



Applied *Eco*Systems, Inc.

Environmental Management, Consulting & Field Services

SEMI-ANNUAL GROUNDWATER MONITORING DATA REPORT

TO: Tyler Jacobs, USEPA

CC: Shaun Shields, EGLE RRD
Brendan Mullen, RACER
Dave Favero, RACER

FROM: Rodney Abke, Applied EcoSystems, Inc.

DATE: June 24, 2026

SUBJECT: RACER Flint West Industrial Land (#12990)
Semi-Annual Monitoring



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1.0 INTRODUCTION

Since the previous Data Report (dated December 29, 2025), Applied EcoSystems, Inc. (Æ) conducted a routine groundwater monitoring event (gauging and sampling) on the RACER Flint West Industrial Land (Site) and on the north-adjointing Genesee County Parks (GCP) property on March 17 and 18, 2026. Per USEPA's August 13, 2024, email approval, this monitoring event was the first every other year event to include five up- and side-gradient wells (MW-100S, MW-104S, MW-106SR, MW-107S, and MW-117S). The next monitoring event to include these five side-gradient wells will be in the Spring of 2028. This report provides a summary and the results of that groundwater monitoring event.

A Site Location Map is included in Figure 1; and for reference, Site investigation locations are included in Figure 2. The Site consists of approximately three acres of land located west of Stevens Street and north of Glenwood Avenue in Flint, Genesee County, Michigan. Almost the entire Site consists of concrete pavement remaining after the demolition of a former manufacturing building. The Site is secured with a locked chain-link fence.

The Site is developed with a Consumers Energy electrical substation that has an equipment shelter in the central part of the Site and a utility conduit shed on the southeast corner of the Site. Per John Ebenhoeh with Consumers Energy, the small building on the southeast corner is a shelter for electrical conduits that run under the road to the GM tool and die facility. This small building is accessed approximately once per year for approximately two hours. The building in the fenced area is a support equipment shelter for the substation. The fenced area is accessed approximately once per month for approximately two hours, and the building itself is accessed less frequently and for shorter durations.

2.0 MONITORING ACTIVITIES COMPLETED

Groundwater Monitoring¹

- All monitoring wells were gauged for depth to water on March 17 and 18, 2026. A Groundwater Contour Map prepared using March 17 and 18, 2026, groundwater elevation data is included as Figure 3 in Appendix A. For reference, previously submitted cross-section diagrams showing soil types and groundwater elevations are included in Appendix B as Attachment 1.
- This routine groundwater monitoring event was conducted on March 17 and 18, 2026.
- Groundwater samples were collected from monitoring wells MW-100S, MW-103S, MW-104S, MW-106SR, MW-107S, MW-108S, MW-110S, MW-112S, MW-114S, and MW-117S¹ to be analyzed for Volatile Organic Compounds (VOCs), dissolved and total metals (arsenic, chromium [total], chromium VI, copper, lead, selenium, and zinc), and per- and polyfluoroalkyl substances (PFAS).

¹ A reduction in the number of wells sampled during the semi-annual sampling events was requested in an email dated August 13, 2024. Additionally, based on discussion with the USEPA and the correspondence, five side-gradient wells (MW-100S, MW-104S, MW-106SR, MW-107S, and MW-117S) will be sampled once every two years beginning in the Spring of 2026. USEPA approved the requested revised sampling plan via an August 13, 2024, email.

Analytical results are summarized in Appendix B as Attachment 2. Laboratory analytical reports for all monitoring activities are included in Appendix B as Attachment 3.

3.0 MONITORING RESULTS

Comparison of the March 17 and 18, 2026, groundwater data to the current EGLE Generic Residential Drinking Water Cleanup Criteria (GRDWCC) and Generic Groundwater Surface Water Interface Cleanup Criteria (GSIC) dated October 12, 2023, and to USEPA Maximum Contaminant Levels (MCLs) for five PFAS compounds including PFOA and PFOS is discussed following based on the lowest of the above criteria.

Metals: The dissolved metal concentrations are considered to be more representative of Site groundwater conditions than total metal concentrations for the purposes of this assessment due to the potential influence of suspended solids on the total results. This event there were no detections of dissolved metals exceeding GRDWCC or GSIC. There were exceedances of several total concentrations of different metals in a few wells, most noticeably Chromium and Copper in MW-106SR and MW-117S. It is noted that MW-106SR is an upgradient well and MW-117S is a perimeter side-gradient well. The concentrations, with the exception of Chromium and Copper in MW-106R and MW-117S, are consistent with expected regional conditions, do not appear to represent a plume, and are considered generally to be naturally occurring. Although EGLE has published state-wide and regional “background” concentrations for soils, no such values have been published for groundwater; however, the concentrations generally are consistent with concentrations encountered by Æ at other uncontaminated sites in the Flint area.

VOCs: Note that elevated tetrachloroethene levels consistently have been detected in one upgradient well (MW-105S) since April 2012, and trichloroethene (TCE) also consistently has been detected in the same well, likely as a degradation product of the tetrachloroethene. This well is hydrogeologically downgradient from a former print shop located south of the Site.

The primary Site-specific constituents of concern have been TCE and vinyl chloride, which appear to be exhibiting natural attenuation. As presented in Table 2 below, TCE was detected above its drinking water criteria in only one well, MW-114S, this event. Overall, VOC concentrations have generally been decreasing.

VOCs Exceedances in Groundwater

Well ID	VOC	Drinking Water Criterion	GSI Criterion	Result
MW-114S	Trichloroethene	5	200	35 (31)

- All results are expressed in µg/L. Result in parentheses is from a duplicate sample.
- Groundwater criterion in **red** indicate a criterion exceedance.

PFAS: Detected concentrations of PFAS that have EGLE criteria or USEPA MCLs did not exceed criteria in any sample, except Perfluorooctane sulfonic acid (PFOS) concentrations exceeded its MCL (4 ng/L) and/or GSI criteria (12 ng/L) in the samples from MW-100S, MW-103S, MW-106SR, MW-

107S, and MW-112S. None of the wells with detected PFOS concentrations above its MCL and/or GSI criteria is one of the furthest downgradient wells. These results are similar to the previous PFAS results for the groundwater samples collected in September 2025 except PFOS concentrations in one of the furthest downgradient wells, MW-114S, and MW-103S noticeably declined, and the concentration in MW-106R, an upgradient well, noticeably increased. Overall, PFOS concentrations have generally been decreasing or have remained stable.

A table of groundwater sample analytical results for all groundwater samples collected on behalf of RACER is included in Appendix B as Attachment 2. Sample analytical results for the March 2026 sampling event are included in Appendix B as Attachment 3. Figure 4 illustrates the GSI and drinking water exceedances for VOCs and metals in groundwater identified in groundwater samples collected during the March 2026 event and the most recent results for other wells. For reference, Figure 5 includes data boxes and exceedances identified in soil samples. Figure 6 includes data boxes and exceedances for PFAS results. Low-flow sampling forms for the March 2026 sampling event are included in Appendix D (the low-flow meter malfunctioned during sampling of some wells due to freezing temperatures and are not included). The Laboratory Data Validation Report is included in Appendix E.

4.0 LABORATORY DATA VALIDATION SUMMARY

On March 17 and 18, 2026, Æ collected groundwater samples from ten monitoring wells at the RACER Flint West Industrial Land Site using USEPA low-stress sampling protocols. One duplicate sample, two field blanks, and one matrix spike and duplicate were collected. Samples were collected in appropriate laboratory-provided bottles with laboratory-provided preservatives and were maintained on ice until delivery under complete chain-of-custody protocols to Merit Laboratories within appropriate holding times. No sample condition issues were identified in the field or upon laboratory receipt. Samples were analyzed by specified standard methods for VOCs, EGLE 28 PFAS, six total and dissolved metals, and total and dissolved chromium VI. Filtration and preservation for dissolved metals (including dissolved chromium VI) were performed immediately upon laboratory receipt instead of during field collection.

Laboratory deliverables include four analytical laboratory reports, four quality control reports, and chains-of-custody for each. Each laboratory report contained a case narrative, laboratory accreditation/certification information, laboratory contact information, analytical methods, and analyte reporting relative to method detection limits (MDLs) and reporting limits (RLs). Data qualifiers were identified and evaluated in this Laboratory Data Validation report. No samples were extracted or analyzed beyond their holding times.

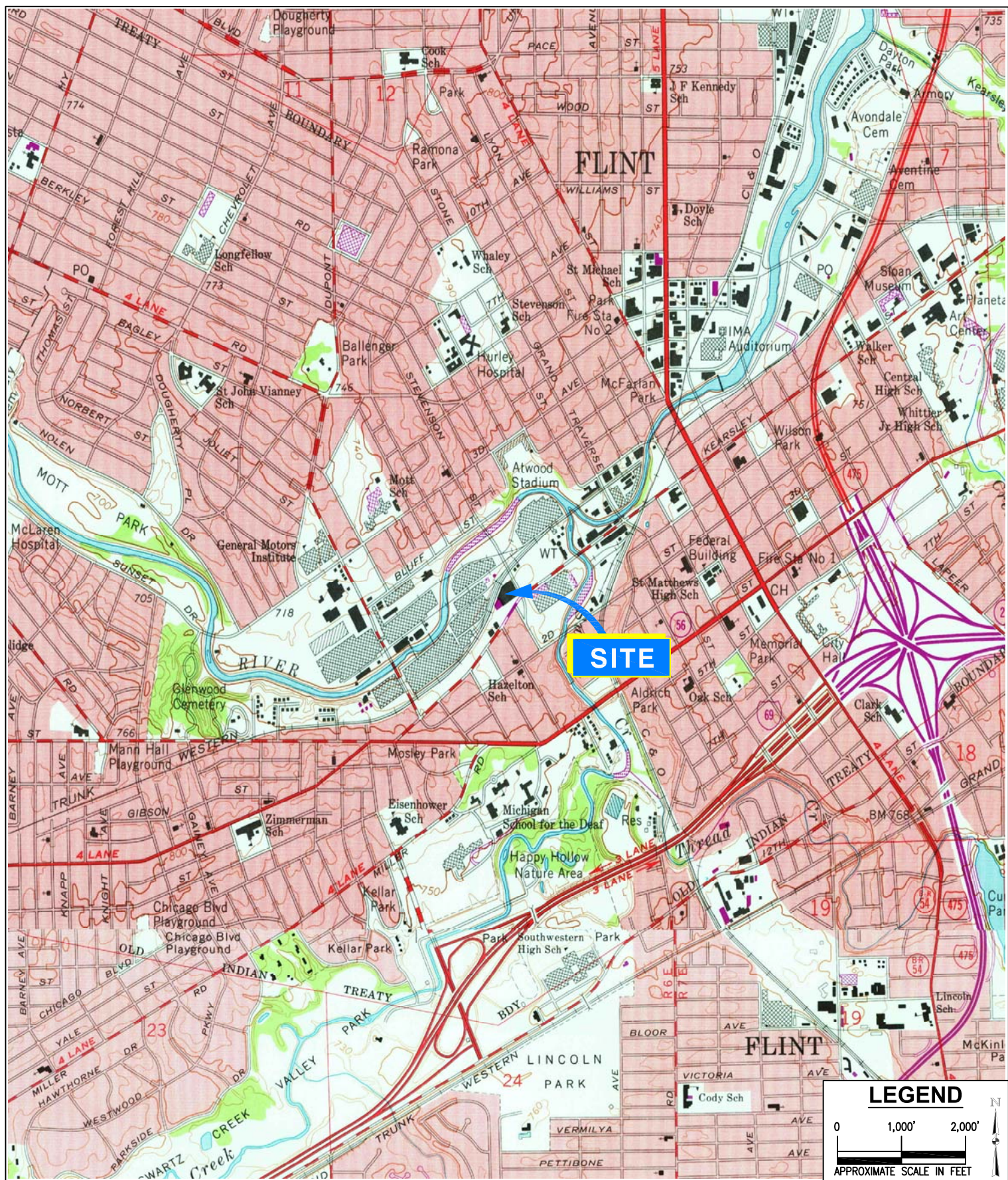
All surrogate recoveries were within their allowable ranges for each surrogate compound, indicating satisfactory laboratory performance. Analysis of laboratory blank samples identified no indications of significant cross-contamination. Detectable concentrations of those analytes were not identified in other samples. The equipment blank identified no detectable analytes greater than RLs, including PFAS. The field blank also was determined to contain no detectable analytes. Accordingly, no significant indications of cross-contamination were identified. Laboratory Control Spike (LCS) and LCS Duplicate analyses indicated the potential for PFAS analytes to exhibit wide variations within

Recovery Control Limits; however, because those analytes were detected at the Site only in spiked samples, this condition is not considered to have affected report conclusions.

Based on the assessment detailed in the foregoing QA/QC summary, the laboratory data summarized in Table 2 are considered acceptable within the specific qualifications noted herein.

5.0 SCHEDULE

The USEPA-approved revised monitoring plan includes semi-annual sampling of MW-103S, MW-108S, MW-110S, MW-112S, and MW-114S. Samples will be analyzed for VOCs, dissolved and total metals (arsenic, chromium [total], chromium VI, copper, lead, selenium, and zinc), and PFAS. The next semi-annual monitoring event, which will not include the up- and side-gradient wells, will be completed in the Fall of 2026. Because of the reported concentrations of Total Chromium and Total Copper MW-106SR and MW-117S, and PFOS in MW-106SR, we propose to sample those two wells in the Fall 2026 event and analyze the samples for total and dissolved Chromium and Copper, and in addition analyze the sample from MW-106R for PFAS.



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Site Location Map

RACER Flint West #12990

Glenwood Avenue & Stevenson Street
Flint, Michigan

SOURCE: USGS FLINT SOUTH QUADRANGLE
(PROVISIONAL EDITION 1975)

DRAWING DATE:

04/06/2020

CHECKED BY:

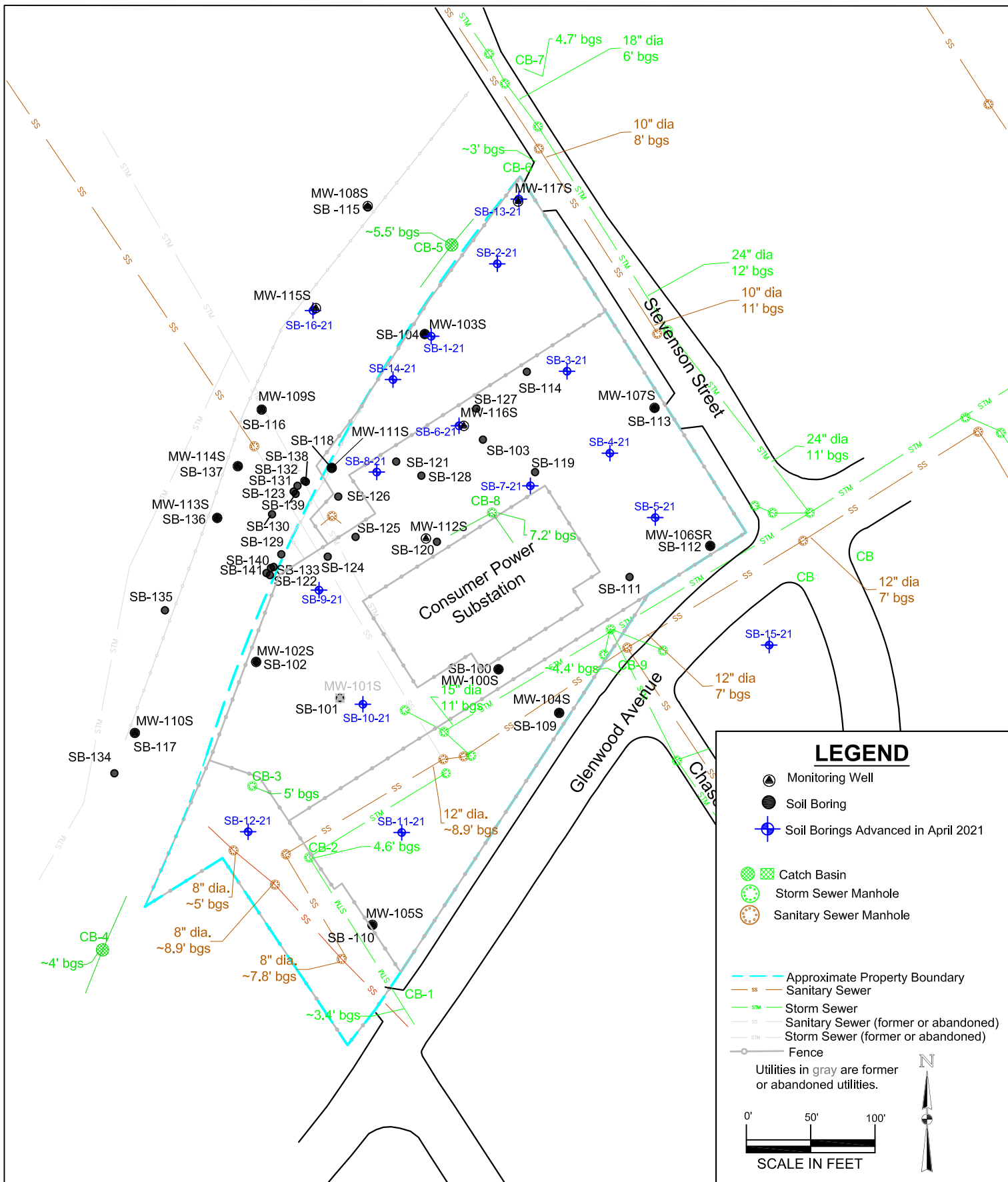
MDS

PROJECT:

11-4317-102

FIGURE:

1



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Site Map

RACER Flint West -12990
Flint West Industrial Land, Flint, Michigan

DATE:

12/22/2025

CHECKED BY:

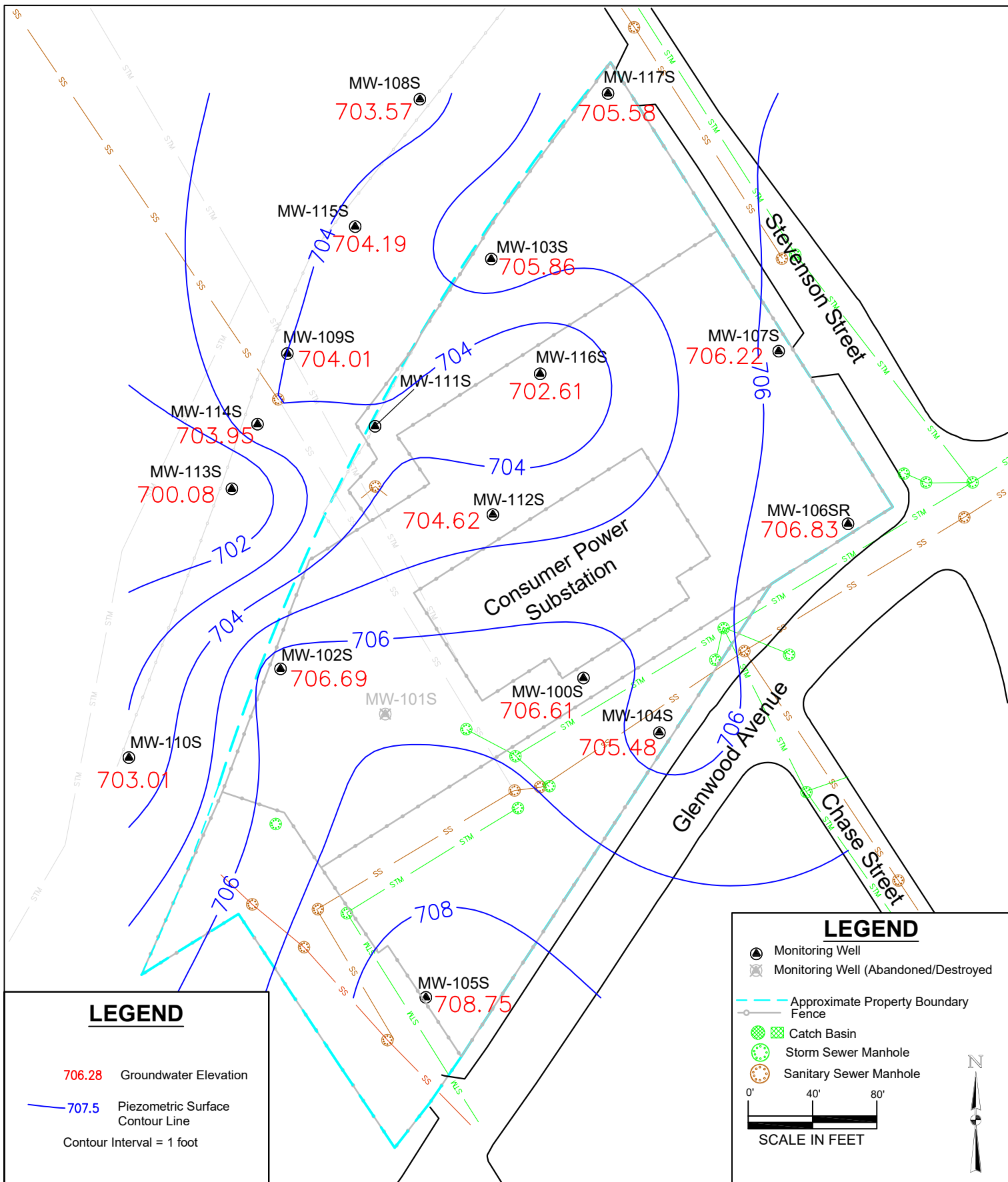
MDS

PROJECT:

