A	20091366-18A
20091366-19A	20091366-20A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R298904A** Instrument ID **VMS8** Method: **SW8260C**

MBLK Sample ID: **VBLKW1-200924-R298904A** Units: **µg/L** Analysis Date: **9/24/2020 11:27 PM**

Client ID: Run ID: **VMS8_200924B** SeqNo: **6736720** 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	*20.43*	0	*20*	0	*102*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*18.62*	0	*20*	0	*93.1*	*80-110*	0			
Surr: Dibromofluoromethane	*20.41*	0	*20*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*20.41*	0	*20*	0	*102*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R298904A** Instrument ID **VMS8** Method: **SW8260C**

LCS Sample ID: **VLCSW1-200924-R298904A** Units: **µg/L** Analysis Date: **9/24/2020 10:38 PM**

Client ID: Run ID: **VMS8_200924B** SeqNo: **6736719** 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	19.68	1.0	20	0	98.4	75-130	0			
1,1,2,2-Tetrachloroethane	23.11	1.0	20	0	116	75-130	0			
1,1,2-Trichloroethane	19.9	1.0	20	0	99.5	75-125	0			
1,1-Dichloroethane	19.79	1.0	20	0	99	68-142	0			
1,1-Dichloroethene	19.79	1.0	20	0	99	70-145	0			
1,2-Dichloroethane	18.87	1.0	20	0	94.4	78-125	0			
1,2-Dichloropropane	21.22	1.0	20	0	106	75-125	0			
2-Butanone	17.25	5.0	20	0	86.2	55-150	0			
2-Hexanone	20.95	5.0	20	0	105	60-135	0			
4-Methyl-2-pentanone	29.82	1.0	20	0	149	77-178	0			
Acetone	20.15	10	20	0	101	60-160	0			
Benzene	20.3	1.0	20	0	102	70-130	0			
Bromodichloromethane	20.58	1.0	20	0	103	75-125	0			
Bromoform	19.28	1.0	20	0	96.4	60-125	0			
Bromomethane	33.52	1.0	20	0	168	30-185	0			
Carbon disulfide	19.36	1.0	20	0	96.8	60-165	0			
Carbon tetrachloride	19.36	1.0	20	0	96.8	65-140	0			
Chlorobenzene	21.34	1.0	20	0	107	80-120	0			
Chloroethane	17.03	1.0	20	0	85.2	31-172	0			
Chloroform	18.8	1.0	20	0	94	66-135	0			
Chloromethane	15.22	1.0	20	0	76.1	46-148	0			
cis-1,2-Dichloroethene	18.62	1.0	20	0	93.1	75-134	0			
cis-1,3-Dichloropropene	18.96	1.0	20	0	94.8	70-130	0			
Dibromochloromethane	19.32	1.0	20	0	96.6	60-115	0			
Ethylbenzene	23.45	1.0	20	0	117	76-123	0			
m,p-Xylene	46.73	2.0	40	0	117	75-130	0			
Methylene chloride	16.85	5.0	20	0	84.2	72-125	0			
o-Xylene	22.48	1.0	20	0	112	76-127	0			
Styrene	21.09	1.0	20	0	105	83-137	0			
Tetrachloroethene	21	1.0	20	0	105	68-166	0			
Toluene	22.75	1.0	20	0	114	76-125	0			
trans-1,2-Dichloroethene	19.2	1.0	20	0	96	80-140	0			
trans-1,3-Dichloropropene	18.97	1.0	20	0	94.8	56-132	0			
Trichloroethene	20.35	1.0	20	0	102	77-125	0			
Vinyl chloride	20.65	1.0	20	0	103	50-136	0			
Xylenes, Total	69.21	3.0	60	0	115	76-127	0			
Surr: 1,2-Dichloroethane-d4	*19.98*	0	*20*	0	*99.9*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.58*	0	*20*	0	*103*	*80-110*	0			
Surr: Dibromofluoromethane	*19.72*	0	*20*	0	*98.6*	*85-115*	0			
Surr: Toluene-d8	*19.96*	0	*20*	0	*99.8*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R298904A** Instrument ID **VMS8** Method: **SW8260C**

MS Sample ID: **20091366-13A MS** Units: **µg/L** Analysis Date: **9/25/2020 05:24 AM**

Client ID: **ATR-MW59(46)-G091420** Run ID: **VMS8_200924B** SeqNo: **6736734** 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	190.1	10	200	0	95	75-130	0			
1,1,2,2-Tetrachloroethane	191.3	10	200	0	95.6	75-130	0			
1,1,2-Trichloroethane	181.8	10	200	0	90.9	75-125	0			
1,1-Dichloroethane	187.9	10	200	0	94	68-142	0			
1,1-Dichloroethene	309.9	10	200	130.2	89.8	70-145	0			
1,2-Dichloroethane	166	10	200	0	83	78-125	0			
1,2-Dichloropropane	189.7	10	200	0	94.8	75-125	0			
2-Butanone	189	50	200	0	94.5	55-150	0			
2-Hexanone	175.2	50	200	0	87.6	60-135	0			
4-Methyl-2-pentanone	274.4	10	200	0	137	77-178	0			
Acetone	179.8	100	200	0	89.9	60-160	0			
Benzene	237.6	10	200	0	119	70-130	0			
Bromodichloromethane	192.2	10	200	0	96.1	75-125	0			
Bromoform	165.1	10	200	0	82.6	60-125	0			
Bromomethane	1040	10	200	0	520	30-185	0			SE
Carbon disulfide	186.3	10	200	0	93.2	60-165	0			
Carbon tetrachloride	185	10	200	0	92.5	65-140	0			
Chlorobenzene	200	10	200	0	100	80-120	0			
Chloroethane	289.6	10	200	0	145	31-172	0			
Chloroform	173.6	10	200	0	86.8	66-135	0			
Chloromethane	137.9	10	200	0	69	46-148	0			
cis-1,2-Dichloroethene	2440	10	200	2416	11.8	75-134	0			SEO
cis-1,3-Dichloropropene	165.3	10	200	0	82.6	70-130	0			
Dibromochloromethane	178.2	10	200	0	89.1	60-115	0			
Ethylbenzene	228.4	10	200	0	114	76-123	0			
m,p-Xylene	440.5	20	400	0	110	75-130	0			
Methylene chloride	162.7	50	200	0	81.4	72-125	0			
o-Xylene	215.8	10	200	0	108	76-127	0			
Styrene	195.1	10	200	0	97.6	83-137	0			
Tetrachloroethene	192.1	10	200	0	96	68-166	0			
Toluene	224.6	10	200	0	112	76-125	0			
trans-1,2-Dichloroethene	198.1	10	200	17.4	90.4	80-140	0			
trans-1,3-Dichloropropene	168.3	10	200	0	84.2	56-132	0			
Trichloroethene	531	10	200	375.2	77.9	77-125	0			
Vinyl chloride	1132	10	200	1076	28.2	50-136	0			SEO
Xylenes, Total	656.3	30	600	0	109	76-127	0			
Surr: 1,2-Dichloroethane-d4	*197*	0	*200*	0	*98.5*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*200*	0	*200*	0	*100*	*80-110*	0			
Surr: Dibromofluoromethane	*197.2*	0	*200*	0	*98.6*	*85-115*	0			
Surr: Toluene-d8	*208.6*	0	*200*	0	*104*	*85-110*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Wood Environment & Infrastructure Solutions, Inc.
Work Order: 20091366
Project: Textron Stability (3359-15-1040)

QC BATCH REPORT

Batch ID: **R298904A** Instrument ID **VMS8** Method: **SW8260C**

MSD Sample ID: **20091366-13A MSD** Units: **µg/L** Analysis Date: **9/25/2020 05:41 AM**

Client ID: **ATR-MW59(46)-G091420** Run ID: **VMS8_200924B** SeqNo: **6736735** 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	200	10	200	0	100	75-130	190.1	5.08	30	
1,1,2,2-Tetrachloroethane	195.4	10	200	0	97.7	75-130	191.3	2.12	30	
1,1,2-Trichloroethane	187.9	10	200	0	94	75-125	181.8	3.3	30	
1,1-Dichloroethane	205.7	10	200	0	103	68-142	187.9	9.04	30	
1,1-Dichloroethene	344.2	10	200	130.2	107	70-145	309.9	10.5	30	
1,2-Dichloroethane	181.4	10	200	0	90.7	78-125	166	8.87	30	
1,2-Dichloropropane	195.6	10	200	0	97.8	75-125	189.7	3.06	30	
2-Butanone	198.2	50	200	0	99.1	55-150	189	4.75	30	
2-Hexanone	183.3	50	200	0	91.6	60-135	175.2	4.52	30	
4-Methyl-2-pentanone	280.2	10	200	0	140	77-178	274.4	2.09	30	
Acetone	190.1	100	200	0	95	60-160	179.8	5.57	30	
Benzene	212.5	10	200	0	106	70-130	237.6	11.2	30	
Bromodichloromethane	203.1	10	200	0	102	75-125	192.2	5.51	30	
Bromoform	172.7	10	200	0	86.4	60-125	165.1	4.5	30	
Bromomethane	ND	10	200	0	0	30-185	1040	0	30	S
Carbon disulfide	209.2	10	200	0	105	60-165	186.3	11.6	30	
Carbon tetrachloride	197.1	10	200	0	98.6	65-140	185	6.33	30	
Chlorobenzene	207.1	10	200	0	104	80-120	200	3.49	30	
Chloroethane	303.2	10	200	0	152	31-172	289.6	4.59	30	
Chloroform	187.5	10	200	0	93.8	66-135	173.6	7.7	30	
Chloromethane	148.1	10	200	0	74	46-148	137.9	7.13	30	
cis-1,2-Dichloroethene	2611	10	200	2416	97.5	75-134	2440	6.78	30	EO
cis-1,3-Dichloropropene	178.2	10	200	0	89.1	70-130	165.3	7.51	30	
Dibromochloromethane	183.3	10	200	0	91.6	60-115	178.2	2.82	30	
Ethylbenzene	232.5	10	200	0	116	76-123	228.4	1.78	30	
m,p-Xylene	450.1	20	400	0	113	75-130	440.5	2.16	30	
Methylene chloride	174.8	50	200	0	87.4	72-125	162.7	7.17	30	
o-Xylene	224.2	10	200	0	112	76-127	215.8	3.82	30	
Styrene	192	10	200	0	96	83-137	195.1	1.6	30	
Tetrachloroethene	196.3	10	200	0	98.2	68-166	192.1	2.16	30	
Toluene	226.3	10	200	0	113	76-125	224.6	0.754	30	
trans-1,2-Dichloroethene	219.3	10	200	17.4	101	80-140	198.1	10.2	30	
trans-1,3-Dichloropropene	176	10	200	0	88	56-132	168.3	4.47	30	
Trichloroethene	563.6	10	200	375.2	94.2	77-125	531	5.96	30	
Vinyl chloride	1215	10	200	1076	69.8	50-136	1132	7.09	30	EO
Xylenes, Total	674.3	30	600	0	112	76-127	656.3	2.71	30	
Surr: 1,2-Dichloroethane-d4	*196.8*	0	*200*	0	*98.4*	*75-120*	197	*0.102*	*30*	
Surr: 4-Bromofluorobenzene	*188.3*	0	*200*	0	*94.2*	*80-110*	200	*6.03*	*30*	
Surr: Dibromofluoromethane	*204.4*	0	*200*	0	*102*	*85-115*	197.2	*3.59*	*30*	
Surr: Toluene-d8	*203.5*	0	*200*	0	*102*	*85-110*	208.6	*2.48*	*30*	

The following samples were analyzed in this batch: 20091366-13A 20091366-14A 20091366-15A 20091366-16A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS

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Chain of Custody Form

Page 1 of 2

COC ID: 222944

Houston, TX +1 281 530 5656
Middletown, PA +1 717 944 5541
Spring City, PA +1 610 948 4903
Salt Lake City, UT +1 801 266 7700
South Charleston, WV +1 304 356 3168
York, PA +1 717 505 5280