11-4317-102

FIGURE:

2



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Groundwater Contour Map (March 17, 2026)

RACER Flint West -12990
Flint West Industrial Land, Flint, Michigan

DATE:

04/14/2026

CHECKED BY:

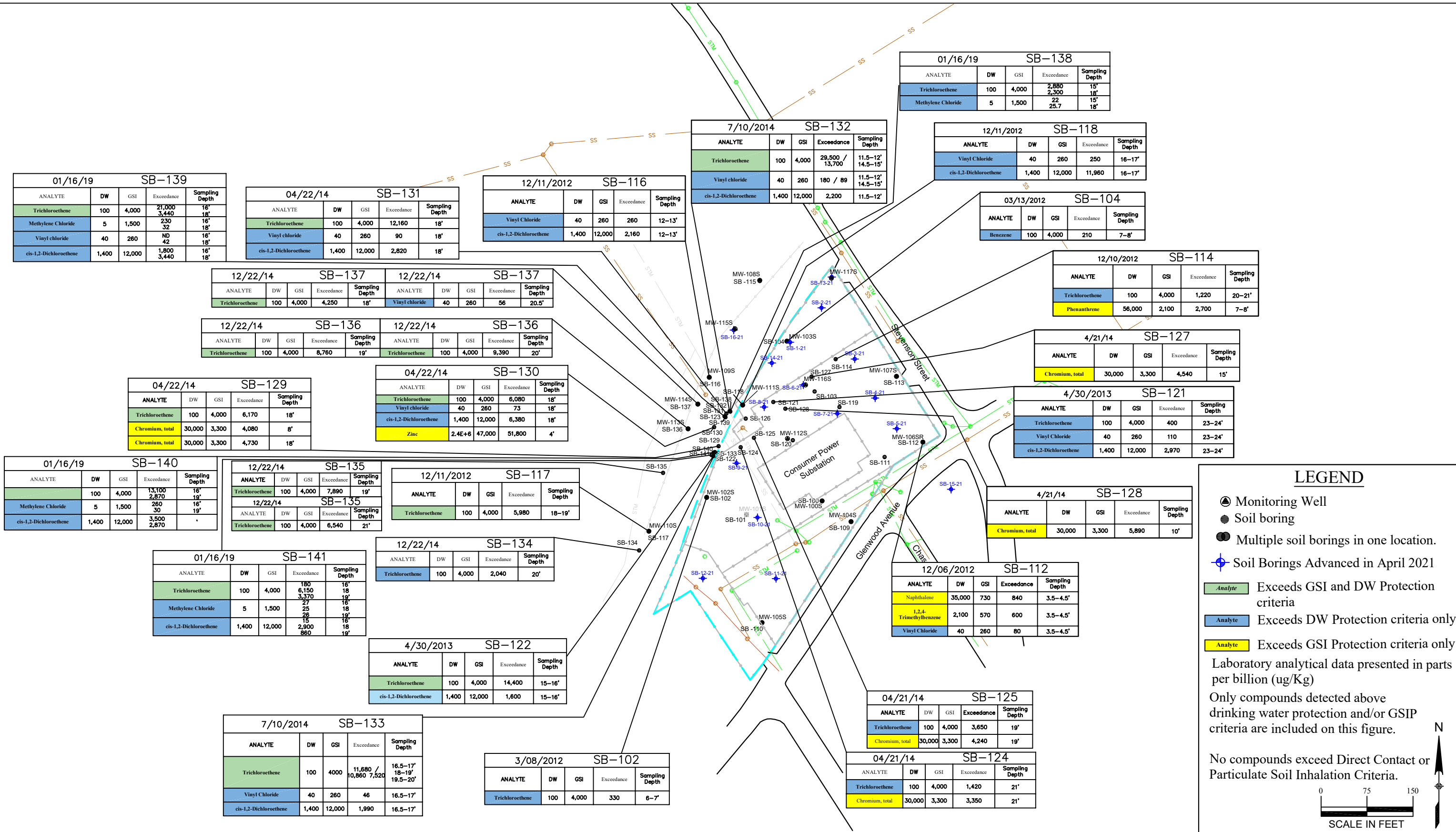
MDS

PROJECT:

11-4317-102

FIGURE:

3



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**Drinking Water Protection and GSIP
Exceedances in Soil (VOCs and Metals)**

**RACER Flint West -12990
Flint West Industrial Land, Flint, Michigan**

06/17/2026

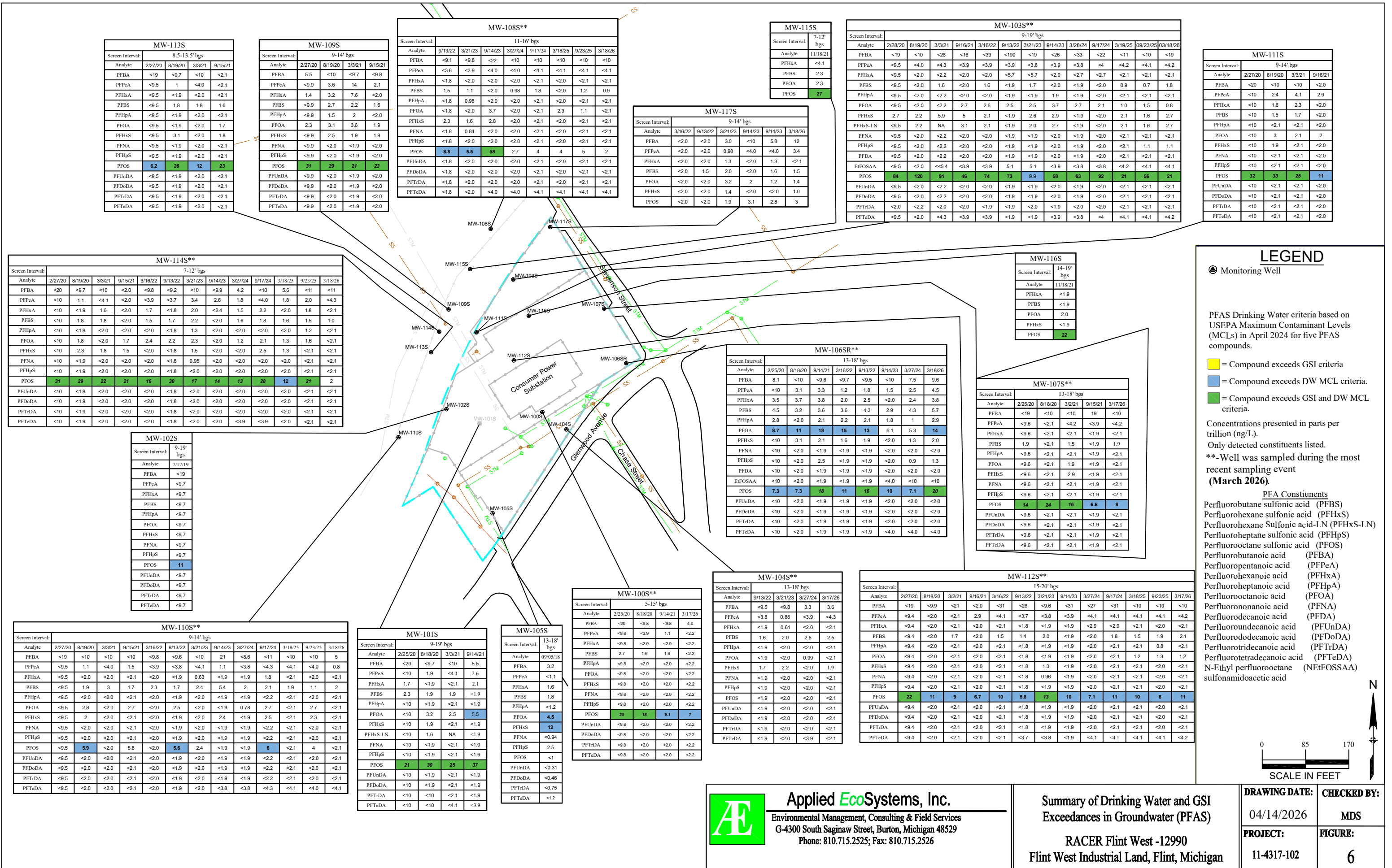
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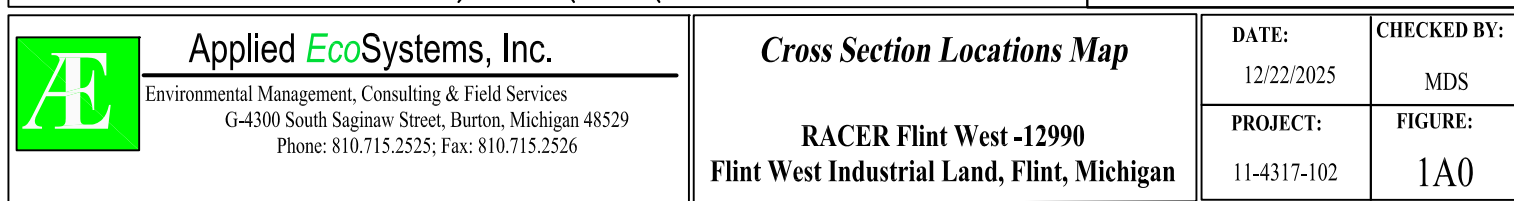
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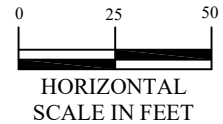
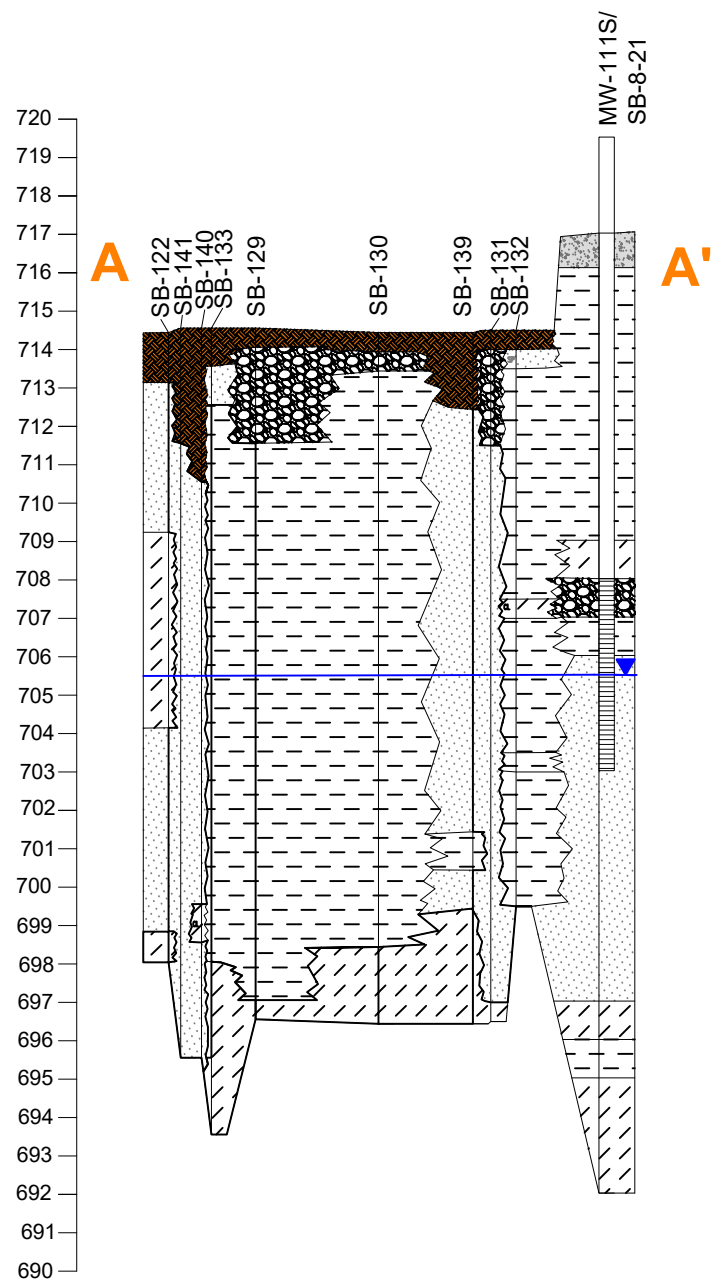
MDS

FIGURE:

5

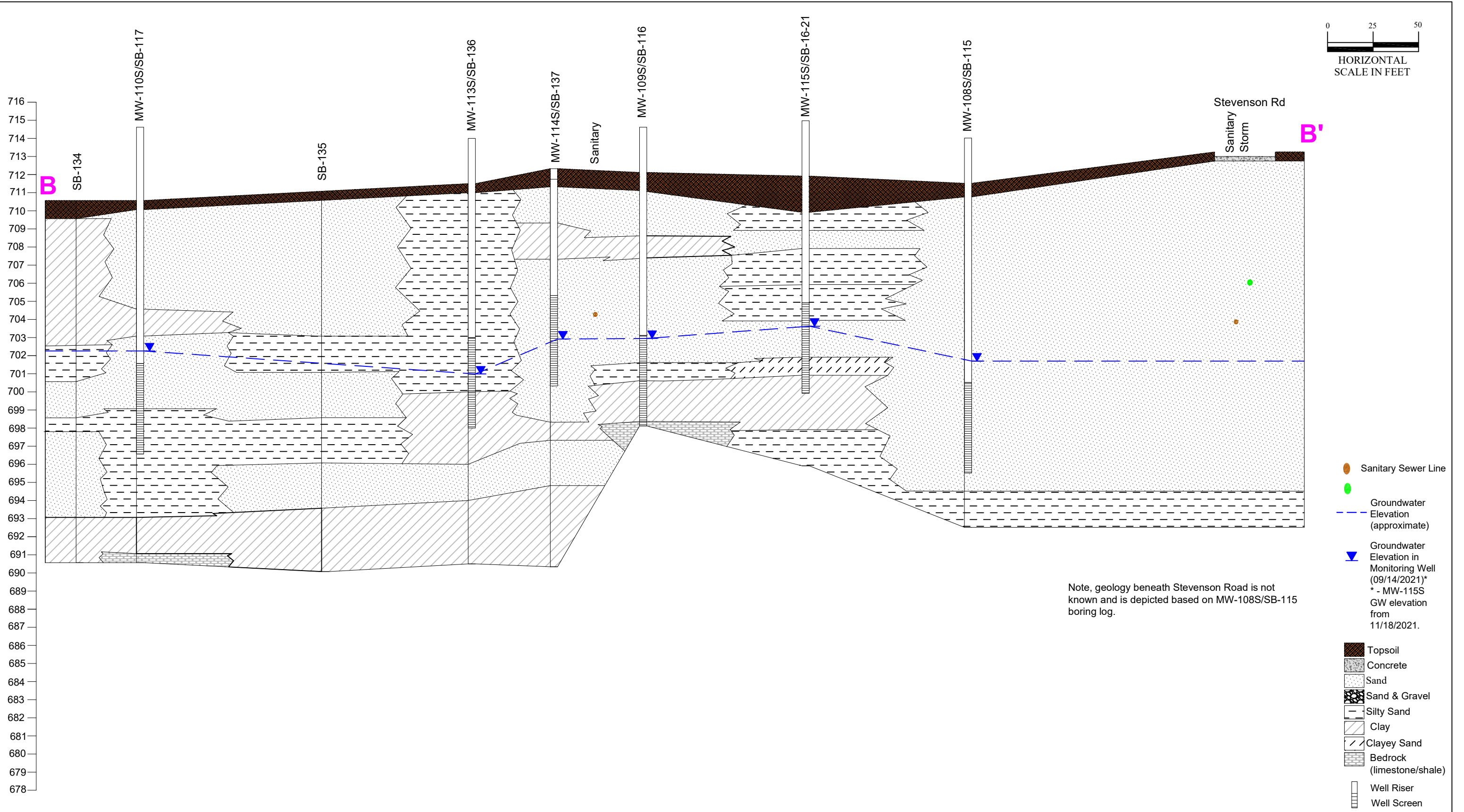






- Sanitary Sewer Line
- Groundwater Elevation (approximate)
- Groundwater Elevation in Monitoring Well (09/14/2021)*
* - MW-115S
GW elevation from 11/18/2021.
- Topsoil
- Concrete
- Sand
- Sand & Gravel
- Silty Sand
- Clay
- Clayey Sand
- Bedrock (limestone/shale)
- Well Riser
- Well Screen

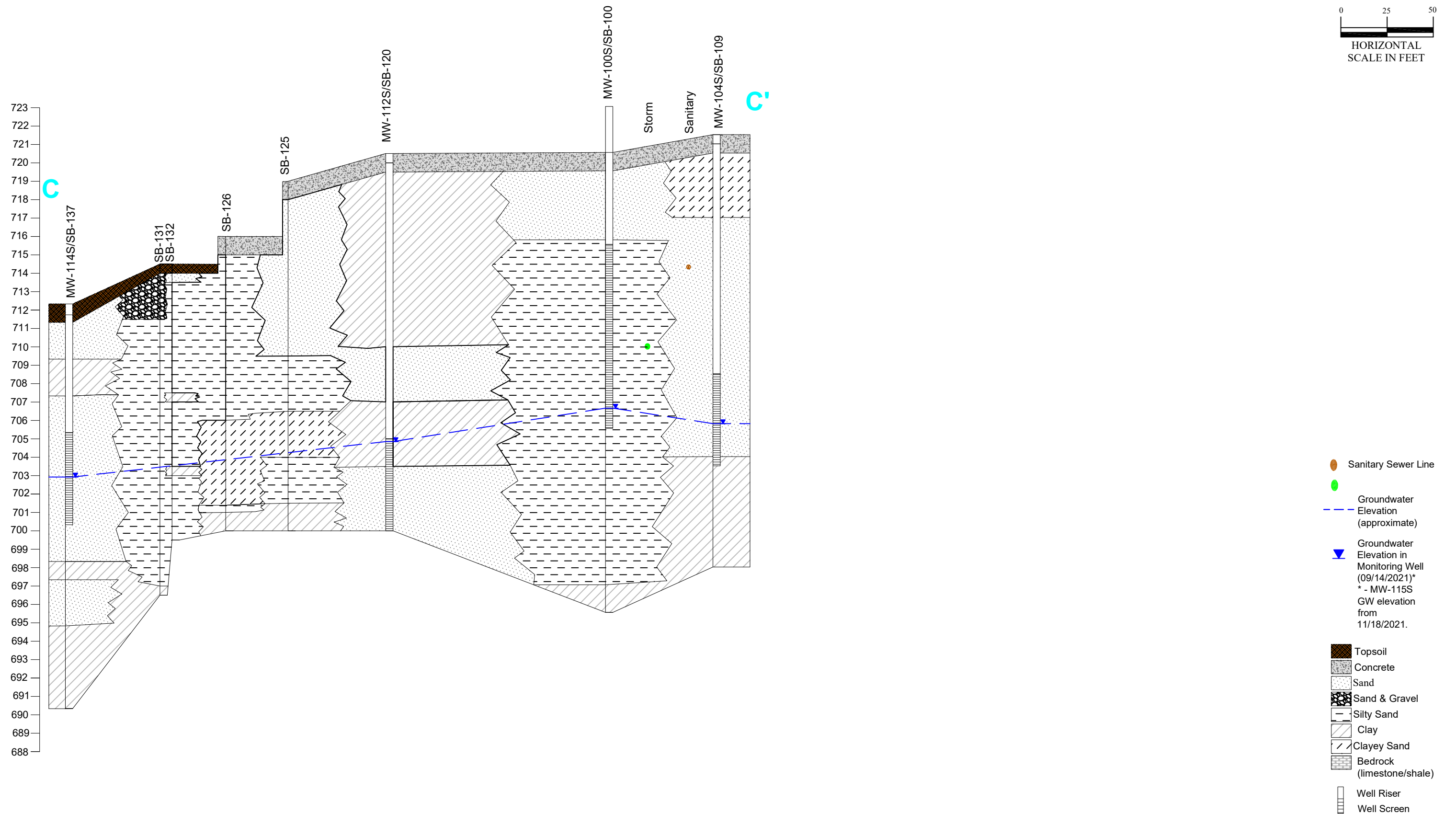
	Applied <i>Eco</i>Systems, Inc.	<i>Cross Section A-A'</i>		DRAWING DATE:	CHECKED BY:
	Environmental Management, Consulting & Field Services G-4300 South Saginaw Street, Burton, Michigan 48529 Phone: 810.715.2525; Fax: 810.715.2526	RACER Flint West -12990		12/22/2025	MDS
		Flint West Industrial Land, Flint, Michigan		PROJECT: 11-4317-102	FIGURE: 1A1



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Cross Section B-B'
RACER Flint West -12990
Flint West Industrial Land, Flint, Michigan

DRAWING DATE:	CHECKED BY:
12/22/2025	MDS
PROJECT:	FIGURE:
11-4317-102	1A2

Applied **Eco**Systems, Inc.

Cross Section C-C'

DRAWING DATE:	CHECKED BY:
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MDS

PROJECT:

FIGURE:

11-4317-102

1A3

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Acetone	2-Butanone (MEK)	Benzene	n-Butylbenzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	2-Hexanone	p-Isopropyltoluene	
Drinking Water - Res						730	13,000	5 (A)	80	80 (A,W)	800	5 (A)	100 (A)	80 (A,W)	260	880	7 (A)	600 (A)	6.6	75 (A)	70 (A)	100 (A)	74 (E)	1,000	NA	
Drinking Water - Non-Res						2,100	38,000	5 (A)	230	80 (A,W)	2,300	5 (A)	100 (A)	80 (A,W)	1,100	2,500	7 (A)	600 (A)	19	75 (A)	70 (A)	100 (A)	74 (E)	2,900	NA	
Groundwater Surface Water Interface						1,700	2,200	200 (X)	ID	ID	ID	38 (X)	25	350	ID	740	130	13	28	17	620	1,500 (X)	18	ID	NA	
Volatilization to Indoor Air - Res						1.0E+09	2.4E+08 (S)	5,600	ID	4,800	250,000	370	210,000	28,000	8,600	1.0E+06	200	160,000 (S)	18,000	16,000	93,000	85,000	110,000	4.2E+06	NA	
Volatilization to Indoor Air - Non-Res						1.0E+09	2.4E+08 (S)	35,000	ID	37,000	550,000	2,400	470,000	180,000	45,000	2.3E+06	1,300	160,000 (S)	41,000	74,000 (S)	210,000	200,000	170,000 (S)	8.7E+06	NA	
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																					
MW-100S TOS(bgs): 5 BOS(bgs): 15 GE: 720.56 Finish: stickup Stickup Height: 2.50	723.06	ND	14.97	708.09	07/16/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	12	<1	<1	<50	<5	
	723.06	ND	15.26	707.80	02/25/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	0.15	<1	<1	<1	0.32	<1	9	<1	<1	<50	<5	
	723.06	ND	16.07	706.99	08/18/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	0.25	<1	<1	<1	<1	<1	3	<1	<1	<50	<5	
	723.06	ND	17.48	705.58	03/02/21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	723.06	ND	16.40	706.66	09/14/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	6	<1	<1	<50	<5	
	723.06	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	723.06	ND	17.63	705.43	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	723.06	ND	17.42	705.64	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	723.06	ND	17.62	705.44	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.40	705.66	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.35	706.71	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	15.94	707.12	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
723.06	ND	16.45	706.61	03/17/26	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	0.27	<1	<1	<50	<5	
MW-101S TOS(bgs): 9 BOS(bgs): 19 GE: 719.58 Finish: stickup Stickup Height: 2.50 well destroyed well destroyed well destroyed well destroyed Abandoned 3/18/25	722.08	ND	15.84	706.24	07/16/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5	
	722.08	ND	16.00	706.08	02/25/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	0.25	<1	<1	<1	<1	<1	<50	<5
	722.08	ND	17.00	705.08	08/18/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	722.08	ND	18.58	703.50	03/03/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	722.08	ND	17.59	704.49	09/14/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	722.08	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	15.96	706.12	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	722.08	ND	16.56	705.52	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Acetone	2-Butanone (MEK)	Benzene	n-Butylbenzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	2-Hexanone	p-Isopropyltoluene
Drinking Water - Res						730	13,000	5 (A)	80	80 (A,W)	800	5 (A)	100 (A)	80 (A,W)	260	880	7 (A)	600 (A)	6.6	75 (A)	70 (A)	100 (A)	74 (E)	1,000	NA
Drinking Water - Non-Res						2,100	38,000	5 (A)	230	80 (A,W)	2,300	5 (A)	100 (A)	80 (A,W)	1,100	2,500	7 (A)	600 (A)	19	75 (A)	70 (A)	100 (A)	74 (E)	2,900	NA
Groundwater Surface Water Interface						1,700	2,200	200 (X)	ID	ID	ID	38 (X)	25	350	ID	740	130	13	28	17	620	1,500 (X)	18	ID	NA
Volatilization to Indoor Air - Res						1.0E+09	2.4E+08 (S)	5,600	ID	4,800	250,000	370	210,000	28,000	8,600	1.0E+06	200	160,000 (S)	18,000	16,000	93,000	85,000	110,000	4.2E+06	NA
Volatilization to Indoor Air - Non-Res						1.0E+09	2.4E+08 (S)	35,000	ID	37,000	550,000	2,400	470,000	180,000	45,000	2.3E+06	1,300	160,000 (S)	41,000	74,000 (S)	210,000	200,000	170,000 (S)	8.7E+06	NA
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																				
MW-102S TOS(bgs): 9 BOS(bgs): 19 GE: 720.28 Finish: stickup Stickup Height: 2.50	722.78	ND	15.58	707.20	07/17/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	722.78	ND	15.61	707.17	02/25/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	0.11	<1	<1	<1	<1	<50	<5
	722.78	ND	16.13	706.65	08/18/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	0.15	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	722.78	ND	17.07	705.71	03/02/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	722.78	ND	16.48	706.30	09/14/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	722.78	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.81	705.97	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.36	705.42	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.39	705.39	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.23	705.55	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.78	707.00	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.88	706.90	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.09	706.69	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-103S TOS(bgs): 9 BOS(bgs): 19 GE: 717.16 Finish: stickup Stickup Height: 2.50	719.66	ND	13.71	705.95	07/17/19	4.1	<25	0.26	<1	<1	<5	<1	0.47	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	719.66	ND	13.58	706.08	02/28/20	<50	<25	0.26	<1	<1	0.26	<1	0.53	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	719.66	ND	14.22	705.44	08/19/20	<50	<25	0.91	<1	<1	<5	<1	3	<1	0.91	<1	<1	0.13	<1	<1	0.44	<1	<1	<50	<5
	719.66	ND	15.05	704.61	03/03/21	<50	<25	0.71	<1	<1	<5	<1	4	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	719.66	ND	14.31	705.35	09/14/21	<50	<25	<1	<1	<1	0.17	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	719.66	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.66	14.68	14.86	704.80	03/16/22	<50	<25	0.54	<1	<1	0.18	<1	0.64	<1	<5	<1	<1	<1	<1	<1	0.12	<1	<1	<50	<5
	719.66	ND	15.05	704.61	09/13/22	<50	<25	1	<1	<1	<5	<1	2	<1	<5	<1	<1	0.17	<1	0.13	0.16	<1	<1	<50	<5
	719.66	ND	15.00	704.66	03/21/23	<50	<25	0.22	0.2	<1	0.24	<1	3	<1	<5	<1	<1	0.27	<1	<1	<1	<1	0.12	<50	0.11
	719.66	ND	13.22	706.44	09/14/23	<50	<25	<1	<1	<1	<5	<1	0.18	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	719.66	ND	13.69	705.97	03/28/24	<50	<25	0.25	<1	<1	<5	<1	0.33	<1	<5	<1	<1	<1	<1	<1	0.2	<1	<1	<50	<5
	719.66	ND	13.87	705.79	09/17/24	<50	<25	0.92	<1	<1	<5	<1	1	<1	<5	<1	<1	<1	<1	<1	0.56	<1	<1	<50	<5
	719.66	ND	15.01	704.65	03/18/25	<50	<25	0.31	<1	<1	<5	<1	2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	719.66	ND	15.00	704.66	09/23/25	<50	<25	0.43	<1	<1	<5	<1	0.97	<1	<5	<1	<1	0.18	<1	<1	0.17	<1	<1	<50	<5
	719.66	ND	13.80	705.86	03/18/26	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Acetone	2-Butanone (MEK)	Benzene	n-Butylbenzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	2-Hexanone	p-Isopropyltoluene
Drinking Water - Res						730	13,000	5 (A)	80	80 (A,W)	800	5 (A)	100 (A)	80 (A,W)	260	880	7 (A)	600 (A)	6.6	75 (A)	70 (A)	100 (A)	74 (E)	1,000	NA
Drinking Water - Non-Res						2,100	38,000	5 (A)	230	80 (A,W)	2,300	5 (A)	100 (A)	80 (A,W)	1,100	2,500	7 (A)	600 (A)	19	75 (A)	70 (A)	100 (A)	74 (E)	2,900	NA
Groundwater Surface Water Interface						1,700	2,200	200 (X)	ID	ID	ID	38 (X)	25	350	ID	740	130	13	28	17	620	1,500 (X)	18	ID	NA
Volatilization to Indoor Air - Res						1.0E+09	2.4E+08 (S)	5,600	ID	4,800	250,000	370	210,000	28,000	8,600	1.0E+06	200	160,000 (S)	18,000	16,000	93,000	85,000	110,000	4.2E+06	NA
Volatilization to Indoor Air - Non-Res						1.0E+09	2.4E+08 (S)	35,000	ID	37,000	550,000	2,400	470,000	180,000	45,000	2.3E+06	1,300	160,000 (S)	41,000	74,000 (S)	210,000	200,000	170,000 (S)	8.7E+06	NA
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																				
MW-104S TOS(bgs): 13 BOS(bgs): 18 GE: 721.53 Finish: flushmount TOC Depth: -0.50	721.03	ND	13.68	707.35	07/16/19	<50	<25	<1	<1	<1	<5	<1	<1	0.29	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	721.03	ND	13.79	707.24	02/25/20	<50	<25	<1	<1	0.17	<5	<1	<1	0.71	<5	<1	<1	<1	0.37	<1	<1	<1	<1	<50	<5
	721.03	ND	14.22	706.81	08/18/20	<50	<25	<1	<1	0.23	0.11	<1	<1	1	0.17	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	721.03	ND	9.12	711.91	03/02/21	<50	<25	<1	<1	<1	<5	<1	<1	1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	721.03	ND	15.21	705.82	09/14/21	<50	<25	<1	<1	0.25	<5	<1	<1	1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	721.03	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.47	705.56	03/16/22	<50	<25	<1	<1	0.19	0.19	<1	<1	0.45	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	721.03	ND	15.21	705.82	09/13/22	<50	<25	<1	<1	0.28	0.13	<1	<1	0.47	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	721.03	ND	16.25	704.78	03/21/23	<50	<25	<1	<1	<1	<5	<1	<1	0.59	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	721.03	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	14.52	706.51	03/27/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	721.03	ND	14.15	706.88	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.55	705.48	03/17/26	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
MW-105S TOS(bgs): 13 BOS(bgs): 18 GE: 723.64 Finish: flushmount TOC Depth: -0.50	723.14	ND	12.88	710.26	07/16/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.14	ND	12.89	710.25	02/25/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	0.26	<1	<1	<1	<1	<50	<5
	723.14	ND	14.32	708.82	08/18/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.14	ND	14.33	708.81	03/02/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.14	ND	14.34	708.80	09/14/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.14	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.15	708.99	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.17	708.97	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.69	708.45	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.08	709.06	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.30	709.84	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.43	709.71	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.03	709.11	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.39	708.75	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Acetone	2-Butanone (MEK)	Benzene	n-Butylbenzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	2-Hexanone	p-Isopropyltoluene
Drinking Water - Res						730	13,000	5 (A)	80	80 (A,W)	800	5 (A)	100 (A)	80 (A,W)	260	880	7 (A)	600 (A)	6.6	75 (A)	70 (A)	100 (A)	74 (E)	1,000	NA
Drinking Water - Non-Res						2,100	38,000	5 (A)	230	80 (A,W)	2,300	5 (A)	100 (A)	80 (A,W)	1,100	2,500	7 (A)	600 (A)	19	75 (A)	70 (A)	100 (A)	74 (E)	2,900	NA
Groundwater Surface Water Interface						1,700	2,200	200 (X)	ID	ID	ID	38 (X)	25	350	ID	740	130	13	28	17	620	1,500 (X)	18	ID	NA
Volatilization to Indoor Air - Res						1.0E+09	2.4E+08 (S)	5,600	ID	4,800	250,000	370	210,000	28,000	8,600	1.0E+06	200	160,000 (S)	18,000	16,000	93,000	85,000	110,000	4.2E+06	NA
Volatilization to Indoor Air - Non-Res						1.0E+09	2.4E+08 (S)	35,000	ID	37,000	550,000	2,400	470,000	180,000	45,000	2.3E+06	1,300	160,000 (S)	41,000	74,000 (S)	210,000	200,000	170,000 (S)	8.7E+06	NA
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																				
MW-106SR TOS(bgs): 13 BOS(bgs): 18 GE: 723.86 Finish: flushmount TOC Depth: -0.50	723.36	ND	14.56	708.80	07/16/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.36	ND	14.63	708.73	02/25/20	<50	<25	<1	<1	<1	<5	<1	<1	0.24	<5	<1	<1	<1	0.23	<1	<1	<1	<1	<50	<5
	723.36	ND	14.32	709.04	08/18/20	<50	<25	<1	<1	<1	<5	<1	<1	0.23	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.36	DRY	16.47	706.89	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	DRY	15.87	707.49	09/14/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.36	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.30	707.06	03/16/22	<50	<25	<1	<1	<1	0.24	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.36	ND	15.92	707.44	09/13/22	<50	<25	<1	<1	<1	0.15	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.36	ND	17.09	706.27	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	15.11	708.25	09/14/23	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.36	ND	15.21	708.15	03/27/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	723.36	ND	15.85	707.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.06	707.30	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.53	706.83	03/18/26	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
MW-107S TOS(bgs): 13 BOS(bgs): 18 GE: 723.37 Finish: flushmount TOC Depth: -0.50	722.87	ND	15.35	707.52	07/16/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	722.87	ND	15.27	707.60	02/25/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	0.26	<1	0.11	<1	<1	<50	<5
	722.87	ND	14.62	708.25	08/18/20	<50	<25	0.14	<1	<1	<5	<1	<1	<1	0.11	0.29	<1	<1	<1	<1	1	<1	<1	<50	<5
	722.87	ND	16.81	706.06	03/02/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	10	<1	<1	<50	<5
	722.87	ND	16.20	706.67	09/15/21	1.85	<25	<1	<1	<1	0.29	<1	<1	<1	<5	<1	<1	<1	<1	0.26	0.57	<1	<1	<50	<5
	722.87	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.61	706.26	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.40	706.47	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	17.21	705.66	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.87	707.00	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.64	707.23	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.07	706.80	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.65	706.22	03/17/26	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	0.24	<1	<1	<50	<5