ALS Project Manager: EB | ALS Work Order #: 20091366

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	C0126091102	Project Name	Textron Stability	A	VOCs Method 8260
Work Order		Project Number	3359-15-1040	B	
Company Name	Wood Environment & Infrastructure Solutions, Inc	Bill To Company	Wood Environment & Infrastructure Solutions, Inc	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	ATR-OW1(39)-G091320	09/13/20	1133	GW	1	3	X										
2	ATR-OW2(33)-G091320	09/13/20	1232	GW	1	3	X						use for MS/MSD				
3	ATR-OW2(53)-G091320	09/13/20	1322	GW	1	3	X										
4	ATR-OW3(35)-G091320	09/13/20	1417	GW	1	3	X										
5	ATR-OW3(55)-G091320	09/13/20	1502	GW	1	3	X										
6	ATR-OW4(35)-G091320	09/13/20	1555	GW	1	3	X										
7	ATR-OW4(54)-G091320	09/13/20	1652	GW	1	3	X										
8	ATR-OW5(16)-G091320	09/13/20	1425	GW	1	3	X										
9	ATR-OW5(35)-G091320	09/13/20	1348	GW	1	3	X										
10	ATR-OW5(44)-G091320	09/13/20	1458	GW	1	3	X										

Sampler(s) Please Print & Sign

Shipment Method

Required Turnaround Time: (Check Box) ☒ Std 10 WK Days ☑ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other ____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
RE Dufresne	09/15/20	1225	[signature]
Relinquished by: [signature]	9/16/2020	15.00	Received by (Laboratory): [signature]
Logged by (Laboratory): MJG	9/17/20	9:32	Checked by (Laboratory): EB

Notes:

Cooler ID	Cooler Temp.
	2.0°C
	IRI

QC Package: (Check One Box Below)
- ☐ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☑ Level IV SW846/CLP
- ☐ Other ____
- ☐ TRRP CheckList
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Chain of Custody Form

Page 2 of 2

COC ID: 222945

ALS Project Manager: EB

ALS Work Order #: 20091366

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	CO126091102	Project Name	Textron Stability	A	VOCs Method 8260
Work Order		Project Number	3359-15-1040	B	
Company Name	Wood Environment & Infrastructure Soluti	Bill To Company	Wood Environment & Infrastructure Sol	C	
Send Report To	Paul Shrk	Invoice Attn	Accounts Payable	D	
Address	521 Byers Road, Suite 204	Address	521 Byers Road, Suite 204	E	
				F	
City/State/Zip	Miamisburg, OH 45342	City/State/Zip	Miamisburg, OH 45342	G	
Phone	(937) 859-3600	Phone	(937) 859-3600	H	
Fax	(937) 859-7951	Fax	(937) 859-7951	I	
e-Mail Address	paul.shrk@woodplc.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	ATR-MW27(48)-G091420	09/14/20	0915	GW	1	3	X										
2	ATR-MW59(29)-G091420	09/14/20	1337	GW	1	3	X										
3	ATR-MW59(46)-G091420	09/14/20	1425	GW	1	3	X										
4	ATR-MW68(32)-G091420	09/14/20	1720	GW	1	3	X										
5	ATR-MW72(32)-G091420	09/14/20	1655	GW	1	3	X										
6	ATR-MW81(27)-G091420	09/14/20	1347	GW	1	3	X										
7	ATR-MW82(56)-G091420	09/14/20	1447	GW	1	3	X										
8	ATR-MW17-G091420	09/14/20	0830	GW	1	3	X										
9	ATR-MW59(29)-G091420R	09/14/20	1337	GW	1	3	X										
10	ATR-EB001-G091420	09/14/20	0839	GW	1	3	X										

Sampler(s) Please Print & Sign	Shipment Method	Required Turnaround Time: (Check Box)	Results Due Date:
		X Std 10 WK Days ☑ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other	

Relinquished by:	Date: 09/15/20	Time: 1225	Received by:	Notes:	
Relinquished by:	Date: 9/16/2020	Time: 15:00	Received by (Laboratory):		
Logged by (Laboratory): MTG	Date: 9/17/20	Time: 9:32	Checked by (Laboratory): EB		

Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)
	2.0°C IR1	☐ Level II Std QC ☐ Level III Std QC/Raw Data ☐ Level IV SW846/CLP ☐ Other ☐ TRRP CheckList ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
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ALS Group, USA

Sample Receipt Checklist

Client Name: **WOOD-DAYTON** Date/Time Received: **17-Sep-20 09:31**

Work Order: **20091366** Received by: **MJG**

Checklist completed by Matthew Gaylord (eSignature) 17-Sep-20 (Date) Reviewed by: Ehrland Bosworth (eSignature) 17-Sep-20 (Date)

Matrices: Water

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.0/2.0C	IR1	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	9/17/2020 3:48:22 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:

LELAP CERTIFICATE NUMBER: 01955
DOD-ELAP ACCREDITATION NUMBER: 74960

ANALYTICAL RESULTS

PERFORMED BY

Pace Analytical Gulf Coast
7979 Innovation Park Dr.
Baton Rouge, LA 70820
(225) 769-4900

Report Date 10/13/2020

Report # 220091816

Project Torx/Textron Rochester, NY

Deliver To	***Additional Recipients***
Paul Stork Wood Environment & Infastructure Soultions, Inc 521 Byers Road Suite 204 Miamisburg, OH 45342 937-789-7646	NONE

Revision 1

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with Pace Gulf Coast's Standard Operating Procedures.

Common Abbreviations that may be Utilized in this Report

ND	Indicates the result was Not Detected at the specified reporting limit
NO	Indicates the sample did not ignite when preliminary test performed for EPA Method 1030
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
RE	Re-analysis
CF	HPLC or GC Confirmation
00:01	Reported as a time equivalent to 12:00 AM

Reporting Flags that may be Utilized in this Report

J or I	Indicates the result is between the MDL and LOQ
J	DOD flag on analyte in the parent sample for MS/MSD outside acceptance criteria
U	Indicates the compound was analyzed for but not detected
B or V	Indicates the analyte was detected in the associated Method Blank
Q	Indicates a non-compliant QC Result (See Q Flag Application Report)
*****	Indicates a non-compliant or not applicable QC recovery or RPD – see narrative
E	Organics - The result is estimated because it exceeded the instrument calibration range
E	Metals - % diference for the serial dilution is > 10%
L	Reporting Limits adjusted to meet risk-based limit.
P	RPD between primary and confirmation result is greater than 40
DL	Diluted analysis – when appended to Client Sample ID

Sample receipt at Pace Gulf Coast is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of Pace Gulf Coast. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with The NELAC Institute (TNI) Standard 2009 and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

_____

Authorized Signature
Pace Gulf Coast Report 220091816

Revision 1

Certifications

Certification	Certification Number
DOD ELAP	74960
Alabama	01955
Arkansas	88-0655
Colorado	01955
Delaware	01955
Florida	E87854
Georgia	01955
Hawaii	01955
Idaho	01955
Illinois	200048
Indiana	01955
Kansas	E-10354
Kentucky	95
Louisiana	01955
Maryland	01955
Massachusetts	01955
Michigan	01955
Mississippi	01955
Missouri	01955
Montana	N/A
Nebraska	01955
New Mexico	01955
North Carolina	618
North Dakota	R-195
Oklahoma	9403
South Carolina	73006001
South Dakota	01955
Tennessee	01955
Texas	T104704178
Vermont	01955
Virginia	460215
Washington	C929
USDA Soil Permit	P330-16-00234

Revision 1

Case Narrative

Client: AMEC Miamisburg OH **Report:** 220091816

Pace Analytical Gulf Coast received and analyzed the sample(s) listed
on the Report Sample Summary page of this report. Receipt of the sample(s) is documented
by the attached chain of custody. This applies only to the sample(s) listed in this report.
No sample integrity or quality control exceptions were identified unless noted below.

This report is revised 10/13/20. The client updated the IDs for samples 22009181605 (ATR-MW59(29)-6091420) and 22009181606 (ATR-MW59(29)-6091420R).

AM20GAX

In the AM20GAX analysis for analytical batch 692624, the LCS/LCSD RPD is above the control limit for Ethane. All recoveries are acceptable.

MISCELLANEOUS

For all samples, a time of collection was not included on the chain of custody.

Revision 1

Sample Summary

LAB ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
22009181601	ATR-MW6C-091320	Water	09/13/2020 00:01	09/17/2020 10:40
22009181602	ATR-MW81(27)-6091420	Water	09/14/2020 00:01	09/17/2020 10:40
22009181603	ATR-MW27(32)-6091420	Water	09/14/2020 00:01	09/17/2020 10:40
22009181604	ATR-MW68(32)-6091420	Water	09/14/2020 00:01	09/17/2020 10:40
22009181605	ATR-MW59(29)-6091420	Water	09/14/2020 00:01	09/17/2020 10:40
22009181606	ATR-MW59(29)-6091420R	Water	09/14/2020 00:01	09/17/2020 10:40

Revision 1

Summary of Compounds Detected

ATR-MW6C-091320	**Collect Date**	09/13/2020 00:01	**LAB ID**	22009181601
	Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	260	0.075	1.0	ug/L
74-85-1	Ethene	2.1	0.12	1.0	ug/L
74-82-8	Methane	21000	2.5	5.0	ug/L

ATR-MW81(27)-6091420	**Collect Date**	09/14/2020 00:01	**LAB ID**	22009181602
	Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	700	0.075	1.0	ug/L
74-85-1	Ethene	11	0.12	1.0	ug/L
74-82-8	Methane	28000	9.9	20	ug/L

ATR-MW27(32)-6091420	**Collect Date**	09/14/2020 00:01	**LAB ID**	22009181603
	Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	58	0.075	1.0	ug/L
74-82-8	Methane	18000	2.5	5.0	ug/L

ATR-MW68(32)-6091420	**Collect Date**	09/14/2020 00:01	**LAB ID**	22009181604
	Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	82	0.075	1.0	ug/L
74-85-1	Ethene	1.0J	0.12	1.0	ug/L
74-82-8	Methane	13000	2.5	5.0	ug/L

Revision 1

Summary of Compounds Detected

ATR-MW59(29)-6091420	**Collect Date**	09/14/2020 00:01	**LAB ID**	22009181605
	Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	710	0.075	1.0	ug/L
74-82-8	Methane	35000	9.9	20	ug/L

ATR-MW59(29)-6091420R	**Collect Date**	09/14/2020 00:01	**LAB ID**	22009181606
	Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	660	0.075	1.0	ug/L
74-82-8	Methane	33000	9.9	20	ug/L

Revision 1

Sample Results

ATR-MW6C-091320

Collect Date	09/13/2020 00:01	**LAB ID**	22009181601
Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/21/2020 10:14	JCK2	692624

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**260**	**0.075**	**1.0**	**ug/L**
74-85-1	**Ethene**	**2.1**	**0.12**	**1.0**	**ug/L**
74-82-8	**Methane**	**21000**	**2.5**	**5.0**	**ug/L**

ATR-MW81(27)-6091420

Collect Date	09/14/2020 00:01	**LAB ID**	22009181602
Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/21/2020 10:26	JCK2	692624

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**700**	**0.075**	**1.0**	**ug/L**
74-85-1	**Ethene**	**11**	**0.12**	**1.0**	**ug/L**

AM20GAX

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	4	09/25/2020 14:56	JCK2	693123

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**28000**	**9.9**	**20**	**ug/L**

ATR-MW27(32)-6091420

Collect Date	09/14/2020 00:01	**LAB ID**	22009181603
Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/21/2020 10:38	JCK2	692624

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**58**	**0.075**	**1.0**	**ug/L**
74-85-1	Ethene	0.12U	0.12	1.0	ug/L

Revision 1

Sample Results

ATR-MW27(32)-6091420

Collect Date	09/14/2020 00:01	LAB ID	22009181603
Receive Date	09/17/2020 10:40	Matrix	Water

AM20GAX (Continued)

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/21/2020 10:38	JCK2	692624

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	18000	2.5	5.0	ug/L

ATR-MW68(32)-6091420

Collect Date	09/14/2020 00:01	LAB ID	22009181604
Receive Date	09/17/2020 10:40	Matrix	Water

AM20GAX

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/21/2020 10:50	JCK2	692624

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	82	0.075	1.0	ug/L
74-85-1	Ethene	1.0J	0.12	1.0	ug/L
74-82-8	Methane	13000	2.5	5.0	ug/L

ATR-MW59(29)-6091420

Collect Date	09/14/2020 00:01	LAB ID	22009181605
Receive Date	09/17/2020 10:40	Matrix	Water

AM20GAX

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/21/2020 11:02	JCK2	692624

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	Ethane	710	0.075	1.0	ug/L
74-85-1	Ethene	0.12U	0.12	1.0	ug/L

AM20GAX

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	4	09/25/2020 15:09	JCK2	693123

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	Methane	35000	9.9	20	ug/L

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Sample Results

ATR-MW59(29)-6091420R	**Collect Date**	09/14/2020 00:01	**LAB ID**	22009181606
	Receive Date	09/17/2020 10:40	**Matrix**	Water

AM20GAX

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	1	09/21/2020 11:13	JCK2	692624

CAS#	Parameter	Result	DL	LOQ	Units
74-84-0	**Ethane**	**660**	**0.075**	**1.0**	**ug/L**
74-85-1	Ethene	0.12U	0.12	1.0	ug/L

AM20GAX

Prep Date	Prep Batch	Prep Method	Dilution	Analysis Date	By	Analytical Batch
NA	NA	NA	4	09/25/2020 15:21	JCK2	693123

CAS#	Parameter	Result	DL	LOQ	Units
74-82-8	**Methane**	**33000**	**9.9**	**20**	**ug/L**

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General Chromatography QC Summary

Analytical Batch 692624	Client ID	MB692624		LCS692624				LCSD692624				
	LAB ID	2085980		2085981				2085982				
	Sample Type	MB		LCS				LCSD				
	Prep Date											
	Analysis Date	09/21/20 10:02		09/21/20 08:55				09/21/20 09:07				
	Matrix	Water		Water				Water				
AM20GAX		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Ethane	74-84-0	0.075U	0.075	100	96	95	70 - 130	100	120	118	22*	20
Ethene	74-85-1	0.12U	0.12	140	130	94	70 - 130	140	160	111	17	20
Methane	74-82-8	2.6J	2.5	490	440	89	70 - 130	490	530	108	19	20

Analytical Batch 693123	Client ID	MB693123		LCS693123				LCSD693123				
	LAB ID	2088285		2088286				2088287				
	Sample Type	MB		LCS				LCSD				
	Prep Date											
	Analysis Date	09/25/20 10:49		09/25/20 10:13				09/25/20 10:25				
	Matrix	Water		Water				Water				
AM20GAX		Units Result	ug/L DL	Spike Added	Result	%R	Control Limits%R	Spike Added	Result	%R	RPD	RPD Limit
Methane	74-82-8	3.2J	2.5	490	520	106	70 - 130	490	450	92	14	20

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Wor

Client ID: AMEC OH - AMEC Miamisburg OH
SDG: 220091816
PM: RWe

ALL SHAD

Container Preservative T

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Company: Wood E&IS	Billing Information:
Address: 521 Byers Road	
Report To: Paul Stork	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 3359-15-1040	State: IN County/City: Fulton Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 937 859-3600 Email: paul.stork@woodplc.com	Site/Facility ID #: Compliance Monitoring? [ ] Yes [✓] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	ATM 206AX										Lab Profile/Line:
ATR-MW6C-091320	GW	G	09/13/20					3	X										1
ATR-MW8(23)-091420	GW	G	09/14/20					3	X										2
ATR-MW27(32)-091420	GW	G	09/14/20					3	X										3
ATR-MW28(32)-091420	GW	G	09/14/20					3	X										4
ATR-MW29(46)-091420	GW	G	09/14/20					3	X										5
ATR-MW39(46)-091420	GW	G	09/14/20					3	X										6

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: 911923205907

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2540806

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments:
4.8 E86

	Date/Time	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) K Dufendach	9/15/20 1350		
Relinquished by/Company: (Signature) FedEx	9-17-20 10:40	Dodie McCune	9-17-20 10:40
Relinquished by/Company: (Signature)			

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Revision 1

SAMPLE RECEIVING CHECKLIST

SAMPLE DELIVERY GROUP 220091816	
Client **PM** RWe AMEC OH - AMEC Marrisburg OH	**Transport Method** FEDEX
Profile Number 284586	**Received By** McCune, Dodie N.
Line Item(s) 1 - MEELLVFA	**Receive Date(s)** 09/17/20

CHECKLIST	YES	NO
Samples received with proper thermal preservation?	☑	☐
Radioactivity is <1600 cpm? If no, record cpm value in notes section.	☑	☐
COC relinquished and complete (including sampleIDs, collect times, and sampler)?	☑	☐
All containers received in good condition and within hold time?	☑	☐
All sample labels and containers received match the chain of custody?	☑	☐
Preservative added to any containers?	☐	☑
If received, was headspace for VOC water containers < 6mm?	☑	☐
Samples collected in containers provided by Pace Gulf Coast?	☑	☐

COOLERS

Airbill	Thermometer ID: E26	Temp °C
911921205907		4.8

DISCREPANCIES

Sample Discrepancy:
22009181601 - ATR-MW6C-091320
22009181602 - ATR-MW81(27)-6091420
22009181603 - ATR-MW27(32)-6091420
22009181604 - ATR-MW68(32)-6091420
22009181605 - ATR-MW59(46)-6091420
22009181606 - ATR-MW59(46)-6091420R

LAB PRESERVATIONS

None

NOTES

NO SAMPLE COLLECTION TIMES LISTED

Revision 1.6

Revision 1

DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

1.0 INTRODUCTION

Groundwater samples were collected during monitoring well sampling completed in September 2020 at the Former TORX Facility in Rochester, Indiana. Samples were analyzed by ALS Laboratory Group in Holland, Michigan. A summary of sample delivery groups (SDGs) and field samples included in this review is contained in Table 1. Samples reviewed in this report were analyzed for the following USEPA SW-846 (USEPA, 1996) method:

- Volatile Organic Compounds (VOCs) by USEPA Method 8260C

Sample results were validated using general procedures in the USEPA National Data Validation Guidelines (USEPA, 2017), Indiana Department of Environmental Management (IDEM) data review guidelines (IDEM, 2012), and data validation goals identified in the Work Plan Appendix N Quality Assurance Project Plan (QAPP) [AMEC, 2014]. Project data quality criteria for the VOC analyses are identified based on IDEM quality control (QC) goals (IDEM, 1998) and the professional judgment of the project chemist. A summary of project QC limits used during data validation is provided in Table 2.

Level II validation was completed on all samples in accordance with specifications in the Work Plan. During the Level II validation the major quality assurance (QA)/QC indicators of analytical data quality are reviewed, but review of calculations and raw laboratory data is not included. QC data checks are completed using QC summary forms provided in the laboratory packages. The following parameters are checked during the Level II review:

- laboratory report narrative
- sample chain of custody/sample receipt records
- sample preservation and holding times
- QC blanks
- laboratory control sample (LCS) results
- matrix spike and matrix spike duplicate (MS/MSD) sample results
- surrogate recovery
- internal standard recovery and retention times
- field duplicate sample results
- sample results summary
- verification of electronic database results

Full validation was completed on ten percent of the samples. Full validation includes:

- instrument tuning and calibration
- lab notebook records
- review of raw instrument data including quantitation reports, chromatograms, and spectra
- calculation checks and verification of sample results and QC summary forms

Full validation was completed on the following samples:

- ATR-MW38(69.9)-G090920

- ATR-MW38(69.9)-G090920R
- ATR-MW38(102.5)-G090920
- ATR-MW31(98.5)-G090920
- ATR-MW31(98.5)-G090920R
- ATR-MW35(90)-G090920
- ATR-MW32(89)-G090920
- ATR-MW11-G091020
- ATR-MW57(38)-G091020
- ATR-MW30(41.1)-G091020
- ATR-MW34(110)-G091020
- ATR-MW34(85)-G091020

A summary of qualification actions is presented in Table 3. Table 3 includes listings of validation reason codes to document the reason for the validation qualification. Final sample results are presented in Table 4. Target analytes were reported as detections if concentrations were greater than the reporting limit (RL). If target compounds were not detected, or concentrations were less than RLs, the compounds are reported as non-detect (U) at the reporting limits. Data validation qualifiers were added to results if associated quality control data did not meet goals in the validation guidelines or project work plan. The following data quality flags shown below were used to qualify data that did not meet project specific QC goals.

UJ = undetected and reporting limit is estimated
U = undetected
J = estimated value
J+ = estimated value and potentially biased high
J- = estimated value and potentially biased low
R = result is rejected and considered unusable

2.0 VALIDATION OBSERVATION AND ACTIONS

With the exception of the data qualification actions discussed in the sections below, results are interpreted to be usable as reported by the laboratory. A summary of qualification actions is presented on Table 3. Validation reason codes are applied to the results to document the reason for the validation qualification.

2.1 VOCs

During the Level II review the data quality indicators listed below were reviewed. Checks that included validation actions are marked with an asterisk (*) and discussed in the following sections.

- laboratory report narrative
- sample chain of custody/sample receipt records*
- sample preservation and holding times*
- QC blanks
- laboratory control sample (LCS) results*
- matrix spike and matrix spike duplicate (MS/MSD) sample results*
- surrogate recovery*
- internal standard recovery and retention times
- field duplicate sample results

- sample results summary
- verification of electronic database results

During the full validation the data quality indicators listed below were also reviewed:

- instrument tuning
- initial calibration*
- continuing calibration*
- calculation checks specified in USEPA guidelines
- analyte identification and quantitation

Chain of Custody

Based on the direction of the project manager several sample IDs were modified by the laboratory to be consistent with the format established for the sampling event. Sample IDs ATR-MW29(82.5)-090920, ATR-MW29(132.8)-090920, ATR-EB001-091020, ATR-EB001-091120, ATR-TR001-091120, ATR-TR002-091120, ATR-TB001-091520, and OW6(37)- G091320 on the COC were logged by the laboratory as ATR-MW29(82.5)-G090920, ATR-MW29(132.8)-G090920, ATR-EB001-G091020, ATR-EB001-G091120, ATR-TR001-G091120, ATR-TR002-G091120, ATR-TB001-G091520 and ATR-OW6(38)-G091320.

Holding Times

Samples ATR-MW37(70)-G090820 and ATR-MW37(98)-G090820 were re-analyzed to evaluate detections of bromomethane. Both the initial and re-analysis results were reported by the laboratory because the second reanalysis was performed out of hold. Bromomethane was not detected in the reanalyses indicating that the detection of bromomethane in the original samples may be false positive. But because the reanalyses were completed beyond holding time the initial run result was reported in the final dataset. The results were qualified estimated (J+) with code LCS-H during the LCS review.

Initial Calibration

The percent difference for bromomethane and 4-methyl-2-pentanone in the initial calibration verification standard (ICV) associated with a subset of samples exceeded the project goal of 20. Bromomethane and 4-methyl-2-pentanone were not detected in associated samples, and the reporting limits for these VOCs in associated samples were qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code ICV%D.

Continuing Calibration

The percent difference for bromomethane and chloroethane in various analytical batches exceeded the project goal of 20. These VOCs were not detected in associated samples, and reporting limits for these VOCs in associated samples were qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code CCV%D.

LCS

In the LCS associated with batch R298450A the percent recovery of chloroethane and chloromethane were lower than the limit of 70. Chloroethane and chloromethane were not detected in the associated samples and the reporting limits were qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code LCSL.

In the LCS associated with batch R298450A the percent recovery of bromomethane was greater than the limit of 130. Bromomethane was detected in samples ATR-MW37(70) and ATR-MW37(98) and the reported concentrations were qualified as estimated (J+). Qualified results are summarized in Table 3 with reason code LCSH.

In the LCS associated with batch R298454A the percent recovery of chloroethane was lower than the limit of 70. Chloroethane was not detected in the associated samples and the reporting limits were qualified estimated (UJ). Qualified results are summarized in Table 3 with reason code LCSL.

MS/MSD

Multiple MS/MSD analyses were completed using groundwater samples from this event. The majority of VOCs has recoveries within the QC limit goal of 70-130 percent. A subset of results for the following compounds was qualified as estimated values (J+/UJ) due to MS/MSD percent recoveries outside the QAPP specified control limits.