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Acetone	2-Butanone (MEK)	Benzene	n-Butylbenzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	2-Hexanone	p-Isopropyltoluene
Drinking Water - Res						730	13,000	5 (A)	80	80 (A,W)	800	5 (A)	100 (A)	80 (A,W)	260	880	7 (A)	600 (A)	6.6	75 (A)	70 (A)	100 (A)	74 (E)	1,000	NA
Drinking Water - Non-Res						2,100	38,000	5 (A)	230	80 (A,W)	2,300	5 (A)	100 (A)	80 (A,W)	1,100	2,500	7 (A)	600 (A)	19	75 (A)	70 (A)	100 (A)	74 (E)	2,900	NA
Groundwater Surface Water Interface						1,700	2,200	200 (X)	ID	ID	ID	38 (X)	25	350	ID	740	130	13	28	17	620	1,500 (X)	18	ID	NA
Volatilization to Indoor Air - Res						1.0E+09	2.4E+08 (S)	5,600	ID	4,800	250,000	370	210,000	28,000	8,600	1.0E+06	200	160,000 (S)	18,000	16,000	93,000	85,000	110,000	4.2E+06	NA
Volatilization to Indoor Air - Non-Res						1.0E+09	2.4E+08 (S)	35,000	ID	37,000	550,000	2,400	470,000	180,000	45,000	2.3E+06	1,300	160,000 (S)	41,000	74,000 (S)	210,000	200,000	170,000 (S)	8.7E+06	NA
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																				
MW-108S TOS(bgs): 11 BOS(bgs): 16 GE: 711.52 Finish: stickup Stickup Height: 2.50	714.02	ND	11.22	702.80	07/17/19	<50	<25	<1	<1	<1	<5	2	<1	1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	10.85	703.17	02/27/20	<50	<25	<1	<1	<1	<5	2	<1	0.81	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	11.97	702.05	08/19/20	<50	<25	<1	<1	<1	0.12	3	<1	1	0.23	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	12.34	701.68	03/03/21	<50	<25	<1	<1	<1	<5	2	<1	1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	12.32	701.70	09/15/21	2.6	<25	<1	<1	<1	<5	2	<1	2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	11.90	702.12	03/16/22	<50	<25	<1	<1	<1	0.2	2	<1	0.8	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	12.97	701.05	09/13/22	<50	<25	<1	<1	<1	<5	2	<1	2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	12.45	701.57	03/21/23	<50	<25	<1	<1	<1	<5	2	<1	2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	10.66	703.36	09/14/23	<50	<25	<1	<1	<1	<5	3	<1	1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	10.71	703.31	03/27/24	<50	<25	<1	<1	<1	<5	2	<1	0.87	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	11.47	702.55	09/17/24	<50	<25	<1	<1	<1	<5	2	<1	0.67	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	11.09	702.93	03/18/25	<50	<25	<1	<1	<1	<5	2	<1	0.76	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	Dupel (MW-108S)			--	03/18/25	<50	<25	<1	<1	<1	<5	2	<1	0.76	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
MW-109S TOS(bgs): 9 BOS(bgs): 14 GE: 712.12 Finish: stickup Stickup Height: 2.50	714.02	ND	13.02	701.00	09/23/25	<50	<25	<1	<1	<1	<5	2	<1	2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.02	ND	10.45	703.57	03/18/26	<50	<25	<1	<1	<1	<5	2	<1	0.71	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	714.62	ND	11.14	703.48	07/17/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	1	0.82	<1	<1	<1	9	0.42	<1	<50	<5
	714.62	ND	10.89	703.73	02/27/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	0.13	1	1	<1	0.1	<1	17	0.5	<1	<50	<5
	714.62	ND	11.66	702.96	08/19/20	<50	<25	<1	<1	<1	0.1	<1	<1	<1	0.22	0.96	1	<1	<1	<1	14	0.57	<1	<50	<5
	714.62	ND	11.98	702.64	03/03/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.7	1	<1	<1	<1	15	0.48	<1	<50	<5
	714.62	ND	11.67	702.95	09/15/21	0.78	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.93	1	<1	<1	<1	14	0.62	<1	<50	<5
	714.62	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.59	703.03	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	12.25	702.37	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.70	702.92	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.08	703.54	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	8.10	706.52	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.27	703.35	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.05	703.57	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	10.61	704.01	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Acetone	2-Butanone (MEK)	Benzene	n-Butylbenzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	2-Hexanone	p-Isopropyltoluene
Drinking Water - Res						730	13,000	5 (A)	80	80 (A,W)	800	5 (A)	100 (A)	80 (A,W)	260	880	7 (A)	600 (A)	6.6	75 (A)	70 (A)	100 (A)	74 (E)	1,000	NA
Drinking Water - Non-Res						2,100	38,000	5 (A)	230	80 (A,W)	2,300	5 (A)	100 (A)	80 (A,W)	1,100	2,500	7 (A)	600 (A)	19	75 (A)	70 (A)	100 (A)	74 (E)	2,900	NA
Groundwater Surface Water Interface						1,700	2,200	200 (X)	ID	ID	ID	38 (X)	25	350	ID	740	130	13	28	17	620	1,500 (X)	18	ID	NA
Volatilization to Indoor Air - Res						1.0E+09	2.4E+08 (S)	5,600	ID	4,800	250,000	370	210,000	28,000	8,600	1.0E+06	200	160,000 (S)	18,000	16,000	93,000	85,000	110,000	4.2E+06	NA
Volatilization to Indoor Air - Non-Res						1.0E+09	2.4E+08 (S)	35,000	ID	37,000	550,000	2,400	470,000	180,000	45,000	2.3E+06	1,300	160,000 (S)	41,000	74,000 (S)	210,000	200,000	170,000 (S)	8.7E+06	NA
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																				
MW-110S TOS(bgs): 9 BOS(bgs): 14 GE: 710.57 Finish: stickup Stickup Height: 2.50	713.07	ND	11.83	701.24	07/17/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	11.45	701.62	02/27/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	0.14	<1	<1	<1	<1	<50	<5
	713.07	ND	12.18	700.89	08/19/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	0.17	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	12.04	701.03	03/03/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	12.36	700.71	09/15/21	2.02	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	713.07	ND	12.02	701.05	03/16/22	<50	<25	<1	<1	<1	0.2	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	12.76	700.31	09/13/22	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	11.73	701.34	03/21/23	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	11.54	701.53	09/14/23	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	11.17	701.90	03/27/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	12.88	700.19	09/17/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	11.07	702.00	03/18/25	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	13.82	699.25	09/23/25	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	713.07	ND	10.06	703.01	03/18/26	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
MW-111S TOS(bgs): 9 BOS(bgs): 14 GE: 717.03 Finish: stickup Stickup Height: 2.50	719.53	ND	12.88	706.65	07/17/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	0.82	<1	<1	<50	<5
	719.53	ND	12.65	706.88	02/27/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	0.21	<1	0.35	<1	<1	<50	<5
	719.53	ND	13.54	705.99	08/19/20	<50	<25	<1	<1	<1	0.1	<1	<1	0.11	0.2	<1	<1	<1	<1	<1	1	<1	<1	<50	<5
	719.53	ND	14.55	704.98	03/03/21	<50	<25	<1	<1	<1	<5	<1	<1	0.34	<5	1	0.6	<1	<1	<1	18	<1	<1	<50	<5
	719.53	ND	13.63	705.90	09/16/21	<50	<25	<1	<1	<1	0.12	<1	<1	<1	<5	<1	<1	<1	<1	<1	8	<1	<1	<50	<5
	719.53	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.01	705.52	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.59	704.94	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.07	706.46	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.17	706.36	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.25	705.28	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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EGLE Generic Residential Cleanup Criteria						Acetone	2-Butanone (MEK)	Benzene	n-Butylbenzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	2-Hexanone	p-Isopropyltoluene
Drinking Water - Res						730	13,000	5 (A)	80	80 (A,W)	800	5 (A)	100 (A)	80 (A,W)	260	880	7 (A)	600 (A)	6.6	75 (A)	70 (A)	100 (A)	74 (E)	1,000	NA
Drinking Water - Non-Res						2,100	38,000	5 (A)	230	80 (A,W)	2,300	5 (A)	100 (A)	80 (A,W)	1,100	2,500	7 (A)	600 (A)	19	75 (A)	70 (A)	100 (A)	74 (E)	2,900	NA
Groundwater Surface Water Interface						1,700	2,200	200 (X)	ID	ID	ID	38 (X)	25	350	ID	740	130	13	28	17	620	1,500 (X)	18	ID	NA
Volatilization to Indoor Air - Res						1.0E+09	2.4E+08 (S)	5,600	ID	4,800	250,000	370	210,000	28,000	8,600	1.0E+06	200	160,000 (S)	18,000	16,000	93,000	85,000	110,000	4.2E+06	NA
Volatilization to Indoor Air - Non-Res						1.0E+09	2.4E+08 (S)	35,000	ID	37,000	550,000	2,400	470,000	180,000	45,000	2.3E+06	1,300	160,000 (S)	41,000	74,000 (S)	210,000	200,000	170,000 (S)	8.7E+06	NA
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																				
MW-112S TOS(bgs): 15 BOS(bgs): 20 GE: 720.50 Finish: flushmount TOC Depth: -0.50	720.00	ND	14.43	705.57	07/16/19	4.8	<25	0.19	<1	<1	<5	<1	<1	<1	<5	0.85	1	<1	<1	<1	3	0.29	<1	<50	<5
	Dupe 1 (MW-112S)			--	07/16/19	4.1	<25	0.21	<1	<1	<5	<1	<1	<1	<5	0.78	1	<1	<1	<1	3	0.31	<1	<50	<5
	720.00	ND	14.59	705.41	02/27/20	<50	<25	0.2	<1	<1	<5	<1	<1	<1	<5	0.99	1	0.15	0.19	<1	3	0.28	<1	<50	<5
	Dupe 1 (MW-112S)			--	02/27/20	<50	<25	0.22	<1	<1	<5	<1	<1	<1	<5	1	1	0.11	0.2	<1	3	0.24	<1	<50	<5
	720.00	ND	14.95	705.05	08/18/20	<50	<25	0.17	<1	<1	<5	<1	<1	<1	<5	0.7	1	<1	<1	<1	2	0.19	<1	<50	<5
	Dupe #1 (MW-112S)			--	08/18/20	<50	<25	0.16	<1	<1	<5	<1	<1	<1	<5	0.66	1	<1	<1	<1	2	0.17	<1	<50	<5
	720.00	ND	17.02	702.98	03/02/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	1	0.75	<1	<1	<1	4	<1	<1	<50	<5
	Dupe1 (MW-112S)			--	03/02/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	1	0.82	<1	<1	<1	4	0.24	<1	<50	<5
	720.00	ND	15.15	704.85	09/15/21	4.13	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.51	0.92	<1	<1	<1	2	<1	<1	<50	<5
	Dupe 1			--	09/15/21	<50	<25	0.12	<1	<1	<5	<1	0.14	<1	<5	0.61	1	0.11	<1	<1	3	0.18	<1	<50	<5
	720.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.00	ND	16.35	703.65	03/16/22	<50	<25	<1	<1	<1	0.23	<1	<1	<1	<5	0.41	0.38	0.12	<1	<1	0.88	0.13	<1	<50	<5
	720.00	ND	16.70	703.30	09/13/22	6.5	<25	<1	<1	<1	0.15	<1	<1	<1	<5	0.69	0.39	<1	<1	<1	3	0.17	<1	<50	<5
	720.00	ND	16.80	703.20	03/21/23	5.4	<25	<1	<1	<1	0.23	<1	<1	<1	<5	0.35	<1	<1	<1	<1	0.78	<1	<1	<50	<5
	720.00	ND	14.27	705.73	09/14/23	<50	<25	0.2	<1	<1	<5	<1	<1	<1	<5	0.68	1	<1	<1	<1	3	0.3	<1	<50	<5
	720.00	ND	15.19	704.81	03/27/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.44	0.35	<1	<1	<1	0.94	<1	<1	<50	<5
	720.00	ND	14.61	705.39	09/17/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.55	0.95	0.14	<1	<1	2	<1	<1	<50	<5
	720.00	ND	16.04	703.96	03/18/25	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.37	<1	<1	<1	<1	0.76	<1	<1	<50	<5
	720.00	ND	17.62	702.38	09/23/25	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.45	<1	<1	<1	<1	0.35	<1	<1	<50	<5
	720.00	ND	15.38	704.62	03/17/26	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.35	0.32	<1	<1	<1	0.81	<1	<1	<50	<5
MW-113S TOS(bgs): 8.5 BOS(bgs): 13.5 GE: 711.50 Finish: stickup Stickup Height: 2.50	714.00	ND	12.31	701.69	07/17/19	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	1	<1	<1	<50	<5
	714.00	ND	12.02	701.98	02/27/20	<50	<25	<1	<1	<1	<5	<1	<1	<1	0.44	<1	<1	<1	0.17	<1	0.44	<1	<1	<50	<5
	714.00	ND	12.79	701.21	08/19/20	<50	<25	<1	<1	<1	0.12	<1	<1	0.12	0.31	<1	0.21	<1	<1	<1	1	<1	<1	<50	<5
	714.00	ND	12.94	701.06	03/03/21	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	0.34	<1	<1	<50	<5
	714.00	ND	13.01	700.99	09/15/21	1.93	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	2	<1	<1	<50	<5
	714.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.89	701.11	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.60	700.40	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.00	701.00	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.78	701.22	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.21	701.79	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.49	701.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.08	701.92	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.92	700.08	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Acetone	2-Butanone (MEK)	Benzene	n-Butylbenzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	2-Hexanone	p-Isopropyltoluene
Drinking Water - Res						730	13,000	5 (A)	80	80 (A,W)	800	5 (A)	100 (A)	80 (A,W)	260	880	7 (A)	600 (A)	6.6	75 (A)	70 (A)	100 (A)	74 (E)	1,000	NA
Drinking Water - Non-Res						2,100	38,000	5 (A)	230	80 (A,W)	2,300	5 (A)	100 (A)	80 (A,W)	1,100	2,500	7 (A)	600 (A)	19	75 (A)	70 (A)	100 (A)	74 (E)	2,900	NA
Groundwater Surface Water Interface						1,700	2,200	200 (X)	ID	ID	ID	38 (X)	25	350	ID	740	130	13	28	17	620	1,500 (X)	18	ID	NA
Volatilization to Indoor Air - Res						1.0E+09	2.4E+08 (S)	5,600	ID	4,800	250,000	370	210,000	28,000	8,600	1.0E+06	200	160,000 (S)	18,000	16,000	93,000	85,000	110,000	4.2E+06	NA
Volatilization to Indoor Air - Non-Res						1.0E+09	2.4E+08 (S)	35,000	ID	37,000	550,000	2,400	470,000	180,000	45,000	2.3E+06	1,300	160,000 (S)	41,000	74,000 (S)	210,000	200,000	170,000 (S)	8.7E+06	NA
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																				
MW-114S TOS(bgs): 7 BOS(bgs): 12 GE: 712.33 Finish: stickup Stickup Height: -0.59	711.74	ND	8.36	703.38	07/17/19	48	17	<5	<5	<5	<30	<5	<5	<5	<30	2.5	<5	<5	<5	<5	244	1.35	<5	2.05	<30
	Dupe 2 (MW-114S)				07/17/19	51	18	<5	<5	<5	<30	<5	<5	<5	<30	2.55	<5	<5	<5	<5	244	1.45	<5	1.65	<30
	711.74	ND	8.11	703.63	02/27/20	<50	<25	<1	<1	<1	<5	<1	<1	0.22	<5	3	0.84	<1	<1	<1	127	0.78	<1	<50	<5
	Dupe 2 (MW-114S)				02/27/20	<50	<25	<1	<1	<1	<5	<1	<1	0.23	<5	2	0.82	<1	<1	<1	125	0.83	<1	<50	<5
	711.74	ND	8.82	702.92	08/19/20	<500	<250	<10	<10	<10	<50	<10	<10	<10	<50	3	<10	<10	<10	<10	130	1.2	<10	<500	<50
	Dupe #2 (MW-114S)				08/19/20	<500	<250	<10	<10	<10	<50	<10	<10	<10	<50	3.1	<10	<10	<10	<10	120	1	<10	<500	<50
	711.74	ND	9.12	702.62	03/03/21	<500	<250	<10	<10	<10	<50	<10	<10	<10	<50	2.4	<10	<10	<10	<10	100	<10	<10	<500	<50
	Dupe-2 (MW-114S)				03/03/21	<500	<250	<10	<10	<10	<50	<10	<10	<10	<50	2.2	<10	<10	<10	<10	100	<10	<10	<500	<50
	711.74	ND	8.82	702.92	09/15/21	21.3	<250	<10	<10	<10	<50	<10	<10	<10	<50	2.4	<10	<10	<10	<10	150	<10	<10	<500	<50
	Dupe 2				09/15/21	1.94	<25	<1	<1	<1	<5	<1	<1	<1	<5	3	1	<1	<1	<1	169	0.94	<1	<50	<5
	711.74	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	711.74	ND	8.72	703.02	03/16/22	<50	<25	<1	<1	<1	0.19	<1	<1	0.14	<5	2	1	<1	<1	<1	131	0.75	<1	<50	<5
	Dupel (MW-114S)				03/16/22	<50	<25	<1	<1	<1	0.2	<1	<1	0.14	<5	2	1	<1	<1	<1	124	0.67	<1	<50	<5
	711.74	ND	9.42	702.32	09/13/22	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	2	2	<1	<1	<1	142	0.95	<1	<50	<5
	Dupel (MW-114S)				09/13/22	4.7	<25	<1	<1	<1	<5	<1	<1	<1	<5	2	2	<1	<1	<1	136	0.82	<1	<50	<5
	711.74	ND	8.84	702.90	03/21/23	<250	<130	<5	0.55	<5	<30	<5	<5	<5	<30	1.3	0.9	<5	<5	<5	59	0.55	<5	<250	<30
	Dupel (MW-114S)				03/21/23	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	1	1	<1	<1	<1	70	0.57	<1	<50	<5
	711.74	ND	7.98	703.76	09/14/23	<250	<130	<5	<5	<5	<30	<5	<5	<5	<30	1.15	<5	<5	<5	<5	63	<5	<5	<250	<30
	Dupel (MW-114S)				09/14/23	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	2	0.78	<1	<1	<1	70	0.64	<1	<50	<5
	711.74	ND	10.89	700.85	03/27/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.77	0.34	<1	<1	<1	36	0.35	<1	<50	<5
	Dup1 (MW-114S)				03/27/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.8	0.36	<1	<1	<1	36	0.35	<1	<50	<5
	711.74	ND	8.45	703.29	09/17/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	1	0.56	<1	<1	<1	58	0.64	<1	<50	<5
	Dup1 (MW-114S)				09/17/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	1	0.64	<1	<1	<1	58	0.61	<1	<50	<5
	711.74	ND	8.06	703.68	03/18/25	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	1	0.62	<1	<1	<1	38	0.43	<1	<50	<5
	711.74	ND	9.51	702.23	09/23/25	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	2	0.77	<1	<1	<1	70	0.62	<1	<50	<5
	Dup1 (MW-114S)				09/23/25	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	2	0.85	<1	<1	<1	69	0.64	<1	<50	<5
	711.74	ND	7.79	703.95	03/18/26	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.16	<1	<1	<1	<1	7	<1	<1	<50	<5
	Dup1 (MW-114S)				03/18/26	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	0.22	<1	<1	<1	<1	8	<1	<1	<50	<5
MW-115S TOS(bgs): 7 BOS(bgs): 12 GE: 711.92 Finish: Stickup Stickup Height: 3.06	714.98	ND	11.35	703.63	11/18/21	<50	<25	0.25	<1	<1	<5	<1	0.23	<1	<5	<1	<1	0.48	<1	0.15	<1	<1	<1	<50	<5
	714.98	ND	11.89	703.09	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	12.43	702.55	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.94	703.04	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.23	703.75	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.10	703.88	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.47	703.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.09	703.89	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	10.79	704.19	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a

Groundwater Analytical Results

RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Acetone	2-Butanone (MEK)	Benzene	n-Butylbenzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	2-Hexanone	p-Isopropyltoluene
Drinking Water - Res						730	13,000	5 (A)	80	80 (A,W)	800	5 (A)	100 (A)	80 (A,W)	260	880	7 (A)	600 (A)	6.6	75 (A)	70 (A)	100 (A)	74 (E)	1,000	NA
Drinking Water - Non-Res						2,100	38,000	5 (A)	230	80 (A,W)	2,300	5 (A)	100 (A)	80 (A,W)	1,100	2,500	7 (A)	600 (A)	19	75 (A)	70 (A)	100 (A)	74 (E)	2,900	NA
Groundwater Surface Water Interface						1,700	2,200	200 (X)	ID	ID	ID	38 (X)	25	350	ID	740	130	13	28	17	620	1,500 (X)	18	ID	NA
Volatilization to Indoor Air - Res						1.0E+09	2.4E+08 (S)	5,600	ID	4,800	250,000	370	210,000	28,000	8,600	1.0E+06	200	160,000 (S)	18,000	16,000	93,000	85,000	110,000	4.2E+06	NA
Volatilization to Indoor Air - Non-Res						1.0E+09	2.4E+08 (S)	35,000	ID	37,000	550,000	2,400	470,000	180,000	45,000	2.3E+06	1,300	160,000 (S)	41,000	74,000 (S)	210,000	200,000	170,000 (S)	8.7E+06	NA
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																				
MW-116S TOS(bgs): 14 BOS(bgs): 19 GE: 719.95 Finish: Stickup Stickup Height: 3.02	722.97	ND	19.99	702.98	11/18/21	<50	<25	0.43	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	Dupe1 (MW-116S)			--	11/18/21	<50	<25	0.42	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	722.97	ND	20.87	702.10	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.15	701.82	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.25	701.72	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.94	702.03	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.89	703.08	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.88	703.09	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.09	701.88	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.36	702.61	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-117S TOS(bgs): 9 BOS(bgs): 14 GE: 717.15 Finish: Stickup Stickup Height: 3.09	720.24	ND	14.87	705.37	11/18/21	<50	<25	<1	<1	<1	<5	<1	<1	0.18	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	720.24	ND	15.40	704.84	03/16/22	<50	<25	<1	<1	<1	0.18	<1	<1	0.25	<5	<1	<1	<1	<1	<1	0.21	<1	<1	<50	<5
	720.24	ND	15.62	704.62	09/13/22	<50	<25	<1	<1	<1	<5	<1	<1	0.26	0.12	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	720.24	ND	15.20	705.04	03/21/23	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	720.24	ND	14.59	705.65	09/14/23	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	720.24	ND	14.68	705.56	03/28/24	<50	<25	<1	<1	<1	<5	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5
	720.24	ND	14.97	705.27	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	15.28	704.96	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	14.66	705.58	03/18/26	<50	<25	<1	<1	<1	<5	<1	<1	0.18	<5	<1	<1	<1	<1	<1	<1	<1	<1	<50	<5

Results in micrograms per liter (ug/L).

Only compounds detected are included on this summary table. See laboratory report for additional compounds analyzed.

Footnotes are presented behind the analytical summary tables.