2-Butanone
Bromomethane
Chloromethane
trans-1,3-Dichloropropene
Vinyl chloride

In the MS/MSD associated with sample ATR-MW39(13)-G090820, the percent recoveries for bromomethane (-4.9 and -4.9) was less than the 70-130 control limits, indicating a potential low bias. The reporting limit was rejected (R) and is included in Table 3 with reason code MSL.

In the MS associated with sample ATR-MW31(30.9)-G090920, the percent recovery for chloromethane (69.8) was less than the 70-130 control limits, indicating a potential low bias. The reporting limit was qualified estimated (UJ) and is included in Table 3 with reason code MSL.

In the MS/MSD associated with sample ATR-MW30(41.1)-G091020 the percent recoveries for bromomethane (0 and 0) were less than the 70-130 control limits, indicating a potential low bias. The reporting limit was rejected (R) and is included in Table 3 with reason code MSL. The recoveries for 2-butanone (140/139) and vinyl chloride (132% MS) were greater than the 70-130 control limits, indicating a potential high bias. The results for 2-butanone and vinyl chloride were qualified estimated with a potential high bias (J+). The result is included in Table 3 with reason code MSH.

In the MS/MSD associated with sample ATR-MW53(41)-G091020, the percent recoveries for bromomethane (0 and 0) were less than the 70-130 control limits, indicating a potential low bias. The reporting limit was rejected (R) and is included in Table 3 with reason code MSL.

In the MS/MSD associated with sample ATR-MW84(68)-G091020, the percent recoveries for bromomethane (0 and 0) were less than the 70-130 control limits, indicating a potential low bias. The reporting limit was rejected (R) and is included in Table 3 with reason code MSL.

In the MS associated with sample ATR-MW20(51)-G091320, the percent recovery for bromomethane (68.3) and trans-1,3-dichloropropene (66.4) was less than the 70-130 control limits, indicating a potential

low bias. The reporting limit was qualified estimated (UJ) and is included in Table 3 with reason code MSL.

In the MS/MSD associated with sample ATR-MW20(51)-G091320, the percent recovery for vinyl chloride (154) in the MS was greater than the 70-130 control limits. The MS/MSD RPD for vinyl chloride (23.8) exceeded the precision goal of 20. The result for vinyl chloride was qualified estimated with a potential high bias and potential imprecision (J+). The result is included in Table 3 with reason code MSH and MSRPD.

In the MS associated with sample ATR-MW76(30)-G091520, the percent recovery for bromomethane (67.5) was less than the 70-130 control limits, indicating a potential low bias. The reporting limit was qualified estimated (UJ) and is included in Table 3 with reason code MSL.

Surrogates

Percent recoveries of the surrogate 4-bromofluorobenzene (82.5-84.9) in samples ATR-MW29(82.5)-G090920, ATR-MW50(80)-G090920, ATR-MW32(24.1)-G090920, and ATR-MW32(89)-G090920 were less than the 85-115 control limits, indicating potential low bias. No VOCs were detected in samples ATR-MW29(82.5)-G090920 and ATR-MW50(80)-G090920 and reporting limits were qualified estimated (UJ). Vinyl chloride was detected in sample ATR-MW32(89)-G090920 and cis-1,2-dichloroethene was detected in sample ATR-MW32(24.1)-G090920 and the reported concentrations were qualified as estimated (J-). The remaining analytes were not detected, and the reporting limits were qualified as estimated (UJ). Qualified results are included in Table 3 with reason code SSL.

Percent recoveries of the surrogate 1,2-dichloroethane-d4 (116-118) in samples ATR-MW59(29)-G091420, ATR-MW17-G091420, and ATR-MW59(29)-G091420R were above the 85-115 control limits, indicating potential high bias. The detected analytes chloroethane, ethylbenzene, vinyl chloride, o-xylenes, m&p-xylenes, and total xylenes were qualified as estimated (J+) in sample ATR-MW59(29)-G091420. The detected cis-1,2-dichloroethene, trichloroethene, and vinyl chloride were qualified as estimated (J+) in sample ATR-MW17-G091420. The detected analytes chloroethane, cis-1,2-dichloroethene, ethylbenzene, vinyl chloride, o-xylenes, m&p-xylenes, and total xylenes were qualified as estimated (J+) in sample ATR-MW59(29)-G091420R. Qualified results are included in Table 3 with reason code SSH.

Reference:

IDEM, 1998. “Guidance to the Performance and Presentation of Analytical Chemistry Data”; Indiana Department of Environmental Monitoring; Technical Waste Assessment, Rev. 1: July 16, 1998.

IDEM, 2012. “Remediation Closure Guide”; Office of Land Quality; Indiana Department of Environmental Management; March 22, 2012, with corrections through July 9, 2012.

AMEC, 2014. “Investigation Work Plan Former TORX Facility 4366 North Old US Rt. 31 Rochester, Indiana”; Appendix N QAPP – Groundwater Data Collection, Sampling, and Analyses; June 2014.

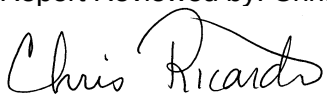
U.S. Environmental Protection Agency (USEPA), 1996. "Test Methods for Evaluating Solid Waste"; Laboratory Manual Physical/Chemical Methods; Office of Solid Waste and Emergency Response; Washington, DC; SW-846; November 1986; Revision 4 -December 1996.

U.S. Environmental Protection Agency (USEPA), 2017. "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Data Review"; Office of Emergency and Remedial Response; EPA-540-/R-2017-002; January 2017.

Data Validator: Elizabeth Penta

Date: November 24, 2020

Report Reviewed by: Chris Ricardi, NRCC_EAC



Date: December 14, 2020

TABLE 1 - SAMPLE AND ANALYSIS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Location	Field Sample ID	Sample Date	Media	Lab Sample ID	Method Sample Type	SW8260C Count
20091092	MW-37(23.3)	ATR-MW37(23.3)-G090820	9/8/2020	GW	20091092-01A	FS	36
20091092	MW-37(70)	ATR-MW37(70)-G090820	9/8/2020	GW	20091092-02A	FS	36
20091092	MW-37(98)	ATR-MW37(98)-G090820	9/8/2020	GW	20091092-03A	FS	36
20091092	QC	ATR-EB001-090820	9/8/2020	BW	20091092-04A	EB	36
20091092	MW-39(13)	ATR-MW39(13)-G090820	9/8/2020	GW	20091092-05A	FS	36
20091092	MW-39(29.3)	ATR-MW39(29.3)-G090820	9/8/2020	GW	20091092-06A	FS	36
20091092	MW-39(76.8)	ATR-MW39(76.8)-G090920	9/9/2020	GW	20091092-07A	FS	36
20091092	MW-38(20.8)	ATR-MW38(20.8)-G090920	9/9/2020	GW	20091092-08A	FS	36
20091092	MW-38(29.1)	ATR-MW38(29.1)-G090920	9/9/2020	GW	20091092-09A	FS	36
20091092	MW-38(69.9)	ATR-MW38(69.9)-G090920	9/9/2020	GW	20091092-10A	FS	36
20091092	MW-38(69.9)	ATR-MW38(69.9)-G090920R	9/9/2020	GW	20091092-11A	FD	36
20091092	MW-38(102.5)	ATR-MW38(102.5)-G090920	9/9/2020	GW	20091092-12A	FS	36
20091092	MW-31(139.2)	ATR-MW31(139.2)-G090920	9/9/2020	GW	20091092-13A	FS	36
20091092	MW-31(98.5)	ATR-MW31(98.5)-G090920	9/9/2020	GW	20091092-14A	FS	36
20091092	MW-31(98.5)	ATR-MW31(98.5)-G090920R	9/9/2020	GW	20091092-15A	FD	36
20091092	MW-31(30.9)	ATR-MW31(30.9)-G090920	9/9/2020	GW	20091092-16A	FS	36
20091092	MW-31(55.5)	ATR-MW31(55.5)-G090920	9/9/2020	GW	20091092-17A	FS	36
20091092	MW-36(92.4)	ATR-MW36(92.4)-G090920	9/9/2020	GW	20091092-18A	FS	36
20091092	MW-36(124.5)	ATR-MW36(124.5)-G090920	9/9/2020	GW	20091092-19A	FS	36
20091092	MW-36(35.2)	ATR-MW36(35.2)-G090920	9/9/2020	GW	20091092-20A	FS	36
20091092	MW-35(90)	ATR-MW35(90)-G090920	9/9/2020	GW	20091092-21A	FS	36
20091092	QC	ATR-EB002-090920	9/9/2020	BW	20091092-22A	EB	36
20091092	MW-35(148)	ATR-MW35(148)-G090920	9/9/2020	GW	20091092-23A	FS	36
20091092	MW-35(45)	ATR-MW35(45)-G090920	9/9/2020	GW	20091092-24A	FS	36
20091092	MW-29(103.3)	ATR-MW29(103.3)-G090920	9/9/2020	GW	20091092-25A	FS	36
20091092	QC	ATR-FB001-090920	9/9/2020	BW	20091092-26A	FB	36
20091092	MW-29(82.5)	ATR-MW29(82.5)-G090920	9/9/2020	GW	20091092-27A	FS	36
20091092	MW-29(132.8)	ATR-MW29(132.8)-G090920	9/9/2020	GW	20091092-28A	FS	36
20091092	MW-51(25)	ATR-MW51(25)-G090920	9/9/2020	GW	20091092-29A	FS	36
20091092	MW-51(70)	ATR-MW51(70)-G090920	9/9/2020	GW	20091092-30A	FS	36
20091092	MW-50(45)	ATR-MW50(45)-G090920	9/9/2020	GW	20091092-31A	FS	36
20091092	MW-50(80)	ATR-MW50(80)-G090920	9/9/2020	GW	20091092-32A	FS	36
20091092	MW-32(24.1)	ATR-MW32(24.1)-G090920	9/9/2020	GW	20091092-33A	FS	36
20091092	MW-32(89)	ATR-MW32(89)-G090920	9/9/2020	GW	20091092-34A	FS	36
20091092	MW-32(110)	ATR-MW32(110)-G090920	9/9/2020	GW	20091092-35A	FS	36
20091092	MW-34(37)	ATR-MW34(37)-G090920	9/9/2020	GW	20091092-36A	FS	36
20091092	MW-24(55.9)	ATR-MW24(55.4)-G091020	9/10/2020	GW	20091092-37A	FS	36
20091092	MW-24(55.9)	ATR-MW24(55.4)-G091020R	9/10/2020	GW	20091092-38A	FD	36
20091092	MW-11	ATR-MW11-G091020	9/10/2020	GW	20091092-39A	FS	36
20091092	MW-12	ATR-MW12-G091020	9/10/2020	GW	20091092-40A	FS	36
20091092	MW-13	ATR-MW13-G091020	9/10/2020	GW	20091092-41A	FS	36
20091092	MW-55(49)	ATR-MW55(49)-G091020	9/10/2020	GW	20091092-42A	FS	36
20091092	MW-57(38)	ATR-MW57(38)-G091020	9/10/2020	GW	20091092-43A	FS	36
20091092	MW-45(185)	ATR-MW45(185)-G091020	9/10/2020	GW	20091092-44A	FS	36
20091092	MW-20(155)	ATR-MW20(155)-G091020	9/10/2020	GW	20091092-45A	FS	36

Created by: WCG 09/30/2020
Checked by: EAP 11/06/2020

TABLE 1 - SAMPLE AND ANALYSIS SUMMARY
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SDG	Location	Field Sample ID	Sample Date	Media	Lab Sample ID	Method Sample Type	SW8260C Count
20091092	MW-20(124)	ATR-MW20(124)-G091020	9/10/2020	GW	20091092-46A	FS	36
20091092	MW-20(35)	ATR-MW20(35)-G091020	9/10/2020	GW	20091092-47A	FS	36
20091092	MW-1	ATR-MW1-G091020	9/10/2020	GW	20091092-48A	FS	36
20091092	MW-30(41.1)	ATR-MW30(41.1)-G091020	9/10/2020	GW	20091092-49A	FS	36
20091092	QC	ATR-EB001-G091020	9/10/2020	BW	20091092-50A	EB	36
20091092	MW-34(110)	ATR-MW34(110)-G091020	9/10/2020	GW	20091092-51A	FS	36
20091092	MW-34(85)	ATR-MW34(85)-G091020	9/10/2020	GW	20091092-52A	FS	36
20091092	MW-48(159)	ATR-MW48(159)-G091020	9/10/2020	GW	20091092-53A	FS	36
20091092	MW-48(159)	ATR-MW48(159)-G091020R	9/10/2020	GW	20091092-54A	FD	36
20091092	MW-85(130)	ATR-MW85(130)-G091020	9/10/2020	GW	20091092-55A	FS	36
20091092	MW-85(39)	ATR-MW85(39)-G091020	9/10/2020	GW	20091092-56A	FS	36
20091092	MW-53(41)	ATR-MW53(41)-G091020	9/10/2020	GW	20091092-57A	FS	36
20091092	MW-62(36)	ATR-MW62(36)-G091020	9/10/2020	GW	20091092-58A	FS	36
20091092	MW-9B	ATR-MW9B-G091020	9/10/2020	GW	20091092-59A	FS	36
20091092	MW-9C	ATR-MW9C-G091020	9/10/2020	GW	20091092-60A	FS	36
20091092	MW-83(64)	ATR-MW83(64)-G091020	9/10/2020	GW	20091092-61A	FS	36
20091092	MW-19(53)	ATR-MW19(53)-G091020	9/10/2020	GW	20091092-62A	FS	36
20091092	MW-27(75.4)	ATR-MW27(75.4)-G091020	9/10/2020	GW	20091092-63A	FS	36
20091092	MW-27(104.2)	ATR-MW27(104.2)-G091020	9/10/2020	GW	20091092-64A	FS	36
20091092	MW-84(65)	ATR-MW84(68)-G091020	9/10/2020	GW	20091092-65A	FS	36
20091092	MW-84(44)	ATR-MW84(44)-G091020	9/10/2020	GW	20091092-66A	FS	36
20091092	MW-89(28)	ATR-MW89(28)-G091120	9/11/2020	GW	20091092-67A	FS	36
20091092	QC	ATR-EB001-G091120	9/11/2020	BW	20091092-68A	EB	36
20091092	MW-56(50)	ATR-MW56(51)-G091120	9/11/2020	GW	20091092-69A	FS	36
20091092	MW-3	ATR-MW3-G091120	9/11/2020	GW	20091092-70A	FS	36
20091092	MW-60(38)	ATR-MW60(38)-G091120	9/11/2020	GW	20091092-71A	FS	36
20091092	MW-27(53.05)	ATR-MW27(53.05)-G091120	9/11/2020	GW	20091092-72A	FS	36
20091092	MW-16	ATR-MW16-G091120	9/11/2020	GW	20091092-73A	FS	36
20091092	MW-52(148)	ATR-MW52(148)-G091120	9/11/2020	GW	20091092-74A	FS	36
20091092	MW-52(55)	ATR-MW52(55)-G091120	9/11/2020	GW	20091092-75A	FS	36
20091092	QC	ATR-TR001-G091120	9/11/2020	BW	20091092-76A	TB	36
20091092	QC	ATR-TR002-G091120	9/11/2020	BW	20091092-77A	TB	36
20091364	MW-14	ATR-MW14-G091420	9/14/2020	GW	20091364-03A	FS	36
20091364	MW-15	ATR-MW15-G091420	9/14/2020	GW	20091364-04A	FS	36
20091364	MW-20(51)	ATR-MW20(51)-G091320	9/13/2020	GW	20091364-02A	FS	36
20091364	MW-25(16.4)	ATR-MW25(16.4)-G091420	9/14/2020	GW	20091364-05A	FS	36
20091364	MW-25(32.6)	ATR-MW25(32.6)-G091420	9/14/2020	GW	20091364-06A	FS	36
20091364	MW-25(82)	ATR-MW25(82)-G091420	9/14/2020	GW	20091364-07A	FS	36
20091364	MW-26(17.5)	ATR-MW26(17.5)-G091420	9/14/2020	GW	20091364-08A	FS	36
20091364	MW-26(28.8)	ATR-MW26(28.8)-G091420	9/14/2020	GW	20091364-09A	FS	36
20091364	MW-26(58.8)	ATR-MW26(58.2)-G091420	9/14/2020	GW	20091364-10A	FS	36
20091364	MW-6C	ATR-MW6C-G091320	9/13/2020	GW	20091364-01A	FS	36
20091364	OW-06(38)	ATR-OW6(38)-G091320	9/13/2020	GW	20091364-11A	FS	36
20091364	OW-06(63)	ATR-OW6(63)-G091320	9/13/2020	GW	20091364-12A	FS	36
20091364	OW-06(63)	ATR-OW6(63)-G091320R	9/13/2020	GW	20091364-13A	FD	36

TABLE 1 - SAMPLE AND ANALYSIS SUMMARY
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SDG	Location	Field Sample ID	Sample Date	Media	Lab Sample ID	Method Sample Type	SW8260C Count
20091364	QC	ATR-EB001-091320	9/13/2020	BW	20091364-14A	EB	36
20091364	QC	ATR-TB001-091320	9/13/2020	BW	20091364-15A	TB	36
20091366	MW-17	ATR-MW17-G091420	9/14/2020	GW	20091366-18A	FS	36
20091366	MW-27(18)	ATR-MW27(18)-G091420	9/14/2020	GW	20091366-11A	FS	36
20091366	MW-59(29)	ATR-MW59(29)-G091420	9/14/2020	GW	20091366-12A	FS	36
20091366	MW-59(29)	ATR-MW59(29)-G091420R	9/14/2020	GW	20091366-19A	FD	36
20091366	MW-59(46)	ATR-MW59(46)-G091420	9/14/2020	GW	20091366-13A	FS	36
20091366	MW-68(32)	ATR-MW68(32)-G091420	9/14/2020	GW	20091366-14A	FS	36
20091366	MW-72(32)	ATR-MW72(32)-G091420	9/14/2020	GW	20091366-15A	FS	36
20091366	MW-81(27)	ATR-MW81(27)-G091420	9/14/2020	GW	20091366-16A	FS	36
20091366	MW-82(58)	ATR-MW82(58)-G091420	9/14/2020	GW	20091366-17A	FS	36
20091366	OW-01(39)	ATR-OW1(39)-G091320	9/13/2020	GW	20091366-01A	FS	36
20091366	OW-02(33)	ATR-OW2(33)-G091320	9/13/2020	GW	20091366-02A	FS	36
20091366	OW-02(53)	ATR-OW2(53)-G091320	9/13/2020	GW	20091366-03A	FS	36
20091366	OW-03(35)	ATR-OW3(35)-G091320	9/13/2020	GW	20091366-04A	FS	36
20091366	OW-03(55)	ATR-OW3(55)-G091320	9/13/2020	GW	20091366-05A	FS	36
20091366	OW-04(35)	ATR-OW4(35)-G091320	9/13/2020	GW	20091366-06A	FS	36
20091366	OW-04(54)	ATR-OW4(54)-G091320	9/13/2020	GW	20091366-07A	FS	36
20091366	OW-05(16)	ATR-OW5(16)-G091320	9/13/2020	GW	20091366-08A	FS	36
20091366	OW-05(35)	ATR-OW5(35)-G091320	9/13/2020	GW	20091366-09A	FS	36
20091366	OW-05(54)	ATR-OW5(44)-G091320	9/13/2020	GW	20091366-10A	FS	36
20091366	QC	ATR-EB001-G091420	9/14/2020	BW	20091366-20A	EB	36
20091378	MW-65(32)	ATR-MW65(32)-G091520	9/15/2020	GW	20091378-02A	FS	36
20091378	MW-67(30)	ATR-MW67(30)-G091520	9/15/2020	GW	20091378-03A	FS	36
20091378	MW-71(33)	ATR-MW71(33)-G091420	9/14/2020	GW	20091378-01A	FS	36
20091378	MW-75(32)	ATR-MW75(32)-G091520	9/15/2020	GW	20091378-08A	FS	36
20091378	MW-76(30)	ATR-MW76(30)-G091520	9/15/2020	GW	20091378-04A	FS	36
20091378	MW-77(41)	ATR-MW77(41)-G091520	9/15/2020	GW	20091378-05A	FS	36
20091378	MW-78(35)	ATR-MW78(35)-G091520	9/15/2020	GW	20091378-06A	FS	36
20091378	MW-79(30)	ATR-MW79(30)-G091520	9/15/2020	GW	20091378-07A	FS	36
20091378	QC	ATR-EB001-G091520	9/15/2020	BW	20091378-09A	EB	36
20091378	QC	ATR-TB001-G091520	9/15/2020	BW	20091378-10A	TB	36

Notes:
BW = blank water
EB = equipment blank
FD = field duplicate
FS = field sample
GW = groundwater
TB = trip blank

TABLE 2 - QC LIMITS
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

PARAMETER	QC TEST	ANALYTE	WATER (%)	WATER RPD
Volatiles	**Surrogate**	All Surrogates(1)	85 - 115	
	LCS	All Target Compounds	70 - 130	
	MS/MSD	All Target Compounds	70 - 130	20(2)
	Field Duplicates	All Target Compounds		25(3)

Notes:
LCS - Laboratory Control Sample
MS/MSD - Matrix Spike/ Matrix Spike Duplicate
(1) Project-specific limits for surrogate recovery review/validation are established based on subcontract laboratory and Indiana Department of Environmental Management (IDEM) recommended control limits. The project limits are used for evaluation of recovery for all surrogates during data validation.
(2) Both results are > 5X the sample quantitation limit (SQL). For aqueous results < 5X the SQL use ± SQL value. For solid media (soil and sediment) use ± 2X SQL value.
(3) Both results are > 5X the SQL. For aqueous results < 5X the SQL use ± 1.5X SQL value. For solid media (soil and sediment) use ± 2.5X SQL value.

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

SDG	Analysis Method	Lab Sample ID	Sample Date	Field Sample ID	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
20091092	SW8260C	20091092-48A	9/10/2020	ATR-MW1-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-48A	9/10/2020	ATR-MW1-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-39A	9/10/2020	ATR-MW11-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-39A	9/10/2020	ATR-MW11-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-40A	9/10/2020	ATR-MW12-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-40A	9/10/2020	ATR-MW12-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-41A	9/10/2020	ATR-MW13-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-41A	9/10/2020	ATR-MW13-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-73A	9/11/2020	ATR-MW16-G091120	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-73A	9/11/2020	ATR-MW16-G091120	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-62A	9/10/2020	ATR-MW19(53)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-62A	9/10/2020	ATR-MW19(53)-G091020	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-46A	9/10/2020	ATR-MW20(124)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-46A	9/10/2020	ATR-MW20(124)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-45A	9/10/2020	ATR-MW20(155)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-45A	9/10/2020	ATR-MW20(155)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-47A	9/10/2020	ATR-MW20(35)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-47A	9/10/2020	ATR-MW20(35)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-37A	9/10/2020	ATR-MW24(55.4)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-37A	9/10/2020	ATR-MW24(55.4)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-38A	9/10/2020	ATR-MW24(55.4)-G091020R	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-38A	9/10/2020	ATR-MW24(55.4)-G091020R	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-64A	9/10/2020	ATR-MW27(104.2)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-64A	9/10/2020	ATR-MW27(104.2)-G091020	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-72A	9/11/2020	ATR-MW27(53.05)-G091120	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-72A	9/11/2020	ATR-MW27(53.05)-G091120	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-63A	9/10/2020	ATR-MW27(75.4)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-63A	9/10/2020	ATR-MW27(75.4)-G091020	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-25A	9/9/2020	ATR-MW29(103.3)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-25A	9/9/2020	ATR-MW29(103.3)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-28A	9/9/2020	ATR-MW29(132.8)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-28A	9/9/2020	ATR-MW29(132.8)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	1,1,1-Trichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	1,1,2,2-Tetrachloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	1,1,2-Trichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	1,1-Dichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	1,1-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	1,2-Dichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	1,2-Dichloropropane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	2-Butanone	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	2-Hexanone	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	SSL, ICV%D	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Acetone	10	U	10	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Benzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Bromodichloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Bromoform	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Bromomethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Carbon disulfide	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Carbon tetrachloride	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Chlorobenzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL,SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Chloroform	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Chloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	cis-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	cis-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Dibromochloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Ethylbenzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Methylene chloride	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Styrene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Tetrachloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Toluene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	trans-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	trans-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Trichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Vinyl chloride	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Xylene, o	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Xylenes (m&p)	2	U	2	UJ	SSL	UG/L
20091092	SW8260C	20091092-27A	9/9/2020	ATR-MW29(82.5)-G090920	Xylenes, Total	3	U	3	UJ	SSL	UG/L
20091092	SW8260C	20091092-70A	9/11/2020	ATR-MW3-G091120	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-70A	9/11/2020	ATR-MW3-G091120	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-49A	9/10/2020	ATR-MW30(41.1)-G091020	2-Butanone	16		16	J+	MSH	UG/L
20091092	SW8260C	20091092-49A	9/10/2020	ATR-MW30(41.1)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-49A	9/10/2020	ATR-MW30(41.1)-G091020	Bromomethane	1	U	1	R	MSL	UG/L