Table 1a

Groundwater Analytical Results

RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						2-Methylnaphthalene	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Naphthalene	1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran	Toluene	Trichloroethylene (TCE)	Vinyl Chloride	o-Xylene	p,m-Xylene	Xylenes, Total
Drinking Water - Res						260	1,800	5 (A)	520	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	95	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Drinking Water - Non-Res						750	5,200	5 (A)	1,500	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	270	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Groundwater Surface Water Interface						19	ID	1,500 (X)	11	89	NA	NA	99 (X)	17	60 (X)	11,000 (X)	270	200 (X)	13 (X)	NA	NA	49
Volatilization to Indoor Air - Res						25,000 (S)	2.0E+7 (S)	220,000	31,000 (S)	660,000	NA	NA	300,000 (S)	56,000 (S)	25,000	6.9E+06	530,000 (S)	2,200	1,100	NA	NA	190,000 (S)
Volatilization to Indoor Air - Non-Res						25,000 (S)	2.0E+7 (S)	1.4E+06	31,000 (S)	1.3E+6 (S)	NA	NA	300,000 (S)	56,000 (S)	170,000	1.6E+07	530,000 (S)	4,900	13,000	NA	NA	190,000 (S)
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-100S TOS(bgs): 5 BOS(bgs): 15 GE: 720.56 Finish: stickup Stickup Height: 2.50	723.06	ND	14.97	708.09	07/16/19	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	10	<1	<1	<2	<3
	723.06	ND	15.26	707.80	02/25/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	16	<1	<1	<2	<3
	723.06	ND	16.07	706.99	08/18/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	10	<1	<1	<2	<3
	723.06	ND	17.48	705.58	03/02/21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	723.06	ND	16.40	706.66	09/14/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	14	<1	<1	<2	<3
	723.06	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.63	705.43	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.42	705.64	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.62	705.44	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.40	705.66	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.35	706.71	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	15.94	707.12	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.45	706.61	03/17/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	2	<1	<1	<2	<3
MW-101S TOS(bgs): 9 BOS(bgs): 19 GE: 719.58 Finish: stickup Stickup Height: 2.50 well destroyed well destroyed well destroyed well destroyed Abandoned 3/18/25	722.08	ND	15.84	706.24	07/16/19	<5	<50	<5	<5	<1	<5	<1	<5	<1	0.14	<90	<1	1	<1	<1	<2	<3
	722.08	ND	16.00	706.08	02/25/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	2	<1	<1	<2	<3
	722.08	ND	17.00	705.08	08/18/20	<5	<50	0.12	<5	<1	<5	<1	<5	<1	<1	<90	<1	5	<1	<1	<2	<3
	722.08	ND	18.58	703.50	03/03/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	2	<1	<1	<2	<3
	722.08	ND	17.59	704.49	09/14/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	0.11	3	<1	<1	<2	<3
	722.08	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	15.96	706.12	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	16.56	705.52	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						2-Methylnaphthalene	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Naphthalene	1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran	Toluene	Trichloroethylene (TCE)	Vinyl Chloride	o-Xylene	p,m-Xylene	Xylenes, Total
Drinking Water - Res						260	1,800	5 (A)	520	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	95	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Drinking Water - Non-Res						750	5,200	5 (A)	1,500	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	270	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Groundwater Surface Water Interface						19	ID	1,500 (X)	11	89	NA	NA	99 (X)	17	60 (X)	11,000 (X)	270	200 (X)	13 (X)	NA	NA	49
Volatilization to Indoor Air - Res						25,000 (S)	2.0E+7 (S)	220,000	31,000 (S)	660,000	NA	NA	300,000 (S)	56,000 (S)	25,000	6.9E+06	530,000 (S)	2,200	1,100	NA	NA	190,000 (S)
Volatilization to Indoor Air - Non-Res						25,000 (S)	2.0E+7 (S)	1.4E+06	31,000 (S)	1.3E+6 (S)	NA	NA	300,000 (S)	56,000 (S)	170,000	1.6E+07	530,000 (S)	4,900	13,000	NA	NA	190,000 (S)
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-102S TOS(bgs): 9 BOS(bgs): 19 GE: 720.28 Finish: stickup Stickup Height: 2.50	722.78	ND	15.58	707.20	07/17/19	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	722.78	ND	15.61	707.17	02/25/20	0.1	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.16	<1	<1	<2	<3
	722.78	ND	16.13	706.65	08/18/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.12	<1	<1	<2	<3
	722.78	ND	17.07	705.71	03/02/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	722.78	ND	16.48	706.30	09/14/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.67	<1	<1	<2	<3
	722.78	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.81	705.97	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.36	705.42	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.39	705.39	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.23	705.55	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.78	707.00	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.88	706.90	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.09	706.69	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-103S TOS(bgs): 9 BOS(bgs): 19 GE: 717.16 Finish: stickup Stickup Height: 2.50	719.66	ND	13.71	705.95	07/17/19	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	719.66	ND	13.58	706.08	02/28/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	0.81	<1	<2	<3
	719.66	ND	14.22	705.44	08/19/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	0.19	<1	0.99	<1	<2	<3
	719.66	ND	15.05	704.61	03/03/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	0.34	<1	<1	<1	<2	<3
	719.66	ND	14.31	705.35	09/14/21	0.25	<50	<5	0.13	<1	<5	<1	0.11	<1	<1	<90	<1	<1	<1	<1	<2	<3
	719.66	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.66	14.68	14.86	704.80	03/16/22	0.3	<50	<5	<5	<1	0.14	<1	0.17	<1	<1	<90	<1	<1	0.21	<1	<2	<3
	719.66	ND	15.05	704.61	09/13/22	0.24	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	0.16	<1	0.74	<1	<2	<3
	719.66	ND	15.00	704.66	03/21/23	0.45	<50	<5	0.21	<1	0.15	<1	0.15	<1	<1	1.28	0.18	0.1	<1	0.11	0.22	0.33
	719.66	ND	13.22	706.44	09/14/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	719.66	ND	13.69	705.97	03/28/24	<5	<50	<5	<5	<1	<5	0.33	<5	0.29	<1	<90	<1	<1	<1	<1	<2	<3
	719.66	ND	13.87	705.79	09/17/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	1	<1	<2	<3
	719.66	ND	15.01	704.65	03/18/25	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	0.13	<1	<1	<1	<2	<3
	719.66	ND	15.00	704.66	09/23/25	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	0.34	<1	<2	<3
	719.66	ND	13.80	705.86	03/18/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						2-Methylnaphthalene	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Naphthalene	1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran	Toluene	Trichloroethylene (TCE)	Vinyl Chloride	o-Xylene	p,m-Xylene	Xylenes, Total
Drinking Water - Res						260	1,800	5 (A)	520	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	95	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Drinking Water - Non-Res						750	5,200	5 (A)	1,500	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	270	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Groundwater Surface Water Interface						19	ID	1,500 (X)	11	89	NA	NA	99 (X)	17	60 (X)	11,000 (X)	270	200 (X)	13 (X)	NA	NA	49
Volatilization to Indoor Air - Res						25,000 (S)	2.0E+7 (S)	220,000	31,000 (S)	660,000	NA	NA	300,000 (S)	56,000 (S)	25,000	6.9E+06	530,000 (S)	2,200	1,100	NA	NA	190,000 (S)
Volatilization to Indoor Air - Non-Res						25,000 (S)	2.0E+7 (S)	1.4E+06	31,000 (S)	1.3E+6 (S)	NA	NA	300,000 (S)	56,000 (S)	170,000	1.6E+07	530,000 (S)	4,900	13,000	NA	NA	190,000 (S)
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-104S TOS(bgs): 13 BOS(bgs): 18 GE: 721.53 Finish: flushmount TOC Depth: -0.50	721.03	ND	13.68	707.35	07/16/19	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	721.03	ND	13.79	707.24	02/25/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	721.03	ND	14.22	706.81	08/18/20	<5	<50	0.11	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	721.03	ND	9.12	711.91	03/02/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	721.03	ND	15.21	705.82	09/14/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.24	<1	<1	<2	<3
	721.03	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.47	705.56	03/16/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.21	<1	<1	<2	<3
	721.03	ND	15.21	705.82	09/13/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	721.03	ND	16.25	704.78	03/21/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	721.03	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	14.52	706.51	03/27/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	721.03	ND	14.15	706.88	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.55	705.48	03/17/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
MW-105S TOS(bgs): 13 BOS(bgs): 18 GE: 723.64 Finish: flushmount TOC Depth: -0.50	723.14	ND	12.88	710.26	07/16/19	<5	<50	<5	<5	<1	<5	<1	<5	<1	43	<90	<1	<1	<1	<1	<2	<3
	723.14	ND	12.89	710.25	02/25/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	78	<90	<1	<1	<1	<1	<2	<3
	723.14	ND	14.32	708.82	08/18/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	55	<90	<1	<1	<1	<1	<2	<3
	723.14	ND	14.33	708.81	03/02/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	101	<90	<1	<1	<1	<1	<2	<3
	723.14	ND	14.34	708.80	09/14/21	0.11	<50	<5	<5	<1	<5	<1	<5	<1	93	<90	<1	0.14	<1	<1	<2	<3
	723.14	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.15	708.99	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.17	708.97	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.69	708.45	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.08	709.06	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.30	709.84	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.43	709.71	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.03	709.11	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.39	708.75	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a

Groundwater Analytical Results

RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						2-Methylnaphthalene	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Naphthalene	1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran	Toluene	Trichloroethylene (TCE)	Vinyl Chloride	o-Xylene	p,m-Xylene	Xylenes, Total
Drinking Water - Res						260	1,800	5 (A)	520	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	95	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Drinking Water - Non-Res						750	5,200	5 (A)	1,500	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	270	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Groundwater Surface Water Interface						19	ID	1,500 (X)	11	89	NA	NA	99 (X)	17	60 (X)	11,000 (X)	270	200 (X)	13 (X)	NA	NA	49
Volatilization to Indoor Air - Res						25,000 (S)	2.0E+7 (S)	220,000	31,000 (S)	660,000	NA	NA	300,000 (S)	56,000 (S)	25,000	6.9E+06	530,000 (S)	2,200	1,100	NA	NA	190,000 (S)
Volatilization to Indoor Air - Non-Res						25,000 (S)	2.0E+7 (S)	1.4E+06	31,000 (S)	1.3E+6 (S)	NA	NA	300,000 (S)	56,000 (S)	170,000	1.6E+07	530,000 (S)	4,900	13,000	NA	NA	190,000 (S)
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-106SR TOS(bgs): 13 BOS(bgs): 18 GE: 723.86 Finish: flushmount TOC Depth: -0.50	723.36	ND	14.56	708.80	07/16/19	<5	<50	0.18	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	723.36	ND	14.63	708.73	02/25/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	723.36	ND	14.32	709.04	08/18/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	723.36	DRY	16.47	706.89	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	DRY	15.87	707.49	09/14/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.11	<1	<1	<2	<3
	723.36	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.30	707.06	03/16/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	723.36	ND	15.92	707.44	09/13/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	723.36	ND	17.09	706.27	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	15.11	708.25	09/14/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	723.36	ND	15.21	708.15	03/27/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	723.36	ND	15.85	707.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.06	707.30	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.53	706.83	03/18/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
MW-107S TOS(bgs): 13 BOS(bgs): 18 GE: 723.37 Finish: flushmount TOC Depth: -0.50	722.87	ND	15.35	707.52	07/16/19	<5	<50	0.17	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	722.87	ND	15.27	707.60	02/25/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.15	<1	<1	<2	<3
	722.87	ND	14.62	708.25	08/18/20	<5	<50	0.1	<5	<1	<5	<1	<5	<1	<1	<90	<1	2	0.94	<1	<2	<3
	722.87	ND	16.81	706.06	03/02/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	2	3	<1	<2	<3
	722.87	ND	16.20	706.67	09/15/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	2	<1	<1	<2	<3
	722.87	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.61	706.26	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.40	706.47	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	17.21	705.66	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.87	707.00	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.64	707.23	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.07	706.80	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.65	706.22	03/17/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.2	<1	<1	<2	<3

Table 1a

Groundwater Analytical Results

RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						2-Methylnaphthalene	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Naphthalene	1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran	Toluene	Trichloroethylene (TCE)	Vinyl Chloride	o-Xylene	p,m-Xylene	Xylenes, Total
Drinking Water - Res						260	1,800	5 (A)	520	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	95	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Drinking Water - Non-Res						750	5,200	5 (A)	1,500	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	270	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Groundwater Surface Water Interface						19	ID	1,500 (X)	11	89	NA	NA	99 (X)	17	60 (X)	11,000 (X)	270	200 (X)	13 (X)	NA	NA	49
Volatilization to Indoor Air - Res						25,000 (S)	2.0E+7 (S)	220,000	31,000 (S)	660,000	NA	NA	300,000 (S)	56,000 (S)	25,000	6.9E+06	530,000 (S)	2,200	1,100	NA	NA	190,000 (S)
Volatilization to Indoor Air - Non-Res						25,000 (S)	2.0E+7 (S)	1.4E+06	31,000 (S)	1.3E+6 (S)	NA	NA	300,000 (S)	56,000 (S)	170,000	1.6E+07	530,000 (S)	4,900	13,000	NA	NA	190,000 (S)
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-108S TOS(bgs): 11 BOS(bgs): 16 GE: 711.52 Finish: stickup Stickup Height: 2.50	714.02	ND	11.22	702.80	07/17/19	<5	<50	0.18	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	714.02	ND	10.85	703.17	02/27/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.14	<1	<1	<2	<3
	714.02	ND	11.97	702.05	08/19/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.26	<1	<1	<2	<3
	714.02	ND	12.34	701.68	03/03/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	714.02	ND	12.32	701.70	09/15/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.34	<1	<1	<2	<3
	714.02	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	11.90	702.12	03/16/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.18	<1	<1	<2	<3
	714.02	ND	12.97	701.05	09/13/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	714.02	ND	12.45	701.57	03/21/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	714.02	ND	10.66	703.36	09/14/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.27	<1	<1	<2	<3
	714.02	ND	10.71	703.31	03/27/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	714.02	ND	11.47	702.55	09/17/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	714.02	ND	11.09	702.93	03/18/25	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	Dupel (MW-108S)			--	03/18/25	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.16	<1	<1	<2	<3
	714.02	ND	13.02	701.00	09/23/25	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.28	<1	<1	<2	<3
	714.02	ND	10.45	703.57	03/18/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.15	<1	<1	<2	<3
MW-109S TOS(bgs): 9 BOS(bgs): 14 GE: 712.12 Finish: stickup Stickup Height: 2.50	714.62	ND	11.14	703.48	07/17/19	<5	<50	0.19	<5	<1	<5	<1	<5	<1	<1	<90	<1	11	7	<1	<2	<3
	714.62	ND	10.89	703.73	02/27/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	13	18	<1	<2	<3
	714.62	ND	11.66	702.96	08/19/20	<5	<50	0.12	<5	0.15	<5	<1	<5	<1	<1	<90	<1	21	11	<1	<2	<3
	714.62	ND	11.98	702.64	03/03/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	23	8	<1	<2	<3
	714.62	ND	11.67	702.95	09/15/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	25	11	<1	<2	<3
	714.62	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.59	703.03	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	12.25	702.37	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.70	702.92	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.08	703.54	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	8.10	706.52	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.27	703.35	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.05	703.57	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	10.61	704.01	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						2-Methylnaphthalene	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Naphthalene	1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran	Toluene	Trichloroethylene (TCE)	Vinyl Chloride	o-Xylene	p,m-Xylene	Xylenes, Total
Drinking Water - Res						260	1,800	5 (A)	520	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	95	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Drinking Water - Non-Res						750	5,200	5 (A)	1,500	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	270	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Groundwater Surface Water Interface						19	ID	1,500 (X)	11	89	NA	NA	99 (X)	17	60 (X)	11,000 (X)	270	200 (X)	13 (X)	NA	NA	49
Volatilization to Indoor Air - Res						25,000 (S)	2.0E+7 (S)	220,000	31,000 (S)	660,000	NA	NA	300,000 (S)	56,000 (S)	25,000	6.9E+06	530,000 (S)	2,200	1,100	NA	NA	190,000 (S)
Volatilization to Indoor Air - Non-Res						25,000 (S)	2.0E+7 (S)	1.4E+06	31,000 (S)	1.3E+6 (S)	NA	NA	300,000 (S)	56,000 (S)	170,000	1.6E+07	530,000 (S)	4,900	13,000	NA	NA	190,000 (S)
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-110S TOS(bgs): 9 BOS(bgs): 14 GE: 710.57 Finish: stickup Stickup Height: 2.50	713.07	ND	11.83	701.24	07/17/19	<5	<50	0.19	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	ND	11.45	701.62	02/27/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	ND	12.18	700.89	08/19/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	ND	12.04	701.03	03/03/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	ND	12.36	700.71	09/15/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	713.07	ND	12.02	701.05	03/16/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	ND	12.76	700.31	09/13/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	ND	11.73	701.34	03/21/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	ND	11.54	701.53	09/14/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.16	<1	<1	<2	<3
	713.07	ND	11.17	701.90	03/27/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	ND	12.88	700.19	09/17/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	713.07	ND	11.07	702.00	03/18/25	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.37	<1	<1	<2	<3
	713.07	ND	13.82	699.25	09/23/25	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
MW-111S TOS(bgs): 9 BOS(bgs): 14 GE: 717.03 Finish: stickup Stickup Height: 2.50	713.07	ND	10.06	703.01	03/18/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	719.53	ND	12.88	706.65	07/17/19	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	10	<1	<1	<2	<3
	719.53	ND	12.65	706.88	02/27/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	6	<1	<1	<2	<3
	719.53	ND	13.54	705.99	08/19/20	<5	<50	0.13	<5	<1	<5	<1	<5	<1	<1	<90	<1	8	<1	<1	<2	<3
	719.53	ND	14.55	704.98	03/03/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	53	2	<1	<2	<3
	719.53	ND	13.63	705.90	09/16/21	0.15	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	16	<1	<1	<2	<3
	719.53	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.01	705.52	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.59	704.94	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.07	706.46	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.17	706.36	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.25	705.28	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						2-Methylnaphthalene	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Naphthalene	1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran	Toluene	Trichloroethylene (TCE)	Vinyl Chloride	o-Xylene	p,m-Xylene	Xylenes, Total
Drinking Water - Res						260	1,800	5 (A)	520	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	95	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Drinking Water - Non-Res						750	5,200	5 (A)	1,500	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	270	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Groundwater Surface Water Interface						19	ID	1,500 (X)	11	89	NA	NA	99 (X)	17	60 (X)	11,000 (X)	270	200 (X)	13 (X)	NA	NA	49
Volatilization to Indoor Air - Res						25,000 (S)	2.0E+7 (S)	220,000	31,000 (S)	660,000	NA	NA	300,000 (S)	56,000 (S)	25,000	6.9E+06	530,000 (S)	2,200	1,100	NA	NA	190,000 (S)
Volatilization to Indoor Air - Non-Res						25,000 (S)	2.0E+7 (S)	1.4E+06	31,000 (S)	1.3E+6 (S)	NA	NA	300,000 (S)	56,000 (S)	170,000	1.6E+07	530,000 (S)	4,900	13,000	NA	NA	190,000 (S)
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-112S TOS(bgs): 15 BOS(bgs): 20 GE: 720.50 Finish: flushmount TOC Depth: -0.50	720.00	ND	14.43	705.57	07/16/19	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	9	7	<1	<2	<3
	Dupe 1 (MW-112S)			--	07/16/19	<5	<50	0.19	<5	<1	<5	<1	<5	<1	<1	<90	0.17	9	6	<1	<2	<3
	720.00	ND	14.59	705.41	02/27/20	<5	<50	0.11	<5	<1	<5	<1	<5	<1	<1	<90	<1	6	10	<1	<2	<3
	Dupe 1 (MW-112S)			--	02/27/20	<5	<50	0.13	<5	<1	<5	<1	<5	<1	<1	<90	<1	6	11	<1	<2	<3
	720.00	ND	14.95	705.05	08/18/20	<5	<50	0.13	<5	<1	<5	<1	<5	<1	<1	<90	<1	4	6	<1	<2	<3
	Dupe #1 (MW-112S)			--	08/18/20	<5	<50	0.13	<5	<1	<5	<1	<5	<1	<1	<90	0.1	4	5	<1	<2	<3
	720.00	ND	17.02	702.98	03/02/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	10	2	<1	<2	<3
	Dupe1 (MW-112S)			--	03/02/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	11	3	<1	<2	<3
	720.00	ND	15.15	704.85	09/15/21	<5	0.31	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	4	4	<1	<2	<3
	Dupe 1			--	09/15/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	0.11	4	4	<1	<2	<3
	720.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.00	ND	16.35	703.65	03/16/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	1	2	<1	<2	<3
	720.00	ND	16.70	703.30	09/13/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	7	2	<1	<2	<3
	720.00	ND	16.80	703.20	03/21/23	<5	0.55	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	1	0.83	<1	<2	<3
	720.00	ND	14.27	705.73	09/14/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	5	9	<1	<2	<3
	720.00	ND	15.19	704.81	03/27/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	1	3	<1	<2	<3
	720.00	ND	14.61	705.39	09/17/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	3	7	<1	<2	<3
	720.00	ND	16.04	703.96	03/18/25	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	1	<1	<1	<2	<3
	720.00	ND	17.62	702.38	09/23/25	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.37	0.72	<1	<2	<3
	720.00	ND	15.38	704.62	03/17/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	1	2	<1	<2	<3
MW-113S TOS(bgs): 8.5 BOS(bgs): 13.5 GE: 711.50 Finish: stickup Stickup Height: 2.50	714.00	ND	12.31	701.69	07/17/19	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	12	0.78	<1	<2	<3
	714.00	ND	12.02	701.98	02/27/20	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	7	0.79	<1	<2	<3
	714.00	ND	12.79	701.21	08/19/20	<5	<50	0.12	<5	<1	<5	<1	<5	<1	<1	<90	<1	30	2	<1	<2	<3
	714.00	ND	12.94	701.06	03/03/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	5	0.62	<1	<2	<3
	714.00	ND	13.01	700.99	09/15/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	29	1	<1	<2	<3
	714.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.89	701.11	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.60	700.40	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.00	701.00	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.78	701.22	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.21	701.79	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.49	701.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.08	701.92	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.92	700.08	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						2-Methylnaphthalene	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Naphthalene	1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran	Toluene	Trichloroethylene (TCE)	Vinyl Chloride	o-Xylene	p,m-Xylene	Xylenes, Total
Drinking Water - Res						260	1,800	5 (A)	520	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	95	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Drinking Water - Non-Res						750	5,200	5 (A)	1,500	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	270	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Groundwater Surface Water Interface						19	ID	1,500 (X)	11	89	NA	NA	99 (X)	17	60 (X)	11,000 (X)	270	200 (X)	13 (X)	NA	NA	49
Volatilization to Indoor Air - Res						25,000 (S)	2.0E+7 (S)	220,000	31,000 (S)	660,000	NA	NA	300,000 (S)	56,000 (S)	25,000	6.9E+06	530,000 (S)	2,200	1,100	NA	NA	190,000 (S)
Volatilization to Indoor Air - Non-Res						25,000 (S)	2.0E+7 (S)	1.4E+06	31,000 (S)	1.3E+6 (S)	NA	NA	300,000 (S)	56,000 (S)	170,000	1.6E+07	530,000 (S)	4,900	13,000	NA	NA	190,000 (S)
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-114S TOS(bgs): 7 BOS(bgs): 12 GE: 712.33 Finish: stickup Stickup Height: -0.59	711.74	ND	8.36	703.38	07/17/19	<30	<250	2.5	<30	1.7	<30	<5	<30	<5	<5	9.3	<5	179	8	<5	<10	<3
	Dupe 2 (MW-114S)			--	07/17/19	<30	<250	2.5	<30	1.5	<30	<5	<30	<5	<5	9.8	<5	169	8	<5	<10	<3
	711.74	ND	8.11	703.63	02/27/20	<5	<50	<5	<5	2	<5	<1	<5	<1	0.2	<90	<1	335	5	<1	<2	<3
	Dupe 2 (MW-114S)			--	02/27/20	<5	<50	<5	<5	2	<5	<1	<5	<1	0.18	<90	<1	350	3	<1	<2	<3
	711.74	ND	8.82	702.92	08/19/20	<50	<500	10.2	<50	1.9	<50	<10	<50	<10	<10	7.6	<10	310	10	<10	<20	<3
	Dupe #2 (MW-114S)			--	08/19/20	<50	<500	9.9	<50	1.9	<50	<10	<50	<10	<10	7.2	<10	290	10	<10	<20	<3
	711.74	ND	9.12	702.62	03/03/21	<50	<500	<50	<50	<10	<50	<10	<50	<10	<10	<900	<10	270	5.3	<10	<20	<30
	Dupe-2 (MW-114S)			--	03/03/21	<50	<500	<50	<50	<10	<50	<10	<50	<10	<10	<900	<10	280	6.2	<10	<20	<30
	711.74	ND	8.82	702.92	09/15/21	<50	<500	<50	<50	<10	<50	<10	<50	<10	<10	<900	<10	200	9.3	<10	<20	<30
	Dupe 2			--	09/15/21	<5	<50	<5	<5	1	<5	<1	<5	<1	<1	<90	<1	226	11	<1	<2	<3
	711.74	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	711.74	ND	8.72	703.02	03/16/22	<5	<50	<5	<5	1	<5	<1	<5	<1	<1	<90	<1	172	7	<1	<2	<3
	Dupel (MW-114S)			--	03/16/22	<5	<50	<5	<5	1	<5	<1	<5	<1	<1	<90	<1	162	6	<1	<2	<3
	711.74	ND	9.42	702.32	09/13/22	<5	<50	<5	<5	1	<5	<1	<5	<1	<1	<90	<1	252	14	<1	<2	<3
	Dupel (MW-114S)			--	09/13/22	<5	<50	<5	<5	1	<5	<1	<5	<1	<1	<90	<1	219	13	<1	<2	<3
	711.74	ND	8.84	702.90	03/21/23	1.6	<250	<30	0.65	1.2	0.5	<5	<30	<5	<5	15.5	<5	173	3.95	<5	<10	<15
	Dupel (MW-114S)			--	03/21/23	<5	<50	<5	<5	0.93	<5	<1	<5	<1	<1	<90	<1	199	6	<1	<2	<3
	711.74	ND	7.98	703.76	09/14/23	<30	<250	<30	<30	<5	<30	<5	<30	<5	<5	<450	<5	166	3.5	<5	<10	<3
	Dupel (MW-114S)			--	09/14/23	<5	<50	<5	<5	1	<5	<1	<5	<1	<1	<90	<1	202	5	<1	<2	<3
	711.74	ND	10.89	700.85	03/27/24	<5	<50	<5	<5	0.58	<5	<1	<5	<1	<1	<90	<1	129	2	<1	<2	<3
	Dup1 (MW-114S)			--	03/27/24	<5	<50	<5	<5	0.59	<5	<1	<5	<1	<1	<90	<1	132	2	<1	<2	<3
	711.74	ND	8.45	703.29	09/17/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	216	4	<1	<2	<3
	Dup1 (MW-114S)			--	09/17/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	213	4	<1	<2	<3
	711.74	ND	8.06	703.68	03/18/25	<5	<50	<5	<5	0.72	<5	<1	<5	<1	<1	<90	<1	161	2	<1	<2	<3
	711.74	ND	9.51	702.23	09/23/25	<5	<50	<5	<5	1	<5	<1	<5	<1	<1	<90	<1	170	5	<1	<2	<3
	Dup1 (MW-114S)			--	09/23/25	<5	<50	<5	<5	1	<5	<1	<5	<1	<1	<90	<1	160	5	<1	<2	<3
	711.74	ND	7.79	703.95	03/18/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	31	0.31	<1	<2	<3
	Dup1 (MW-114S)			--	03/18/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	35	0.39	<1	<2	<3
MW-115S TOS(bgs): 7 BOS(bgs): 12 GE: 711.92 Finish: Stickup Stickup Height: 3.06	714.98	ND	11.35	703.63	11/18/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	0.95	<1	<2	<3
	714.98	ND	11.89	703.09	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	12.43	702.55	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.94	703.04	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.23	703.75	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.10	703.88	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.47	703.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.09	703.89	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	10.79	704.19	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a