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SDG	Analysis Method	Lab Sample ID	Sample Date	Field Sample ID	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
20091092	SW8260C	20091092-49A	9/10/2020	ATR-MW30(41.1)-G091020	Vinyl chloride	29		29	J+	MSH	UG/L
20091092	SW8260C	20091092-13A	9/9/2020	ATR-MW31(139.2)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-13A	9/9/2020	ATR-MW31(139.2)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-13A	9/9/2020	ATR-MW31(139.2)-G090920	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-16A	9/9/2020	ATR-MW31(30.9)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-16A	9/9/2020	ATR-MW31(30.9)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-16A	9/9/2020	ATR-MW31(30.9)-G090920	Chloromethane	1	U	1	UJ	MSL	UG/L
20091092	SW8260C	20091092-17A	9/9/2020	ATR-MW31(55.5)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-17A	9/9/2020	ATR-MW31(55.5)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-17A	9/9/2020	ATR-MW31(55.5)-G090920	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-14A	9/9/2020	ATR-MW31(98.5)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-14A	9/9/2020	ATR-MW31(98.5)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-14A	9/9/2020	ATR-MW31(98.5)-G090920	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-15A	9/9/2020	ATR-MW31(98.5)-G090920R	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-15A	9/9/2020	ATR-MW31(98.5)-G090920R	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-15A	9/9/2020	ATR-MW31(98.5)-G090920R	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-35A	9/9/2020	ATR-MW32(110)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-35A	9/9/2020	ATR-MW32(110)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	1,1,1-Trichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	1,1,2,2-Tetrachloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	1,1,2-Trichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	1,1-Dichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	1,1-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	1,2-Dichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	1,2-Dichloropropane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	2-Butanone	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	2-Hexanone	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	SSL, ICV%D	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Acetone	10	U	10	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Benzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Bromodichloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Bromoform	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Bromomethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Carbon disulfide	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Carbon tetrachloride	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Chlorobenzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL,SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Chloroform	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Chloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	cis-1,2-Dichloroethene	1.5		1.5	J-	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	cis-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Dibromochloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Ethylbenzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Methylene chloride	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Styrene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Tetrachloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Toluene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	trans-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	trans-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Trichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Vinyl chloride	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Xylene, o	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Xylenes (m&p)	2	U	2	UJ	SSL	UG/L
20091092	SW8260C	20091092-33A	9/9/2020	ATR-MW32(24.1)-G090920	Xylenes, Total	3	U	3	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	1,1,1-Trichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	1,1,2,2-Tetrachloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	1,1,2-Trichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	1,1-Dichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	1,1-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	1,2-Dichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	1,2-Dichloropropane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	2-Butanone	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	2-Hexanone	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	SSL, ICV%D	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Acetone	10	U	10	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Benzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Bromodichloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Bromoform	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Bromomethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Carbon disulfide	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Carbon tetrachloride	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Chlorobenzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL,SSL	UG/L

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SDG	Analysis Method	Lab Sample ID	Sample Date	Field Sample ID	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Chloroform	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Chloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	cis-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	cis-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Dibromochloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Ethylbenzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Methylene chloride	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Styrene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Tetrachloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Toluene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	trans-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	trans-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Trichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Vinyl chloride	8.7		8.7	J-	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Xylene, o	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Xylenes (m&p)	2	U	2	UJ	SSL	UG/L
20091092	SW8260C	20091092-34A	9/9/2020	ATR-MW32(89)-G090920	Xylenes, Total	3	U	3	UJ	SSL	UG/L
20091092	SW8260C	20091092-51A	9/10/2020	ATR-MW34(110)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-51A	9/10/2020	ATR-MW34(110)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-36A	9/9/2020	ATR-MW34(37)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-36A	9/9/2020	ATR-MW34(37)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-52A	9/10/2020	ATR-MW34(85)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-52A	9/10/2020	ATR-MW34(85)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-23A	9/9/2020	ATR-MW35(148)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-23A	9/9/2020	ATR-MW35(148)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-24A	9/9/2020	ATR-MW35(45)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-24A	9/9/2020	ATR-MW35(45)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-21A	9/9/2020	ATR-MW35(90)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-21A	9/9/2020	ATR-MW35(90)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-19A	9/9/2020	ATR-MW36(124.5)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-19A	9/9/2020	ATR-MW36(124.5)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-20A	9/9/2020	ATR-MW36(35.2)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-20A	9/9/2020	ATR-MW36(35.2)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-18A	9/9/2020	ATR-MW36(92.4)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-18A	9/9/2020	ATR-MW36(92.4)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-01A	9/8/2020	ATR-MW37(23.3)-G090820	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-01A	9/8/2020	ATR-MW37(23.3)-G090820	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-01A	9/8/2020	ATR-MW37(23.3)-G090820	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-02A	9/8/2020	ATR-MW37(70)-G090820	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-02A	9/8/2020	ATR-MW37(70)-G090820	Bromomethane	2		2	J+	LCSH	UG/L
20091092	SW8260C	20091092-02A	9/8/2020	ATR-MW37(70)-G090820	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-02A	9/8/2020	ATR-MW37(70)-G090820	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-03A	9/8/2020	ATR-MW37(98)-G090820	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-03A	9/8/2020	ATR-MW37(98)-G090820	Bromomethane	1.5		1.5	J+	LCSH	UG/L
20091092	SW8260C	20091092-03A	9/8/2020	ATR-MW37(98)-G090820	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-03A	9/8/2020	ATR-MW37(98)-G090820	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-12A	9/9/2020	ATR-MW38(102.5)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-12A	9/9/2020	ATR-MW38(102.5)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-12A	9/9/2020	ATR-MW38(102.5)-G090920	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-08A	9/9/2020	ATR-MW38(20.8)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-08A	9/9/2020	ATR-MW38(20.8)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-08A	9/9/2020	ATR-MW38(20.8)-G090920	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-09A	9/9/2020	ATR-MW38(29.1)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-09A	9/9/2020	ATR-MW38(29.1)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-09A	9/9/2020	ATR-MW38(29.1)-G090920	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-10A	9/9/2020	ATR-MW38(69.9)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-10A	9/9/2020	ATR-MW38(69.9)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-10A	9/9/2020	ATR-MW38(69.9)-G090920	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-11A	9/9/2020	ATR-MW38(69.9)-G090920R	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-11A	9/9/2020	ATR-MW38(69.9)-G090920R	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-11A	9/9/2020	ATR-MW38(69.9)-G090920R	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-05A	9/8/2020	ATR-MW39(13)-G090820	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-05A	9/8/2020	ATR-MW39(13)-G090820	Bromomethane	1	U	1	R	MSL	UG/L
20091092	SW8260C	20091092-05A	9/8/2020	ATR-MW39(13)-G090820	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-05A	9/8/2020	ATR-MW39(13)-G090820	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-06A	9/8/2020	ATR-MW39(29.3)-G090820	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-06A	9/8/2020	ATR-MW39(29.3)-G090820	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-06A	9/8/2020	ATR-MW39(29.3)-G090820	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-07A	9/9/2020	ATR-MW39(76.8)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-07A	9/9/2020	ATR-MW39(76.8)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-07A	9/9/2020	ATR-MW39(76.8)-G090920	Chloromethane	1	U	1	UJ	LCSL	UG/L
20091092	SW8260C	20091092-44A	9/10/2020	ATR-MW45(185)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-44A	9/10/2020	ATR-MW45(185)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L

TABLE 3 - QUALIFICATION ACTIONS SUMMARY
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SDG	Analysis Method	Lab Sample ID	Sample Date	Field Sample ID	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
20091092	SW8260C	20091092-53A	9/10/2020	ATR-MW48(159)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-53A	9/10/2020	ATR-MW48(159)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-54A	9/10/2020	ATR-MW48(159)-G091020R	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-54A	9/10/2020	ATR-MW48(159)-G091020R	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-31A	9/9/2020	ATR-MW50(45)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-31A	9/9/2020	ATR-MW50(45)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	1,1,1-Trichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	1,1,2,2-Tetrachloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	1,1,2-Trichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	1,1-Dichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	1,1-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	1,2-Dichloroethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	1,2-Dichloropropane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	2-Butanone	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	2-Hexanone	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	SSL, ICV%D	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Acetone	10	U	10	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Benzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Bromodichloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Bromoform	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Bromomethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Carbon disulfide	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Carbon tetrachloride	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Chlorobenzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL,SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Chloroform	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Chloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	cis-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	cis-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Dibromochloromethane	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Ethylbenzene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Methylene chloride	5	U	5	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Styrene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Tetrachloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Toluene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	trans-1,2-Dichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	trans-1,3-Dichloropropene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Trichloroethene	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Vinyl chloride	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Xylene, o	1	U	1	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Xylenes (m&p)	2	U	2	UJ	SSL	UG/L
20091092	SW8260C	20091092-32A	9/9/2020	ATR-MW50(80)-G090920	Xylenes, Total	3	U	3	UJ	SSL	UG/L
20091092	SW8260C	20091092-29A	9/9/2020	ATR-MW51(25)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-29A	9/9/2020	ATR-MW51(25)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-30A	9/9/2020	ATR-MW51(70)-G090920	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-30A	9/9/2020	ATR-MW51(70)-G090920	Chloroethane	1	U	1	UJ	CCV%D,LCSL	UG/L
20091092	SW8260C	20091092-74A	9/11/2020	ATR-MW52(148)-G091120	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-74A	9/11/2020	ATR-MW52(148)-G091120	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-75A	9/11/2020	ATR-MW52(55)-G091120	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-75A	9/11/2020	ATR-MW52(55)-G091120	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-57A	9/10/2020	ATR-MW53(41)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-57A	9/10/2020	ATR-MW53(41)-G091020	Bromomethane	1	U	1	R	MSL	UG/L
20091092	SW8260C	20091092-42A	9/10/2020	ATR-MW55(49)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-42A	9/10/2020	ATR-MW55(49)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-69A	9/11/2020	ATR-MW56(51)-G091120	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-69A	9/11/2020	ATR-MW56(51)-G091120	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-43A	9/10/2020	ATR-MW57(38)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-43A	9/10/2020	ATR-MW57(38)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-71A	9/11/2020	ATR-MW60(38)-G091120	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-71A	9/11/2020	ATR-MW60(38)-G091120	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-58A	9/10/2020	ATR-MW62(36)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-58A	9/10/2020	ATR-MW62(36)-G091020	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-61A	9/10/2020	ATR-MW83(64)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-61A	9/10/2020	ATR-MW83(64)-G091020	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-66A	9/10/2020	ATR-MW84(44)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-66A	9/10/2020	ATR-MW84(44)-G091020	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-65A	9/10/2020	ATR-MW84(68)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-65A	9/10/2020	ATR-MW84(68)-G091020	Bromomethane	1	U	1	R	MSL	UG/L
20091092	SW8260C	20091092-55A	9/10/2020	ATR-MW85(130)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-55A	9/10/2020	ATR-MW85(130)-G091020	Bromomethane	1	U	1	UJ	ICV%D, CCV%D	UG/L
20091092	SW8260C	20091092-56A	9/10/2020	ATR-MW85(39)-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-56A	9/10/2020	ATR-MW85(39)-G091020	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-67A	9/11/2020	ATR-MW89(28)-G091120	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L