Groundwater Analytical Results

RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						2-Methylnaphthalene	4-Methyl-2-pentanone (MIBK)	Methylene chloride	Naphthalene	1,1,1-Trichloroethane	1,2,3-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran	Toluene	Trichloroethylene (TCE)	Vinyl Chloride	o-Xylene	p,m-Xylene	Xylenes, Total
Drinking Water - Res						260	1,800	5 (A)	520	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	95	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Drinking Water - Non-Res						750	5,200	5 (A)	1,500	200 (A)	NA	NA	70 (A)	63 (E)	5 (A)	270	790 (E)	5 (A)	2 (A)	NA	NA	280 (E)
Groundwater Surface Water Interface						19	ID	1,500 (X)	11	89	NA	NA	99 (X)	17	60 (X)	11,000 (X)	270	200 (X)	13 (X)	NA	NA	49
Volatilization to Indoor Air - Res						25,000 (S)	2.0E+7 (S)	220,000	31,000 (S)	660,000	NA	NA	300,000 (S)	56,000 (S)	25,000	6.9E+06	530,000 (S)	2,200	1,100	NA	NA	190,000 (S)
Volatilization to Indoor Air - Non-Res						25,000 (S)	2.0E+7 (S)	1.4E+06	31,000 (S)	1.3E+6 (S)	NA	NA	300,000 (S)	56,000 (S)	170,000	1.6E+07	530,000 (S)	4,900	13,000	NA	NA	190,000 (S)
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-116S TOS(bgs): 14 BOS(bgs): 19 GE: 719.95 Finish: Stickup Stickup Height: 3.02	722.97	ND	19.99	702.98	11/18/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	Dupe1 (MW-116S)			--	11/18/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	<1	<1	<1	<2	<3
	722.97	ND	20.87	702.10	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.15	701.82	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.25	701.72	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.94	702.03	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.89	703.08	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.88	703.09	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.09	701.88	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.36	702.61	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-117S TOS(bgs): 9 BOS(bgs): 14 GE: 717.15 Finish: Stickup Stickup Height: 3.09	720.24	ND	14.87	705.37	11/18/21	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	1	<1	<1	<2	<3
	720.24	ND	15.40	704.84	03/16/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	1	<1	<1	<2	<3
	720.24	ND	15.62	704.62	09/13/22	<5	<50	<5	<5	<1	<5	<1	<5	<1	0.21	<90	<1	1	<1	<1	<2	<3
	720.24	ND	15.20	705.04	03/21/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	0.14	<90	<1	<1	<1	<1	<2	<3
	720.24	ND	14.59	705.65	09/14/23	<5	<50	<5	<5	<1	<5	<1	<5	<1	0.19	<90	<1	0.29	<1	<1	<2	<3
	720.24	ND	14.68	705.56	03/28/24	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.22	<1	<1	<2	<3
	720.24	ND	14.97	705.27	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	15.28	704.96	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	14.66	705.58	03/18/26	<5	<50	<5	<5	<1	<5	<1	<5	<1	<1	<90	<1	0.2	<1	<1	<2	<3

Results in micrograms per liter (ug/L).

Only compounds detected are included on this summary table. See laboratory report for additional compounds analyzed.

Footnotes are presented behind the analytical summary tables.

Table 1a

Groundwater Analytical Results

RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Arsenic, Dissolved	Arsenic	Chromium, VI, Dissolved	Chromium, VI	Chromium, Total, Dissolved	Chromium, Total	Copper, Dissolved	Copper	Lead, Dissolved	Lead	Selenium, Dissolved	Selenium	Zinc, Dissolved	Zinc
Drinking Water - Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	2,400	2,400
Drinking Water - Non-Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	5,000 (E)	5,000 (E)
Groundwater Surface Water Interface						10	10	11	11	160	160	20	20	44	44	5	5	260	260
Volatilization to Indoor Air - Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Volatilization to Indoor Air - Non-Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date														
MW-100S TOS(bgs): 5 BOS(bgs): 15 GE: 720.56 Finish: stickup Stickup Height: 2.50	723.06	ND	14.97	708.09	07/16/19	0.298	0.572	<0.01	<0.01	0.345	0.56	0.829	0.816	<0.003	<0.003	<0.005	<0.005	7	2.75
	723.06	ND	15.26	707.80	02/25/20	<2	<2	<5	<10	0.275	0.42	0.405	<5	<3	0.249	<5	<5	6	1.56
	723.06	ND	16.07	706.99	08/18/20	0.57	<2	<10	<10	0.548	0.938	0.489	0.709	0.274	0.234	<5	<5	3.794	2.732
	723.06	ND	17.48	705.58	03/02/21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	723.06	ND	16.40	706.66	09/14/21	<2	0.53	<10	<10	0.46	3.58	0.71	1.73	<3	0.35	3.79	2.65	4.11	3.09
	723.06	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.63	705.43	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.42	705.64	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.62	705.44	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.40	705.66	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.35	706.71	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	15.94	707.12	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.45	706.61	03/17/26	<2	<2	<10	<10	<5	8	<5	1.651	<3	<3	<5	<5	<5	<5
MW-101S TOS(bgs): 9 BOS(bgs): 19 GE: 719.58 Finish: stickup Stickup Height: 2.50 well destroyed well destroyed well destroyed well destroyed Abandoned 3/18/25	722.08	ND	15.84	706.24	07/16/19	0.475	0.521	<0.01	<0.01	3.944	2.54	2.404	3.124	1.434	0.361	<0.005	<0.005	9	7
	722.08	ND	16.00	706.08	02/25/20	<2	<2	<5	<10	0.891	2.753	<0.005	0.698	<3	0.283	<5	<5	4.654	2.074
	722.08	ND	17.00	705.08	08/18/20	<2	1.019	<10	<10	1.225	2.151	<5	0.596	<3	0.409	<5	<5	7	2.35
	722.08	ND	18.58	703.50	03/03/21	<2	9	<10	<2	4.09	351	0.579	34	0.4	17	<5	<5	3.28	75
	722.08	ND	17.59	704.49	09/14/21	<2	6	<10	<250	1.05	70	1	22	<3	13	2.29	<5	2.38	59
	722.08	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	15.96	706.12	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	16.56	705.52	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Arsenic, Dissolved	Arsenic	Chromium, VI, Dissolved	Chromium, VI	Chromium, Total, Dissolved	Chromium, Total	Copper, Dissolved	Copper	Lead, Dissolved	Lead	Selenium, Dissolved	Selenium	Zinc, Dissolved	Zinc
Drinking Water - Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	2,400	2,400
Drinking Water - Non-Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	5,000 (E)	5,000 (E)
Groundwater Surface Water Interface						10	10	11	11	160	160	20	20	44	44	5	5	260	260
Volatilization to Indoor Air - Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Volatilization to Indoor Air - Non-Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date														
MW-102S TOS(bgs): 9 BOS(bgs): 19 GE: 720.28 Finish: stickup Stickup Height: 2.50	722.78	ND	15.58	707.20	07/17/19	0.577	<0.002	<0.01	<0.01	5	6	0.579	0.742	<0.003	<0.003	<0.005	<0.005	8	2.47
	722.78	ND	15.61	707.17	02/25/20	<2	<2	8	<10	7	6	<0.005	0.516	<3	<3	<5	<5	5	1.632
	722.78	ND	16.13	706.65	08/18/20	0.362	0.414	<10	<10	2.804	1170	1.301	55	<3	<3	<5	<5	6	1.075
	722.78	ND	17.07	705.71	03/02/21	<2	0.318	<10	<10	2	15	<5	1.2	<3	0.412	<5	<5	3.63	3.09
	722.78	ND	16.48	706.30	09/14/21	<2	0.51	<10	8	7	7	<5	0.45	<3	<3	<5	<5	6	2.38
	722.78	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.81	705.97	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.36	705.42	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.39	705.39	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.23	705.55	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.78	707.00	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.88	706.90	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.09	706.69	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-103S TOS(bgs): 9 BOS(bgs): 19 GE: 717.16 Finish: stickup Stickup Height: 2.50	719.66	ND	13.71	705.95	07/17/19	7	39	<0.01	<0.02	0.246	0.382	<0.005	0.775	<0.003	<0.003	<0.005	<0.005	4.05	1.04
	719.66	ND	13.58	706.08	02/28/20	4	46	<10	<20	0.204	0.388	<0.005	0.528	0.208	<3	<5	<5	2.299	2.05
	719.66	ND	14.22	705.44	08/19/20	13	64	<20	<250	0.174	0.221	<5	<5	<3	<3	<5	<5	2.013	1.046
	719.66	ND	15.05	704.61	03/03/21	18	37	<10	<2	0.212	0.229	<5	<5	<3	<3	<5	<5	2.62	2.28
	719.66	ND	14.31	705.35	09/14/21	10	34	<10	<250	<5	0.36	<5	0.84	<3	0.21	<5	3.31	5	7
	719.66	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.66	14.68	14.86	704.80	03/16/22	8	39	0.238	0.258	<10	<10	<5	<5	<3	<3	<5	<5	1.75	1.72
	719.66	ND	15.05	704.61	09/13/22	20	57	0.2	0.969	<10	<250	<5	<5	<3	<3	<5	<5	0.823	<5
	719.66	ND	15.00	704.66	03/21/23	8	14	0.204	0.406	<10	<0.25	<0.005	0.469	<3	<3	<5	<5	1.17	1.68
	719.66	ND	13.22	706.44	09/14/23	13	40	0.181	0.342	<50	<50	<5	<5	<3	<3	<5	<5	0.904	<5
	719.66	ND	13.69	705.97	03/28/24	0.032	0.045	<20	<250	<5	<5	<5	<5	<3	<3	<5	<5	<5	<5
	719.66	ND	13.87	705.79	09/17/24	16	55	<5	<5	4	<250	<5	<5	<3	<3	<5	<5	<5	<5
	719.66	ND	15.01	704.65	03/18/25	7	18	<5	0.899	<20	<20	<5	<5	<3	<3	<5	<5	<5	<5
	719.66	ND	15.00	704.66	09/23/25	26	72	<5	<5	<20	<250	<5	<5	0.625	<3	<5	<5	<5	<5
	719.66	ND	13.80	705.86	03/18/26	<2	5	<10	<10	<5	<5	<5	<5	<3	<3	<5	<5	<5	<5

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Arsenic, Dissolved	Arsenic	Chromium, VI, Dissolved	Chromium, VI	Chromium, Total, Dissolved	Chromium, Total	Copper, Dissolved	Copper	Lead, Dissolved	Lead	Selenium, Dissolved	Selenium	Zinc, Dissolved	Zinc
Drinking Water - Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	2,400	2,400
Drinking Water - Non-Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	5,000 (E)	5,000 (E)
Groundwater Surface Water Interface						10	10	11	11	160	160	20	20	44	44	5	5	260	260
Volatilization to Indoor Air - Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Volatilization to Indoor Air - Non-Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date														
MW-104S TOS(bgs): 13 BOS(bgs): 18 GE: 721.53 Finish: flushmount TOC Depth: -0.50	721.03	ND	13.68	707.35	07/16/19	0.496	0.358	<0.01	<0.01	0.302	34	1.698	3.404	<0.003	<0.003	<0.005	<0.005	7	4.85
	721.03	ND	13.79	707.24	02/25/20	<2	<2	<5	<10	0.562	16	3.473	9	<3	<3	<5	<5	9	14
	721.03	ND	14.22	706.81	08/18/20	<2	0.339	<10	<10	0.474	61	0.707	2.148	<3	<3	<5	<5	9	1.538
	721.03	ND	9.12	711.91	03/02/21	<2	0.493	<10	<10	3.14	1210	0.766	30	<3	<3	<5	<5	3.3	2.44
	721.03	ND	15.21	705.82	09/14/21	<2	<2	<10	<10	0.19	100	0.75	2.89	<3	<3	2.79	2.1	5	3.17
	721.03	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.47	705.56	03/16/22	0.423	0.872	0.725	106	<10	<10	0.441	1.738	<3	<3	3.52	3.7	1.968	1.933
	721.03	ND	15.21	705.82	09/13/22	1.779	4	10	17,100	<10	<50	1.252	129	<3	0.297	3.904	6	<5	7
	721.03	ND	16.25	704.78	03/21/23	1.4	1.38	0.502	70	<10	<10	1.46	3.59	<3	<3	<5	2.45	1.87	2.37
	721.03	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	14.52	706.51	03/27/24	<2	<2	<10	<10	<5	60	1.156	6	<3	<3	5	6	<5	4.754
	721.03	ND	14.15	706.88	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.55	705.48	03/17/26	<2	<2	<10	<10	<5	95	1.426	2.254	<3	<3	<5	<5	<5	<5
MW-105S TOS(bgs): 13 BOS(bgs): 18 GE: 723.64 Finish: flushmount TOC Depth: -0.50	723.14	ND	12.88	710.26	07/16/19	0.399	1.03	<0.01	<0.01	0.802	83	2.039	4.683	0.673	0.303	2.39	<0.005	7	6
	723.14	ND	12.89	710.25	02/25/20	<2	0.316	<5	<10	0.463	280	0.396	6	<3	<3	9	9	1.504	1.948
	723.14	ND	14.32	708.82	08/18/20	<2	0.558	<10	<10	1.072	24	0.563	0.971	<3	<3	9	10	3.668	6
	723.14	ND	14.33	708.81	03/02/21	<2	0.423	<10	<10	0.779	30	0.651	1.28	<3	<3	<5	<5	3.21	1.81
	723.14	ND	14.34	708.80	09/14/21	0.52	0.78	<10	<10	0.76	35	<5	0.56	<3	0.25	6	4.95	4.37	2.39
	723.14	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.15	708.99	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.17	708.97	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.69	708.45	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.08	709.06	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.30	709.84	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.43	709.71	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.03	709.11	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.39	708.75	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Arsenic, Dissolved	Arsenic	Chromium, VI, Dissolved	Chromium, VI	Chromium, Total, Dissolved	Chromium, Total	Copper, Dissolved	Copper	Lead, Dissolved	Lead	Selenium, Dissolved	Selenium	Zinc, Dissolved	Zinc
Drinking Water - Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	2,400	2,400
Drinking Water - Non-Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	5,000 (E)	5,000 (E)
Groundwater Surface Water Interface						10	10	11	11	160	160	20	20	44	44	5	5	260	260
Volatilization to Indoor Air - Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Volatilization to Indoor Air - Non-Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date														
MW-106SR TOS(bgs): 13 BOS(bgs): 18 GE: 723.86 Finish: flushmount TOC Depth: -0.50	723.36	ND	14.56	708.80	07/16/19	<0.002	0.275	<0.01	<0.01	0.328	4.544	0.898	1.603	<0.003	0.216	<0.005	<0.005	7	2.62
	723.36	ND	14.63	708.73	02/25/20	<2	1.173	<5	<10	0.719	764	0.576	14	<3	0.886	<5	<5	1.216	7
	723.36	ND	14.32	709.04	08/18/20	0.934	0.314	<10	<10	1.389	22	0.814	1.003	<3	<3	<5	<5	3.46	1.828
	723.36	DRY	16.47	706.89	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	DRY	15.87	707.49	09/14/21	<2	2	<10	<10	2.19	5800	519	54	0.31	0.97	3.53	4.53	3.11	7
	723.36	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.30	707.06	03/16/22	0.616	1.593	0.875	2020	<10	<10	0.781	33	<3	1.062	3.6	3.78	10	31
	723.36	ND	15.92	707.44	09/13/22	1.625	2	1.056	278	<10	<50	1.603	7	<3	0.271	4.346	7	2.639	6
	723.36	ND	17.09	706.27	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	15.11	708.25	09/14/23	2	3	0.575	155	<10	<10	0.735	2.188	<3	0.251	3.89	4.114	1.279	<5
	723.36	ND	15.21	708.15	03/27/24	3	1.629	<10	<10	1.218	598	<5	9	<3	<3	<5	<5	<5	4.121
	723.36	ND	15.85	707.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.06	707.30	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.53	706.83	03/18/26	<2	25	<10	<10	1.154	140000	<5	1,110	<3	18	<5	9	<5	218
MW-107S TOS(bgs): 13 BOS(bgs): 18 GE: 723.37 Finish: flushmount TOC Depth: -0.50	722.87	ND	15.35	707.52	07/16/19	0.485	<0.002	<0.01	<0.01	0.286	0.301	1.576	1.663	<0.003	<0.003	<0.005	<0.005	27	22
	722.87	ND	15.27	707.60	02/25/20	<2	0.465	<5	4	<5	0.185	0.86	0.996	<3	0.283	<5	<5	9	6
	722.87	ND	14.62	708.25	08/18/20	<2	0.258	<10	<10	0.14	<0.005	0.478	0.417	<3	<3	<5	<5	3.679	1.729
	722.87	ND	16.81	706.06	03/02/21	0.441	0.578	<10	<10	0.181	<5	0.517	0.59	<3	<3	<5	<5	10	8
	722.87	ND	16.20	706.67	09/15/21	0.5	0.26	<10	<10	0.83	0.11	1.01	1	0.21	0.31	2.27	<5	7	4.08
	722.87	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.61	706.26	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.40	706.47	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	17.21	705.66	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.87	707.00	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.64	707.23	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.07	706.80	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.65	706.22	03/17/26	<2	<2	<10	<10	<5	<5	<5	<5	<3	<3	<5	<5	<5	<5