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Checked by: EAP 11/24/2020

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SDG	Analysis Method	Lab Sample ID	Sample Date	Field Sample ID	Param Name	Lab Result	Lab Qual	Final Result	Final Qual	Val Reason Code	Units
20091092	SW8260C	20091092-67A	9/11/2020	ATR-MW89(28)-G091120	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-59A	9/10/2020	ATR-MW9B-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-59A	9/10/2020	ATR-MW9B-G091020	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-60A	9/10/2020	ATR-MW9C-G091020	4-Methyl-2-pentanone	1	U	1	UJ	ICV%D	UG/L
20091092	SW8260C	20091092-60A	9/10/2020	ATR-MW9C-G091020	Bromomethane	1	U	1	UJ	ICV%D	UG/L
20091364	SW8260C	20091364-02A	9/13/2020	ATR-MW20(51)-G091320	Bromomethane	1	U	1	UJ	MSL	UG/L
20091364	SW8260C	20091364-02A	9/13/2020	ATR-MW20(51)-G091320	trans-1,3-Dichloropropene	1	U	1	UJ	MSL	UG/L
20091364	SW8260C	20091364-02A	9/13/2020	ATR-MW20(51)-G091320	Vinyl chloride	33		33	J+	MSH, MSRPD	UG/L
20091366	SW8260C	20091366-18A	9/14/2020	ATR-MW17-G091420	cis-1,2-Dichloroethene	19		19	J+	SSH	UG/L
20091366	SW8260C	20091366-18A	9/14/2020	ATR-MW17-G091420	Trichloroethene	24		24	J+	SSH	UG/L
20091366	SW8260C	20091366-18A	9/14/2020	ATR-MW17-G091420	Vinyl chloride	3.1		3.1	J+	SSH	UG/L
20091366	SW8260C	20091366-12A	9/14/2020	ATR-MW59(29)-G091420	Chloroethane	1.7		1.7	J+	SSH	UG/L
20091366	SW8260C	20091366-12A	9/14/2020	ATR-MW59(29)-G091420	Ethylbenzene	1.3		1.3	J+	SSH	UG/L
20091366	SW8260C	20091366-12A	9/14/2020	ATR-MW59(29)-G091420	Vinyl chloride	2.5		2.5	J+	SSH	UG/L
20091366	SW8260C	20091366-12A	9/14/2020	ATR-MW59(29)-G091420	Xylene, o	2.5		2.5	J+	SSH	UG/L
20091366	SW8260C	20091366-12A	9/14/2020	ATR-MW59(29)-G091420	Xylenes (m&p)	4.2		4.2	J+	SSH	UG/L
20091366	SW8260C	20091366-12A	9/14/2020	ATR-MW59(29)-G091420	Xylenes, Total	6.6		6.6	J+	SSH	UG/L
20091366	SW8260C	20091366-19A	9/14/2020	ATR-MW59(29)-G091420R	Chloroethane	2.2		2.2	J+	SSH	UG/L
20091366	SW8260C	20091366-19A	9/14/2020	ATR-MW59(29)-G091420R	cis-1,2-Dichloroethene	1.2		1.2	J+	SSH	UG/L
20091366	SW8260C	20091366-19A	9/14/2020	ATR-MW59(29)-G091420R	Ethylbenzene	1.2		1.2	J+	SSH	UG/L
20091366	SW8260C	20091366-19A	9/14/2020	ATR-MW59(29)-G091420R	Vinyl chloride	3		3	J+	SSH	UG/L
20091366	SW8260C	20091366-19A	9/14/2020	ATR-MW59(29)-G091420R	Xylene, o	2.3		2.3	J+	SSH	UG/L
20091366	SW8260C	20091366-19A	9/14/2020	ATR-MW59(29)-G091420R	Xylenes (m&p)	3.7		3.7	J+	SSH	UG/L
20091366	SW8260C	20091366-19A	9/14/2020	ATR-MW59(29)-G091420R	Xylenes, Total	6		6	J+	SSH	UG/L
20091366	SW8260C	20091366-14A	9/14/2020	ATR-MW68(32)-G091420	Chloroethane	1	U	1	UJ	CCV%D	UG/L
20091366	SW8260C	20091366-15A	9/14/2020	ATR-MW72(32)-G091420	Chloroethane	1	U	1	UJ	CCV%D	UG/L
20091366	SW8260C	20091366-16A	9/14/2020	ATR-MW81(27)-G091420	Chloroethane	1	U	1	UJ	CCV%D	UG/L
20091378	SW8260C	20091378-02A	9/15/2020	ATR-MW65(32)-G091520	Bromomethane	1	U	1	UJ	CCV%D	UG/L
20091378	SW8260C	20091378-03A	9/15/2020	ATR-MW67(30)-G091520	Bromomethane	1	U	1	UJ	CCV%D	UG/L
20091378	SW8260C	20091378-01A	9/14/2020	ATR-MW71(33)-G091420	Bromomethane	1	U	1	UJ	CCV%D	UG/L
20091378	SW8260C	20091378-08A	9/15/2020	ATR-MW75(32)-G091520	Bromomethane	1	U	1	UJ	CCV%D	UG/L
20091378	SW8260C	20091378-04A	9/15/2020	ATR-MW76(30)-G091520	Bromomethane	1	U	1	UJ	MSL, CCV%D	UG/L
20091378	SW8260C	20091378-05A	9/15/2020	ATR-MW77(41)-G091520	Bromomethane	1	U	1	UJ	CCV%D	UG/L
20091378	SW8260C	20091378-06A	9/15/2020	ATR-MW78(35)-G091520	Bromomethane	1	U	1	UJ	CCV%D	UG/L
20091378	SW8260C	20091378-07A	9/15/2020	ATR-MW79(30)-G091520	Bromomethane	1	U	1	UJ	CCV%D	UG/L

Notes:

CCV%D = continuing calibration percent difference exceeds QC limit
ICV%D = initial calibration verification percent difference exceeds QC limit
FD = field duplicate precision goal not met
J = value is estimated
J+ = value is estimated biased high
J- = value is estimated biased low
LCSH = LCS recovery high
LCSL = LCS recovery low
MSH = matrix spike recovery high
MSL = matrix spike recovery low
MSRPD = matrix spike relative percent difference
SSL = surrogate standard recovery low
SSH = surrogate standard recovery high
U = not detected, value is the detection limit
UG/L = microgram per liter

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-1		MW-11		MW-12		MW-13		MW-16		MW-19(53)	
		Date Collected:	09/10/20		09/10/20		09/10/20		09/10/20		09/11/20		09/10/20	
		Field Sample ID:	ATR-MW1-G091020		ATR-MW11-G091020		ATR-MW12-G091020		ATR-MW13-G091020		ATR-MW16-G091120		ATR-MW19(53)-G091020	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	2.4		1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	19	
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1.1		1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U	1	U	18	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
J- = estiamted value biased low
R = result is rejected an unusable
UG/L = microgram per liter
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FD = Field Duplicate
TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-20(124)		MW-20(155)		MW-20(35)		MW-24(55.9)		MW-24(55.9)		MW-27(104.2)	
		Date Collected:	09/10/20		09/10/20		09/10/20		09/10/20		09/10/20		09/10/20	
		Field Sample ID:	ATR-MW20(124)-G091020		ATR-MW20(155)-G091020		ATR-MW20(35)-G091020		ATR-MW24(55.4)-G091020		ATR-MW24(55.4)-G091020R		ATR-MW27(104.2)-G091020	
		Type:	FS		FS		FS		FS		FD		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U	1	U	1.3	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-27(53.05)		MW-27(75.4)		MW-29(103.3)		MW-29(132.8)		MW-29(82.5)		MW-3	
		Date Collected:	09/11/20		09/10/20		09/09/20		09/09/20		09/09/20		09/11/20	
		Field Sample ID:	ATR-MW27(53.05)-G091120		ATR-MW27(75.4)-G091020		ATR-MW29(103.3)-G090920		ATR-MW29(132.8)-G090920		ATR-MW29(82.5)-G090920		ATR-MW3-G091120	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	UJ	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	UJ	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	UJ	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	U	1	U	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	UJ	1	UJ	1	UJ	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	12		1	U	1	U	1	UJ	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	UJ	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Trichloroethene	3.2		8.8		1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Vinyl chloride	1	U	2.2		1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	UJ	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	UJ	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	UJ	3	U

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DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-30(41.1)		MW-31(139.2)		MW-31(30.9)		MW-31(55.5)		MW-31(98.5)		MW-31(98.5)	
		Date Collected:	09/10/20		09/09/20		09/09/20		09/09/20		09/09/20		09/09/20	
		Field Sample ID:	ATR-MW30(41.1)-G091020		ATR-MW31(139.2)-G090920		ATR-MW31(30.9)-G090920		ATR-MW31(55.5)-G090920		ATR-MW31(98.5)-G090920		ATR-MW31(98.5)-G090920R	
		Type:	FS		FS		FS		FS		FS		FD	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	16	J+	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	R	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	cis-1,2-Dichloroethene	140		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	2		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	11		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	29	J+	1	U	1	U	1	U	2.1		2.1	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
J- = estiamted value biased low
R = result is rejected an unusable
UG/L = microgram per liter
FS = Field Sample
FD = Field Duplicate
TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-32(110)		MW-32(24.1)		MW-32(89)		MW-34(110)		MW-34(37)		MW-34(85)	
		Date Collected:	09/09/20		09/09/20		09/09/20		09/10/20		09/09/20		09/10/20	
		Field Sample ID:	ATR-MW32(110)-G090920		ATR-MW32(24.1)-G090920		ATR-MW32(89)-G090920		ATR-MW34(110)-G091020		ATR-MW34(37)-G090920		ATR-MW34(85)-G091020	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	UJ	5	UJ	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	UJ	5	UJ	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	UJ	10	UJ	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	UJ	1	UJ	1	UJ	1	U	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	U
SW8260C	UG/L	Chloroform	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1.5	J-	1	UJ	6.5		1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	UJ	5	UJ	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	UJ	1	UJ	1.1		1	U	15	
SW8260C	UG/L	Vinyl chloride	1	U	1	UJ	8.7	J-	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	UJ	1	UJ	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	UJ	2	UJ	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	UJ	3	UJ	3	U	3	U	3	U

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J = value is estimated J+ = estiamted value biased high
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-35(148)		MW-35(45)		MW-35(90)		MW-36(124.5)		MW-36(35.2)		MW-36(92.4)	
		Date Collected:	09/09/20		09/09/20		09/09/20		09/09/20		09/09/20		09/09/20	
		Field Sample ID:	ATR-MW35(148)-G090920		ATR-MW35(45)-G090920		ATR-MW35(90)-G090920		ATR-MW36(124.5)-G090920		ATR-MW36(35.2)-G090920		ATR-MW36(92.4)-G090920	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1.6		1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
J- = estiamted value biased low
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UG/L = microgram per liter
FS = Field Sample
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-37(23.3)		MW-37(70)		MW-37(98)		MW-38(102.5)		MW-38(20.8)		MW-38(29.1)	
		Date Collected:	09/08/20		09/08/20		09/08/20		09/09/20		09/09/20		09/09/20	
		Field Sample ID:	ATR-MW37(23.3)-G090820		ATR-MW37(70)-G090820		ATR-MW37(98)-G090820		ATR-MW38(102.5)-G090920		ATR-MW38(20.8)-G090920		ATR-MW38(29.1)-G090920	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	2	J+	1.5	J+	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
J- = estiamted value biased low
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UG/L = microgram per liter
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TB = Trip Blank

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DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-38(69.9)		MW-38(69.9)		MW-39(13)		MW-39(29.3)		MW-39(76.8)		MW-45(185)	
		Date Collected:	09/09/20		09/09/20		09/08/20		09/08/20		09/09/20		09/10/20	
		Field Sample ID:	ATR-MW38(69.9)-G090920		ATR-MW38(69.9)-G090920R		ATR-MW39(13)-G090820		ATR-MW39(29.3)-G090820		ATR-MW39(76.8)-G090920		ATR-MW45(185)-G091020	
		Type:	FS		FD		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	R	1	U	1	U	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	3.2		3		1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
J- = estiamted value biased low
R = result is rejected an unusable
UG/L = microgram per liter
FS = Field Sample
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-48(159)		MW-48(159)		MW-50(45)		MW-50(80)		MW-51(25)		MW-51(70)	
		Date Collected:	09/10/20		09/10/20		09/09/20		09/09/20		09/09/20		09/09/20	
		Field Sample ID:	ATR-MW48(159)-G091020		ATR-MW48(159)-G091020R		ATR-MW50(45)-G090920		ATR-MW50(80)-G090920		ATR-MW51(25)-G090920		ATR-MW51(70)-G090920	
		Type:	FS		FD		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	UJ	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	UJ	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	UJ	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	UJ	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Vinyl chloride	4.1		4.4		1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	UJ	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	UJ	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	UJ	3	U	3	U

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DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-52(148)		MW-52(55)		MW-53(41)		MW-55(49)		MW-56(50)		MW-57(38)	
		Date Collected:	09/11/20		09/11/20		09/10/20		09/10/20		09/11/20		09/10/20	
		Field Sample ID:	ATR-MW52(148)-G091120		ATR-MW52(55)-G091120		ATR-MW53(41)-G091020		ATR-MW55(49)-G091020		ATR-MW56(51)-G091120		ATR-MW57(38)-G091020	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	R	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	7.3		7.8	
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	4.4	
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U	1.7		1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-60(38)		MW-62(36)		MW-83(64)		MW-84(44)		MW-84(65)		MW-85(130)	
		Date Collected:	09/11/20		09/10/20		09/10/20		09/10/20		09/10/20		09/10/20	
		Field Sample ID:	ATR-MW60(38)-G091120		ATR-MW62(36)-G091020		ATR-MW83(64)-G091020		ATR-MW84(44)-G091020		ATR-MW84(68)-G091020		ATR-MW85(130)-G091020	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1.8		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	UJ	1	UJ	1	R	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	310		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1.5		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	2		1	U	1	U
SW8260C	UG/L	Vinyl chloride	290		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

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SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091092	
		Location:	MW-85(39)		MW-89(28)		MW-9B		MW-9C		QC		QC	
		Date Collected:	09/10/20		09/11/20		09/10/20		09/10/20		09/08/20		09/09/20	
		Field Sample ID:	ATR-MW85(39)-G091020		ATR-MW89(28)-G091120		ATR-MW9B-G091020		ATR-MW9C-G091020		ATR-EB001-090820		ATR-EB002-090920	
		Type:	FS		FS		FS		FS		EB		EB	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	UJ	1	UJ	1	UJ	1	UJ	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	UJ	1	UJ	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1.4	
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
J- = estiamted value biased low
R = result is rejected an unusable
UG/L = microgram per liter
FS = Field Sample
FD = Field Duplicate
TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091092		20091092		20091092		20091092		20091092		20091364	
		Location:	QC		QC		QC		QC		QC		MW-14	
		Date Collected:	09/09/20		09/10/20		09/11/20		09/11/20		09/11/20		09/14/20	
		Field Sample ID:	ATR-FB001-090920		ATR-EB001-G091020		ATR-TR001-G091120		ATR-TR002-G091120		ATR-EB001-G091120		ATR-MW14-G091420	
		Type:	FB		EB		TB		TB		EB		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U	1	U	1.8	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
J- = estiamted value biased low
R = result is rejected an unusable
UG/L = microgram per liter
FS = Field Sample
FD = Field Duplicate
TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091364		20091364		20091364		20091364		20091364		20091364	
		Location:	MW-15		MW-20(51)		MW-25(16.4)		MW-25(32.6)		MW-25(82)		MW-26(17.5)	
		Date Collected:	09/14/20		09/13/20		09/14/20		09/14/20		09/14/20		09/14/20	
		Field Sample ID:	ATR-MW15-G091420		ATR-MW20(51)-G091320		ATR-MW25(16.4)-G091420		ATR-MW25(32.6)-G091420		ATR-MW25(82)-G091420		ATR-MW26(17.5)-G091420	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	UJ	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1.1		1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	UJ	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	33	J+	1	U	1	U	2.7		1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
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UG/L = microgram per liter
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FD = Field Duplicate
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091364		20091364		20091364		20091364		20091364		20091364	
		Location:	MW-26(28.8)		MW-26(58.8)		MW-6C		OW-06(38)		OW-06(63)		OW-06(63)	
		Date Collected:	09/14/20		09/14/20		09/13/20		09/13/20		09/13/20		09/13/20	
		Field Sample ID:	ATR-MW26(28.8)-G091420		ATR-MW26(58.2)-G091420		ATR-MW6C-G091320		ATR-OW6(38)-G091320		ATR-OW6(63)-G091320		ATR-OW6(63)-G091320R	
		Type:	FS		FS		FS		FS		FS		FD	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1.2		1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1.4		1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

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UG/L = microgram per liter
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091364		20091364		20091366		20091366		20091366		20091366	
		Location:	QC		QC		MW-17		MW-27(18)		MW-59(29)		MW-59(29)	
		Date Collected:	09/13/20		09/13/20		09/14/20		09/14/20		09/14/20		09/14/20	
		Field Sample ID:	ATR-TB001-091320		ATR-EB001-091320		ATR-MW17-G091420		ATR-MW27(18)-G091420		ATR-MW59(29)-G091420		ATR-MW59(29)-G091420R	
		Type:	TB		EB		FS		FS		FS		FD	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	2.8		1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1.7	J+	2.2	J+
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	19	J+	1	U	1	U	1.2	J+
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1.3	J+	1.2	J+
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	24	J+	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	3.1	J+	1	U	2.5	J+	3	J+
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	2.5	J+	2.3	J+
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	4.2	J+	3.7	J+
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	6.6	J+	6	J+

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
J- = estiamted value biased low
R = result is rejected an unusable
UG/L = microgram per liter
FS = Field Sample
FD = Field Duplicate
TB = Trip Blank

TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091366		20091366		20091366		20091366		20091366		20091366	
		Location:	MW-59(46)		MW-68(32)		MW-72(32)		MW-81(27)		MW-82(58)		OW-01(39)	
		Date Collected:	09/14/20		09/14/20		09/14/20		09/14/20		09/14/20		09/13/20	
		Field Sample ID:	ATR-MW59(46)-G091420		ATR-MW68(32)-G091420		ATR-MW72(32)-G091420		ATR-MW81(27)-G091420		ATR-MW82(58)-G091420		ATR-OW1(39)-G091320	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	130		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	UJ	1	UJ	1	UJ	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	2800		1.5		1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	6		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	5.8		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	23		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	380		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1100		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	5.2		1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	4.1		2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	9.4		3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
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UG/L = microgram per liter
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091366		20091366		20091366		20091366		20091366		20091366	
		Location:	OW-02(33)		OW-02(53)		OW-03(35)		OW-03(55)		OW-04(35)		OW-04(54)	
		Date Collected:	09/13/20		09/13/20		09/13/20		09/13/20		09/13/20		09/13/20	
		Field Sample ID:	ATR-OW2(33)-G091320		ATR-OW2(53)-G091320		ATR-OW3(35)-G091320		ATR-OW3(55)-G091320		ATR-OW4(35)-G091320		ATR-OW4(54)-G091320	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
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UG/L = microgram per liter
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091366		20091366		20091366		20091366		20091378		20091378	
		Location:	OW-05(16)		OW-05(35)		OW-05(54)		QC		MW-65(32)		MW-67(30)	
		Date Collected:	09/13/20		09/13/20		09/13/20		09/14/20		09/15/20		09/15/20	
		Field Sample ID:	ATR-OW5(16)-G091320		ATR-OW5(35)-G091320		ATR-OW5(44)-G091320		ATR-EB001-G091420		ATR-MW65(32)-G091520		ATR-MW67(30)-G091520	
		Type:	FS		FS		FS		EB		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U	1	U	1	U	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1.4	
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	1	U	1	U	1	U	2.1	
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

U = not detected, value is the detection limit
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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091378		20091378		20091378		20091378		20091378		20091378	
		Location:	MW-71(33)		MW-75(32)		MW-76(30)		MW-77(41)		MW-78(35)		MW-79(30)	
		Date Collected:	09/14/20		09/15/20		09/15/20		09/15/20		09/15/20		09/15/20	
		Field Sample ID:	ATR-MW71(33)-G091420		ATR-MW75(32)-G091520		ATR-MW76(30)-G091520		ATR-MW77(41)-G091520		ATR-MW78(35)-G091520		ATR-MW79(30)-G091520	
		Type:	FS		FS		FS		FS		FS		FS	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U	10	U	10	U	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Bromomethane	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW8260C	UG/L	Carbon disulfide	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U	2.2		1	U	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U	5	U	5	U	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U	2.1		1	U	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U	6.8		1	U	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U	1	U	1	U	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U	2	U	2	U	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U	3	U	3	U	3	U	3	U

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TABLE 4 - FINAL RESULTS SUMMARY
DATA VALIDATION REPORT
SEPTEMBER 2020 GROUNDWATER SAMPLING
TEXTRON FORMER TORX FACILITY
ROCHESTER, INDIANA

		SDG:	20091378		20091378	
		Location:	QC		QC	
		Date Collected:	09/15/20		09/15/20	
		Field Sample ID:	ATR-TB001-G091520		ATR-EB001-G091520	
		Type:	TB		EB	
Method	Unit	Parameter	Final Result	Final Qualifier	Final Result	Final Qualifier
SW8260C	UG/L	1,1,1-Trichloroethane	1	U	1	U
SW8260C	UG/L	1,1,2,2-Tetrachloroethane	1	U	1	U
SW8260C	UG/L	1,1,2-Trichloroethane	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethane	1	U	1	U
SW8260C	UG/L	1,1-Dichloroethene	1	U	1	U
SW8260C	UG/L	1,2-Dichloroethane	1	U	1	U
SW8260C	UG/L	1,2-Dichloropropane	1	U	1	U
SW8260C	UG/L	2-Butanone	5	U	5	U
SW8260C	UG/L	2-Hexanone	5	U	5	U
SW8260C	UG/L	4-Methyl-2-pentanone	1	U	1	U
SW8260C	UG/L	Acetone	10	U	10	U
SW8260C	UG/L	Benzene	1	U	1	U
SW8260C	UG/L	Bromodichloromethane	1	U	1	U
SW8260C	UG/L	Bromoform	1	U	1	U
SW8260C	UG/L	Bromomethane	1	U	1	U
SW8260C	UG/L	Carbon disulfide	1	U	1	U
SW8260C	UG/L	Carbon tetrachloride	1	U	1	U
SW8260C	UG/L	Chlorobenzene	1	U	1	U
SW8260C	UG/L	Chloroethane	1	U	1	U
SW8260C	UG/L	Chloroform	1	U	1	U
SW8260C	UG/L	Chloromethane	1	U	1	U
SW8260C	UG/L	cis-1,2-Dichloroethene	1	U	1	U
SW8260C	UG/L	cis-1,3-Dichloropropene	1	U	1	U
SW8260C	UG/L	Dibromochloromethane	1	U	1	U
SW8260C	UG/L	Ethylbenzene	1	U	1	U
SW8260C	UG/L	Methylene chloride	5	U	5	U
SW8260C	UG/L	Styrene	1	U	1	U
SW8260C	UG/L	Tetrachloroethene	1	U	1	U
SW8260C	UG/L	Toluene	1	U	1	U
SW8260C	UG/L	trans-1,2-Dichloroethene	1	U	1	U
SW8260C	UG/L	trans-1,3-Dichloropropene	1	U	1	U
SW8260C	UG/L	Trichloroethene	1	U	1	U
SW8260C	UG/L	Vinyl chloride	1	U	1	U
SW8260C	UG/L	Xylene, o	1	U	1	U
SW8260C	UG/L	Xylenes (m&p)	2	U	2	U
SW8260C	UG/L	Xylenes, Total	3	U	3	U

U = not detected, value is the detection limit
J = value is estimated J+ = estiamted value biased high
J- = estiamted value biased low
R = result is rejected an unusable
UG/L = microgram per liter
FS = Field Sample
FD = Field Duplicate
TB = Trip Blank