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Arsenic, Dissolved	Arsenic	Chromium, VI, Dissolved	Chromium, VI	Chromium, Total, Dissolved	Chromium, Total	Copper, Dissolved	Copper	Lead, Dissolved	Lead	Selenium, Dissolved	Selenium	Zinc, Dissolved	Zinc
Drinking Water - Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	2,400	2,400
Drinking Water - Non-Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	5,000 (E)	5,000 (E)
Groundwater Surface Water Interface						10	10	11	11	160	160	20	20	44	44	5	5	260	260
Volatilization to Indoor Air - Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Volatilization to Indoor Air - Non-Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date														
MW-108S TOS(bgs): 11 BOS(bgs): 16 GE: 711.52 Finish: stickup Stickup Height: 2.50	714.02	ND	11.22	702.80	07/17/19	0.483	0.328	<0.01	<0.01	0.326	0.575	0.545	0.975	<0.003	0.37	<0.005	<0.005	1.13	5
	714.02	ND	10.85	703.17	02/27/20	0.257	<2	<5	<25	0.295	0.431	1.357	0.564	<3	<3	<5	<5	7	2.742
	714.02	ND	11.97	702.05	08/19/20	<0.002	<0.002	<10	<10	0.299	0.207	0.418	0.448	<3	<3	<5	<5	6	4.07
	714.02	ND	12.34	701.68	03/03/21	<0.002	0.257	<10	<10	0.132	1.03	0.665	0.963	<3	<3	<5	<5	5	3.88
	714.02	ND	12.32	701.70	09/15/21	<2	<2	<10	<10	0.35	0.16	1.28	1.34	0.24	0.23	<5	<5	12	6
	714.02	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	11.90	702.12	03/16/22	<2	1.122	0.298	0.364	<10	<10	0.505	0.628	<3	<3	3.13	3.16	2.015	2.611
	714.02	ND	12.97	701.05	09/13/22	0.565	0.332	0.428	1.308	<10	<10	0.853	0.747	<3	<3	2.48	3.116	2.316	2.116
	714.02	ND	12.45	701.57	03/21/23	0.381	0.465	0.27	0.559	<10	<10	0.856	2.42	<3	0.508	4.27	6	2.38	6
	714.02	ND	10.66	703.36	09/14/23	1.347	2	1.099	0.414	<10	<10	<5	<5	<3	<3	6	6	0.789	1.573
	714.02	ND	10.71	703.31	03/27/24	<2	<2	<10	<10	<5	<5	<5	<5	<3	<3	7	7	<5	<5
	714.02	ND	11.47	702.55	09/17/24	<2	<2	<5	<5	<10	<10	<5	<5	<3	1.063	<5	<5	11	13
	714.02	ND	11.09	702.93	03/18/25	<2	<2	<2	3.686	<10	<10	<5	1.149	<3	<3	<5	<5	5	11
	Dupel (MW-108S)			--	03/18/25	<2	<2	<2	0.811	<10	<10	<5	0.935	<3	<3	<5	<5	5	14
	714.02	ND	13.02	701.00	09/23/25	<2	<2	<5	<5	<10	<10	<5	<5	<0.003	<0.003	<5	<5	5	6
	714.02	ND	10.45	703.57	03/18/26	<2	<2	<10	<10	<5	<5	<5	0.801	<3	<3	<5	6	<5	3.328
MW-109S TOS(bgs): 9 BOS(bgs): 14 GE: 712.12 Finish: stickup Stickup Height: 2.50	714.62	ND	11.14	703.48	07/17/19	10	73	<0.01	<0.02	0.265	2.927	<0.005	0.774	<0.003	<0.003	<0.005	<0.005	1.92	4.43
	714.62	ND	10.89	703.73	02/27/20	9	69	<5	<500	0.138	1.767	<5	<5	<3	<3	<5	<5	3.151	2.004
	714.62	ND	11.66	702.96	08/19/20	16	113	<10	<0.25	0.17	0.282	<5	<5	<3	0.245	<5	<5	2.365	1.703
	714.62	ND	11.98	702.64	03/03/21	10	86	<10	<5	0.269	1.27	<5	1.5	<3	1.28	<5	<5	2.92	5
	714.62	ND	11.67	702.95	09/15/21	52	73	<10	<50	0.31	0.27	<5	<5	<5	<5	<5	<5	3.34	2.68
	714.62	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.59	703.03	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	12.25	702.37	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.70	702.92	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.08	703.54	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	8.10	706.52	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.27	703.35	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.05	703.57	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	10.61	704.01	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Arsenic, Dissolved	Arsenic	Chromium, VI, Dissolved	Chromium, VI	Chromium, Total, Dissolved	Chromium, Total	Copper, Dissolved	Copper	Lead, Dissolved	Lead	Selenium, Dissolved	Selenium	Zinc, Dissolved	Zinc
Drinking Water - Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	2,400	2,400
Drinking Water - Non-Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	5,000 (E)	5,000 (E)
Groundwater Surface Water Interface						10	10	11	11	160	160	20	20	44	44	5	5	260	260
Volatilization to Indoor Air - Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Volatilization to Indoor Air - Non-Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date														
MW-110S TOS(bgs): 9 BOS(bgs): 14 GE: 710.57 Finish: stickup Stickup Height: 2.50	713.07	ND	11.83	701.24	07/17/19	0.295	1.72	<0.01	<0.02	0.406	1.283	0.497	0.543	<0.003	<0.003	<0.005	<0.005	5	2.37
	713.07	ND	11.45	701.62	02/27/20	0.518	2	<5	<500	0.312	0.862	<5	0.835	<3	0.242	<5	<5	3.037	1.879
	713.07	ND	12.18	700.89	08/19/20	0.616	1.261	<10	<50	0.393	0.458	<5	<5	0.904	<0.003	<5	<5	3.312	1.381
	713.07	ND	12.04	701.03	03/03/21	1.03	2	<10	<10	0.194	0.261	1.56	4.08	<3	0.375	<5	<5	22	25
	713.07	ND	12.36	700.71	09/15/21	1.06	1.85	<10	<50	0.26	13	0.59	1.86	<3	0.39	<5	<5	8	4.69
	713.07	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	713.07	ND	12.02	701.05	03/16/22	1.91	9	0.216	2.794	<10	<10	<0.005	1.805	<3	0.99	<5	<5	6	8
	713.07	ND	12.76	700.31	09/13/22	0.968	2	1.952	1.516	<10	<10	0.626	0.914	<3	<3	<5	<5	1.812	1.038
	713.07	ND	11.73	701.34	03/21/23	1.18	2	0.39	1.33	<10	<10	1.81	4.11	<3	0.743	<5	<5	26	28
	713.07	ND	11.54	701.53	09/14/23	3	6	0.107	1.803	<10	<10	0.51	1.899	<3	0.729	<5	<5	0.939	2.266
	713.07	ND	11.17	701.90	03/27/24	2	3	<20	<250	<5	<5	<5	1.039	<3	<3	<5	<5	<5	<5
	713.07	ND	12.88	700.19	09/17/24	<2	<2	<5	<5	<10	<250	<5	<5	<3	<3	<5	<5	<5	<5
	713.07	ND	11.07	702.00	03/18/25	3	3	<5	3.09	<10	<10	<5	2.26	0.768	<3	<5	<5	<5	<5
	713.07	ND	13.82	699.25	09/23/25	3	3	<5	1.832	<10	<10	<5	0.919	<3	<3	<5	<5	<5	<5
	713.07	ND	10.06	703.01	03/18/26	<2	<2	<10	<10	<5	9	1.43	2.42	<3	<3	<5	<5	12	15
MW-111S TOS(bgs): 9 BOS(bgs): 14 GE: 717.03 Finish: stickup Stickup Height: 2.50	719.53	ND	12.88	706.65	07/17/19	0.535	0.942	<0.01	<0.01	5	6	0.752	0.938	<0.003	0.214	<0.005	<0.005	5	3.3
	719.53	ND	12.65	706.88	02/27/20	<2	0.998	<5	<500	6	6	0.501	0.694	<3	0.339	<5	<5	6	1.594
	719.53	ND	13.54	705.99	08/19/20	0.589	0.676	<10	<10	5	7	<5	0.392	<3	<3	<5	<5	3.689	1.424
	719.53	ND	14.55	704.98	03/03/21	0.636	0.727	<10	<10	2.01	6	0.682	1.01	<3	0.223	<5	<5	4.98	1.35
	719.53	ND	13.63	705.90	09/16/21	<2	1.77	<10	<10	1.98	15	1.44	1.06	<3	0.38	<5	3.15	3.47	2.5
	719.53	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.01	705.52	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.59	704.94	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.07	706.46	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.17	706.36	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.25	705.28	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
Groundwater Analytical Results
RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Arsenic, Dissolved	Arsenic	Chromium, VI, Dissolved	Chromium, VI	Chromium, Total, Dissolved	Chromium, Total	Copper, Dissolved	Copper	Lead, Dissolved	Lead	Selenium, Dissolved	Selenium	Zinc, Dissolved	Zinc
Drinking Water - Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	2,400	2,400
Drinking Water - Non-Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	5,000 (E)	5,000 (E)
Groundwater Surface Water Interface						10	10	11	11	160	160	20	20	44	44	5	5	260	260
Volatilization to Indoor Air - Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Volatilization to Indoor Air - Non-Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date														
MW-112S TOS(bgs): 15 BOS(bgs): 20 GE: 720.50 Finish: flushmount TOC Depth: -0.50	720.00	ND	14.43	705.57	07/16/19	15	68	<0.01	<0.02	0.512	0.495	1.826	0.458	0.263	0.274	<0.005	<0.005	20	2
	Dupe 1 (MW-112S)			--	07/16/19	15	63	<0.01	<0.02	0.343	0.365	<0.005	1.106	<0.003	<0.003	<0.005	<0.005	3.34	2.32
	720.00	ND	14.59	705.41	02/27/20	13	41	4	<500	0.214	0.349	<5	<5	<3	<3	<5	<5	2.665	1.588
	Dupe 1 (MW-112S)			--	02/27/20	13	43	<5	<500	0.39	0.356	0.391	<5	0.584	<3	<5	<5	6	1.221
	720.00	ND	14.95	705.05	08/18/20	18	68	<10	<250	0.389	0.851	<5	<5	<3	<3	<5	<5	2.558	1.471
	Dupe #1 (MW-112S)			--	08/18/20	19	70	<10	<250	0.281	0.279	<5	<5	<3	<3	<5	<5	2.599	1.117
	720.00	ND	17.02	702.98	03/02/21	33	79	<10	<5	0.242	0.392	<5	<5	<3	<3	<5	<5	2.13	1.61
	Dupe1 (MW-112S)			--	03/02/21	30	77	<10	<50	0.358	0.487	<5	<5	<3	<3	<5	<5	2.44	1.88
	720.00	ND	15.15	704.85	09/15/21	40	71	<10	<50	0.34	0.42	<5	0.49	<3	0.2	<5	<5	6	3.97
	Dupe 1			--	09/15/21	29	73	<10	<50	0.12	0.33	<5	0.49	<3	<3	<5	<5	4	3.03
	720.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.00	ND	16.35	703.65	03/16/22	32	89	0.38	0.368	<10	<10	<0.005	<0.005	<3	<3	<5	<5	1.144	1.89
	720.00	ND	16.70	703.30	09/13/22	45	97	0.728	8	<10	<10	<5	<5	<3	<3	<5	<5	<5	<5
	720.00	ND	16.80	703.20	03/21/23	15	40	0.401	0.42	<10	<10	<5	<5	<3	<3	<5	<5	1.36	1.82
	720.00	ND	14.27	705.73	09/14/23	34	86	0.208	0.707	<10	<10	<5	<5	<3	0.204	<5	<5	<5	14
	720.00	ND	15.19	704.81	03/27/24	23	64	<10	<50	<5	<5	<5	6	<3	<3	<5	<5	<5	3.513
	720.00	ND	14.61	705.39	09/17/24	27	71	<5	<5	<10	<250	<5	<5	<3	<3	<5	<5	<5	<5
	720.00	ND	16.04	703.96	03/18/25	15	39	<5	1.064	<20	<10	<5	<5	<3	<3	<5	<5	<5	<5
	720.00	ND	17.62	702.38	09/23/25	52	52	0.814	<5	<10	<250	<5	<5	<3	<3	<5	<5	<5	4.112
	720.00	ND	15.38	704.62	03/17/26	6	5.2	<10	<10	<5	2.745	<5	<5	<3	<3	<5	<5	<5	<5
MW-113S TOS(bgs): 8.5 BOS(bgs): 13.5 GE: 711.50 Finish: stickup Stickup Height: 2.50	714.00	ND	12.31	701.69	07/17/19	1.38	5	<0.01	<0.02	1.132	1.634	1.465	1.144	<0.003	0.195	<0.005	<0.005	6	6
	714.00	ND	12.02	701.98	02/27/20	1.511	3	<5	<250	0.518	6	0.492	0.973	<3	0.4	<5	<5	8	6
	714.00	ND	12.79	701.21	08/19/20	1.145	4	<10	<50	0.283	1.506	<5	<5	<3	<3	<5	<5	2.057	1.634
	714.00	ND	12.94	701.06	03/03/21	2	4	<10	<10	0.39	2.35	0.504	1.02	<3	0.449	3.59	4.45	5	3.34
	714.00	ND	13.01	700.99	09/15/21	1.33	6	<10	<50	0.49	3.92	0.46	2.18	0.25	1.02	2.69	<5	6	9
	714.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.89	701.11	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.60	700.40	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.00	701.00	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.78	701.22	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.21	701.79	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.49	701.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.08	701.92	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.92	700.08	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a
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EGLE Generic Residential Cleanup Criteria						Arsenic, Dissolved	Arsenic	Chromium, VI, Dissolved	Chromium, VI	Chromium, Total, Dissolved	Chromium, Total	Copper, Dissolved	Copper	Lead, Dissolved	Lead	Selenium, Dissolved	Selenium	Zinc, Dissolved	Zinc
Drinking Water - Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	2,400	2,400
Drinking Water - Non-Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	5,000 (E)	5,000 (E)
Groundwater Surface Water Interface						10	10	11	11	160	160	20	20	44	44	5	5	260	260
Volatilization to Indoor Air - Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Volatilization to Indoor Air - Non-Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date														
MW-114S TOS(bgs): 7 BOS(bgs): 12 GE: 712.33 Finish: stickup Stickup Height: -0.59	711.74	ND	8.36	703.38	07/17/19	16	101	<0.01	<0.02	0.171	0.371	0.879	1.317	<0.003	0.385	<0.005	<0.005	13	12
	Dupe 2 (MW-114S)			--	07/17/19	18	95	<0.01	<0.02	0.329	0.369	0.707	1.541	<0.003	0.615	<0.005	<0.005	4.37	10
	711.74	ND	8.11	703.63	02/27/20	25	62	<5	<500	13	0.97	0.751	6	<3	4	<5	<5	27	44
	Dupe 2 (MW-114S)			--	02/27/20	24	69	<5	<500	<5	1.084	0.611	6	<3	4	<5	<5	29	43
	711.74	ND	8.82	702.92	08/19/20	20	119	<10	<50	0.235	0.457	1.604	1.803	0.369	1.289	<5	<5	8	15
	Dupe #2 (MW-114S)			--	08/19/20	21	114	<10	<50	0.138	0.428	53	1.587	<3	1.194	<5	<5	7	16
	711.74	ND	9.12	702.62	03/03/21	18	55	<10	<20	0.267	0.681	0.461	2.64	<3	1.51	<5	<5	6	10
	Dupe-2 (MW-114S)			--	03/03/21	20	53	<10	<20	0.236	0.361	<5	1.55	0.278	0.947	<5	<5	5	9
	711.74	ND	8.82	702.92	09/15/21	56	166	<10	<50	0.22	1	<5	1.5	<3	0.75	<5	<5	4.33	7
	Dupe 2			--	09/15/21	61	168	<10	<50	0.21	0.78	<5	1.6	<3	1.17	<5	<5	4.8	6
	711.74	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	711.74	ND	8.72	703.02	03/16/22	13	52	0.215	0.57	<10	<10	<5	3.007	<3	2.466	<5	<5	12	37
	Dupel (MW-114S)			--	03/16/22	11	49	0.286	0.609	<10	<10	<5	3.227	<3	2.637	<5	<5	13	23
	711.74	ND	9.42	702.32	09/13/22	45	127	0.437	1.219	<10	<10	0.459	8	<3	6	<5	<5	3.777	32
	Dupel (MW-114S)			--	09/13/22	48	176	0.254	3.597	<10	<50	0.529	22	<3	17	<5	<5	3.372	100
	711.74	ND	8.84	702.90	03/21/23	18	34	0.182	0.514	<10	<10	0.379	1.56	<3	0.213	<5	<5	4.82	8
	Dupel (MW-114S)			--	03/21/23	15	27	0.139	0.496	<10	<10	2.29	1	<3	0.38	<5	<5	12	8
	711.74	ND	7.98	703.76	09/14/23	8	58	0.173	0.646	<10	<10	0.576	2.507	<3	1.477	<5	<5	14	30
	Dupel (MW-114S)			--	09/14/23	9	57	<5	0.624	<10	<10	0.767	2.374	<4	1.459	<5	<5	15	27
	711.74	ND	10.89	700.85	03/27/24	10	16	<10	<10	<5	<5	<5	1.073	0.74	<3	<5	<5	15	16
	Dup1 (MW-114S)			--	03/27/24	11	16	<10	<10	<5	<5	<5	1.186	<3	<3	<5	<5	12	15
	711.74	ND	8.45	703.29	09/17/24	20	35	<5	<5	<10	<50	<5	1.179	<3	0.558	<5	<5	12	19
	Dup1 (MW-114S)			--	09/17/24	20	36	<5	<5	<10	<50	4.631	1.051	<3	0.525	<5	<5	15	20
	711.74	ND	8.06	703.68	03/18/25	17	244	1.162	20	<10	<10	0.852	76	<3	54	<5	<5	8	139
	711.74	ND	9.51	702.23	09/23/25	7	66	<5	0.991	<10	<20	<5	1.559	<3	1.451	<5	<5	8	13
	Dup1 (MW-114S)			--	09/23/25	7	68	<5	9	<10	<50	<5	1.133	<3	<3	<5	<5	7	13
	711.74	ND	7.79	703.95	03/18/26	2	9	<10	<10	<5	1.563	1.385	3.021	<3	1.877	5	6	33	54
	Dup1 (MW-114S)			--	03/18/26	1.886	8	<10	<10	<5	1.617	<5	2.694	<3	1.704	4.921	6	30	49
MW-115S TOS(bgs): 7 BOS(bgs): 12 GE: 711.92 Finish: Stickup Stickup Height: 3.06	714.98	ND	11.35	703.63	11/18/21	0.01	41	0.136	0.75	<10	<50	0.468	1.11	<3	<3	<5	<5	3.37	7
	714.98	ND	11.89	703.09	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	12.43	702.55	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.94	703.04	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.23	703.75	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.10	703.88	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.47	703.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.09	703.89	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	10.79	704.19	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1a

Groundwater Analytical Results

RACER 12990 Flint West, Glenwood Avenue and Stevenson Street, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						Arsenic, Dissolved	Arsenic	Chromium, VI, Dissolved	Chromium, VI	Chromium, Total, Dissolved	Chromium, Total	Copper, Dissolved	Copper	Lead, Dissolved	Lead	Selenium, Dissolved	Selenium	Zinc, Dissolved	Zinc
Drinking Water - Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	2,400	2,400
Drinking Water - Non-Res						10 (A)	10 (A)	100 (A)	100 (A)	100 (A)	100 (A)	1,000 (E)	1,000 (E)	4 (L)	4 (L)	50 (A)	50 (A)	5,000 (E)	5,000 (E)
Groundwater Surface Water Interface						10	10	11	11	160	160	20	20	44	44	5	5	260	260
Volatilization to Indoor Air - Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Volatilization to Indoor Air - Non-Res						NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV	NLV
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date														
MW-116S TOS(bgs): 14 BOS(bgs): 19 GE: 719.95 Finish: Stickup Stickup Height: 3.02	722.97	ND	19.99	702.98	11/18/21	0.005	23	1.22	0.174	<10	<50	<5	0.638	<3	0.204	<5	<5	4.1	4.88
	Dupe1 (MW-116S)			--	11/18/21	0.005	22	0.154	0.336	<10	<25	<5	0.653	<300	<3	<5	<5	9	9
	722.97	ND	20.87	702.10	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.15	701.82	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.25	701.72	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.94	702.03	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.89	703.08	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.88	703.09	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.09	701.88	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.36	702.61	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-117S TOS(bgs): 9 BOS(bgs): 14 GE: 717.15 Finish: Stickup Stickup Height: 3.09	720.24	ND	14.87	705.37	11/18/21	0.00059	0.314	0.266	0.299	<10	<10	1.2	1.26	<3	<3	<5	<5	6	10
	720.24	ND	15.40	704.84	03/16/22	1.131	0.597	0.417	12	<10	<10	1.321	2.285	<3	<3	<5	<5	1.719	2.169
	720.24	ND	15.62	704.62	09/13/22	0.716	2	0.285	45	<10	<10	3.762	3.6	<3	0.407	<5	<5	2.006	1.893
	720.24	ND	15.20	705.04	03/21/23	0.941	1.06	1.27	49	<10	<10	1.13	2.16	<3	<3	<5	<5	1.24	1.65
	720.24	ND	14.59	705.65	09/14/23	1.618	2	0.45	1610	<10	<10	0.752	67	<3	0.753	<5	<5	<5	2.789
	720.24	ND	14.68	705.56	03/28/24	<2	<2	<10	<10	<5	22	0.932	1.674	<3	<3	<5	<5	<5	<5
	720.24	ND	14.97	705.27	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	15.28	704.96	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	14.66	705.58	03/18/26	<2	<2	<10	<10	<5	1160	<5	47	<3	<3	<5	<5	<5	<5

Results in micrograms per liter (ug/L).

Only compounds detected are included on this summary table. See laboratory report for additional compounds analyzed.

Footnotes are presented behind the analytical summary tables.

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-100S TOS(bgs): 5 BOS(bgs): 15 GE: 720.56 Finish: stickup Stickup Height: 2.50	723.06	ND	14.97	708.09	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	15.26	707.80	02/25/20	<20	<9.8	<9.8	<9.8	2.7	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8
	723.06	ND	16.07	706.99	08/18/20	<9.8	<3.9	<2.0	<2.0	1.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	723.06	ND	17.48	705.58	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.40	706.66	09/14/21	<9.8	1.1	<2.0	<2.0	1.6	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0
	723.06	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.63	705.43	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.42	705.64	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.62	705.44	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.40	705.66	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.35	706.71	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	15.94	707.12	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.45	706.61	03/17/26	4.0	<4.4	<2.2	<2.2	2.5	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
MW-101S TOS(bgs): 9 BOS(bgs): 19 GE: 719.58 Finish: stickup Stickup Height: 2.50 well destroyed well destroyed well destroyed well destroyed Abandoned 3/18/25	722.08	ND	15.84	706.24	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	16.00	706.08	02/25/20	<21	<10	<10	1.7	2.3	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	722.08	ND	17.00	705.08	08/18/20	<9.7	1.9	<1.9	<1.9	1.9	<1.9	<1.9	<1.9	3.2	1.9	1.6	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	722.08	ND	18.58	703.50	03/03/21	<10	<4.1	<2.1	<2.1	1.9	<2.1	<2.1	<2.1	2.5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	722.08	ND	17.59	704.49	09/14/21	<9.7	2.6	<1.9	2.1	<1.9	<1.9	<1.9	<3.9	5.5	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9
	722.08	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	15.96	706.12	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	16.56	705.52	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-102S TOS(bgs): 9 BOS(bgs): 19 GE: 720.28 Finish: stickup Stickup Height: 2.50	722.78	ND	15.58	707.20	07/17/19	<19	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7
	722.78	ND	15.61	707.17	02/25/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.13	706.65	08/18/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.07	705.71	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.48	706.30	09/14/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.81	705.97	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.36	705.42	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.39	705.39	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.23	705.55	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.78	707.00	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.88	706.90	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.09	706.69	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-103S TOS(bgs): 9 BOS(bgs): 19 GE: 717.16 Finish: stickup Stickup Height: 2.50	719.66	ND	13.71	705.95	07/17/19	<19	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4
	719.66	ND	13.58	706.08	02/28/20	<19	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	2.7	3.0	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
	719.66	ND	14.22	705.44	08/19/20	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.2	2.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	719.66	ND	15.05	704.61	03/03/21	<28	<4.3	<2.2	<2.2	1.6	<2.2	<2.2	<2.2	<2.2	5.9	3.4	2.6	<2.2	<2.2	<2.2	<2.2	<2.2
	719.66	ND	14.31	705.35	09/16/21	<16	<3.9	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	2.7	5.0	3.1	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0
	719.66	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.66	14.68	14.86	704.80	03/16/22	<39	<3.9	<2.0	<2.0	1.6	<2.0	<2.0	<2.0	2.6	2.1	2.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	719.66	ND	15.05	704.61	09/13/22	<190	<3.8	<1.9	<5.7	<1.9	<1.9	<1.9	<1.9	2.5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	719.66	ND	15.00	704.66	03/21/23	<19	<3.8	<1.9	<1.9	1.7	2.0	<1.9	<1.9	<1.9	2.6	2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	719.66	ND	13.22	706.44	09/14/23	<26	<3.9	<2.0	<2.0	<2.0	1.9	<2.0	<2.0	3.7	2.9	2.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	719.66	ND	13.69	705.97	03/28/24	<33	<3.8	<1.9	<2.7	<1.9	<1.9	<1.9	<1.9	2.7	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	719.66	ND	13.87	705.79	09/17/24	<22	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	719.66	ND	15.01	704.65	03/18/25	<11	<4.2	<2.1	<2.1	0.9	<2.1	<2.1	<2.1	1.0	2.1	2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	719.66	ND	15.00	704.66	09/23/25	<10	<4.1	<2.1	<2.1	0.7	<2.1	<2.1	<2.1	1.5	1.6	1.6	<2.1	<2.1	<2.1	1.1	<2.1	<2.1
	719.66	ND	13.80	705.86	03/18/26	<19	<4.2	<2.1	<2.1	1.8	<2.1	<2.1	<2.1	0.8	2.7	2.7	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-104S TOS(bgs): 13 BOS(bgs): 18 GE: 721.53 Finish: flushmount TOC Depth: -0.50	721.03	ND	13.68	707.35	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	13.79	707.24	02/25/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	14.22	706.81	08/18/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	9.12	711.91	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.21	705.82	09/14/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.47	705.56	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.21	705.82	09/13/22	<9.5	<3.8	<1.9	<1.9	1.6	<1.9	<1.9	<1.9	<1.9	1.7	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	721.03	ND	16.25	704.78	03/21/23	<9.8	0.9	<2.0	0.6	2.0	<2.0	1.0	<3.9	<2.0	2.2	1.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	721.03	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	14.52	706.51	03/27/24	3.3	<3.9	<2.0	<2.0	2.5	<2.0	<2.0	<2.0	1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	721.03	ND	14.15	706.88	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.55	705.48	03/17/26	3.6	<4.3	<2.1	<2.1	2.5	<2.1	<2.1	<2.1	<2.1	1.9	1.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
MW-105S TOS(bgs): 13 BOS(bgs): 18 GE: 723.64 Finish: flushmount TOC Depth: -0.50	723.14	ND	12.88	710.26	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	12.89	710.25	02/25/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.32	708.82	08/18/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.33	708.81	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.34	708.80	09/14/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.15	708.99	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.17	708.97	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.69	708.45	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.08	709.06	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.30	709.84	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.43	709.71	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.03	709.11	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.39	708.75	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-106SR TOS(bgs): 13 BOS(bgs): 18 GE: 723.86 Finish: flushmount TOC Depth: -0.50	723.36	ND	14.56	708.80	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	14.63	708.73	02/25/20	8.1	<10	<10	3.5	4.5	2.8	<10	<10	8.7	<10	<10	<10	<10	<10	<10	<10	<10
	723.36	ND	14.32	709.04	08/18/20	<10	3.1	<2.0	3.7	3.2	3.0	<2.0	<2.0	11	3.1	2.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	723.36	DRY	16.47	706.89	03/02/21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	723.36	DRY	15.87	707.49	09/14/21	<9.6	3.3	<1.9	3.8	3.6	2.1	<1.9	<3.8	17	2.1	1.6	<1.9	<1.9	<3.8	2.5	<1.9	<1.9
	723.36	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.30	707.06	03/16/22	<9.7	1.2	<1.9	2.0	3.6	2.2	<1.9	<1.9	15	1.6	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	723.36	ND	15.92	707.44	09/13/22	<9.5	1.8	<1.9	2.5	4.3	2.1	<1.9	<1.9	13	1.9	1.6	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	723.36	ND	17.09	706.27	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	15.11	708.25	09/14/23	<10	1.5	<2.0	<2.0	2.9	1.8	<2.0	<2.0	6.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	723.36	ND	15.21	708.15	03/27/24	7.5	2.5	<2.0	2.4	4.3	1.0	<2.0	<2.0	5.3	1.3	<2.0	<2.0	<2.0	<2.0	0.9	<2.0	<2.0
	723.36	ND	15.85	707.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.06	707.30	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.53	706.83	03/18/26	9.6	4.5	<2.0	3.8	5.7	2.9	<2.0	<2.0	14.0	2.0	1.2	<2.0	<2.0	<2.0	1.3	<2.0	<2.0
MW-107S TOS(bgs): 13 BOS(bgs): 18 GE: 723.37 Finish: flushmount TOC Depth: -0.50	722.87	ND	15.35	707.52	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.27	707.60	02/25/20	<19	<9.6	<9.6	<9.6	1.9	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6
	722.87	ND	14.62	708.25	08/18/20	<10	<4.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	722.87	ND	16.81	706.06	03/02/21	<10	<4.2	<2.1	<2.1	1.5	<2.1	<2.1	<2.1	1.9	2.9	2.2	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	722.87	ND	16.20	706.67	09/15/21	19.0	<3.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9
	722.87	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.61	706.26	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.40	706.47	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	17.21	705.66	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.87	707.00	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.64	707.23	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.39	707.48	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.07	706.80	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.65	706.22	03/17/26	<10	<4.2	<2.1	<2.1	1.9	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-108S TOS(bgs): 11 BOS(bgs): 16 GE: 711.52 Finish: stickup Stickup Height: 2.50	714.02	ND	11.22	702.80	07/17/19	<19	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7
	714.02	ND	10.85	703.17	02/25/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	11.97	702.05	08/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	12.34	701.68	03/03/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	12.32	701.70	09/15/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	11.90	702.12	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	12.97	701.05	09/13/22	<9.1	<3.6	<1.8	<1.8	1.5	<1.8	<1.8	<1.8	<1.8	2.3	1.5	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
	714.02	ND	12.45	701.57	03/21/23	<9.8	<3.9	<2.0	<2.0	1.1	1.0	<2.0	<3.9	<2.0	1.6	1.6	<2.0	0.8	<2.0	<2.0	<2.0	<2.0
	714.02	ND	10.66	703.36	09/14/23	<22	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	3.7	2.8	2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	714.02	ND	10.71	703.31	03/27/24	<10.0	<4.0	<2.0	<2.0	1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	714.02	ND	11.28	702.74	09/17/24	<10	<4.1	<2.1	<2.1	1.8	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	714.02	ND	11.09	702.93	03/18/25	<10	<4.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Dup-1 (MW-108S)			--	03/18/25	<10	<4.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	2.0	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	714.02	ND	13.02	701.00	09/23/25	<10	<4.1	<2.1	<2.1	1.2	<2.1	<2.1	<2.1	1.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	714.02	ND	10.45	703.57	03/18/26	<10	<4.1	<2.1	<2.1	0.9	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
MW-109S TOS(bgs): 9 BOS(bgs): 14 GE: 712.12 Finish: stickup Stickup Height: 2.50	714.62	ND	11.14	703.48	07/17/19	<19	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7
	714.62	ND	10.89	703.73	02/27/20	5.5	<9.9	<9.9	1.4	<9.9	<9.9	<9.9	<9.9	2.3	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9
	714.62	ND	11.66	702.96	08/19/20	<10	3.6	<2.0	3.2	2.7	1.5	<2.0	<2.0	3.1	2.5	1.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	714.62	ND	11.98	702.64	03/03/21	<9.7	14.0	<1.9	7.6	2.2	2.0	<1.9	<1.9	3.6	1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	714.62	ND	11.67	702.95	09/15/21	<9.8	2.1	<2.0	<2.0	1.6	<2.0	<2.0	<3.9	1.9	1.7	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0
	714.62	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.59	703.03	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	12.25	702.37	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.70	702.92	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.08	703.54	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	8.10	706.52	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.27	703.35	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.05	703.57	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	10.61	704.01	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-110S TOS(bgs): 9 BOS(bgs): 14 GE: 710.57 Finish: stickup Stickup Height: 2.50	713.07	ND	11.83	701.24	07/17/19	20.0	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6
	713.07	ND	11.45	701.62	02/27/20	<19	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
	713.07	ND	12.18	700.89	08/19/20	<10.0	1.1	<2.0	<2.0	1.9	<2.0	<2.0	<2.0	2.8	2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	713.07	ND	12.04	701.03	03/03/21	<10.0	<4.0	<2.0	<2.0	3.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	713.07	ND	12.36	700.71	09/15/21	<10	1.5	<2.1	<2.1	1.7	<2.1	<2.1	<4.2	2.7	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1
	713.07	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	713.07	ND	12.02	701.05	03/16/22	<9.8	<3.9	<2.0	<2.0	2.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	713.07	ND	12.76	700.31	09/13/22	<9.6	<3.8	<1.9	<1.9	1.7	<1.9	<1.9	<1.9	2.5	2.5	1.6	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	713.07	ND	11.73	701.34	03/21/23	<10	<4.1	<2.0	0.6	2.4	<2.0	1.0	<4.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	713.07	ND	11.54	701.53	09/14/23	21	1.1	<1.9	<1.9	5.4	<1.9	<1.9	<1.9	<1.9	2.4	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	713.07	ND	11.17	701.90	03/27/24	<9.6	<3.8	<1.9	<1.9	2.0	<1.9	<1.9	<1.9	0.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	713.07	ND	12.88	700.19	09/17/24	<11	<4.3	<2.2	1.8	2.1	<2.2	<2.2	<2.2	2.7	2.5	1.7	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
	713.07	ND	11.07	702.00	03/18/25	<10	<4.1	<2.1	<2.1	1.9	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	713.07	ND	13.82	699.25	09/23/25	<10	<4.0	<2.0	<2.0	1.1	<2.0	<2.0	<2.0	2.7	2.3	1.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	713.07	ND	10.06	703.01	03/18/26	5.0	0.8	<2.1	<2.1	2.0	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
MW-111S TOS(bgs): 9 BOS(bgs): 14 GE: 717.03 Finish: stickup Stickup Height: 2.50	719.53	ND	12.88	706.65	07/17/19	<19	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6
	719.53	ND	12.65	706.88	02/27/20	<20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	719.53	ND	13.54	705.99	08/19/20	<10	2.4	<2.1	1.6	1.5	<2.1	<2.1	<2.1	3.0	1.9	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	719.53	ND	14.55	704.98	03/03/21	<10	4.1	<2.1	2.3	1.7	<2.1	<2.1	<2.1	2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	719.53	ND	13.63	705.90	09/16/21	<9.8	2.9	<2.0	<2.2	<2.0	<2.0	<2.0	<3.9	2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0
	719.53	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.01	705.52	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.59	704.94	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.07	706.46	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.17	706.36	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.25	705.28	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b

Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)

RACER 12990 Flint West

Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-112S TOS(bgs): 15 BOS(bgs): 20 GE: 720.50 Finish: flushmount TOC Depth: -0.50	720.00	ND	14.43	705.57	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.00	ND	14.59	705.41	02/27/20	<19	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4
	Dupe 1 (MW-112S)			--	02/27/20	<20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	720.00	ND	14.95	705.05	08/18/20	<9.9	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Dupe #1 (MW-112S)			--	08/18/20	<10	<4.1	<2.1	<2.1	1.8	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	720.00	ND	17.02	702.98	03/02/21	<21	<4.1	<2.1	<2.1	1.7	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	Dupe1 (MW-112S)			--	03/03/21	<20	<3.9	<2.0	<2.0	1.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	720.00	ND	15.15	704.85	09/15/21	<10	<4.1	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0
	Dupe1 (MW-112S)			--	09/15/21	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0
	720.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.00	ND	16.35	703.65	03/16/22	<31	<4.1	<2.1	<2.1	1.5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	720.00	ND	16.70	703.30	09/13/22	<28	<3.7	<1.8	<1.8	1.4	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
	720.00	ND	16.80	703.20	03/21/23	<9.6	<3.8	<1.9	<1.9	2.0	1.3	<1.9	<3.8	2.3	1.3	1.3	<1.9	1.0	<1.9	<1.9	<1.9	<1.9
	720.00	ND	14.27	705.73	09/14/23	<31	<3.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	720.00	ND	15.19	704.81	03/27/24	<27	<4.1	<2.0	<2.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	720.00	ND	14.61	705.39	09/17/24	<31	<4.1	<2.1	<2.1	1.8	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	720.00	ND	16.04	703.96	03/18/25	<10	<4.1	<2.1	<2.1	1.5	<2.1	<2.1	<2.1	1.2	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	720.00	ND	17.62	702.38	09/23/25	<10	<4.1	<2.0	<2.0	1.9	0.8	<2.0	<2.0	1.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	720.00	ND	15.38	704.62	03/17/26	<10	<4.2	<2.1	<2.1	2.1	<2.1	<2.1	<2.1	1.2	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-113S TOS(bgs): 8.5 BOS(bgs): 13.5 GE: 711.50 Finish: stickup Stickup Height: 2.50	714.00	ND	12.31	701.69	07/17/19	<19	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
	714.00	ND	12.02	701.98	02/27/20	<19	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
	714.00	ND	12.79	701.21	08/19/20	<9.7	1.0	<1.9	<1.9	1.8	<1.9	<1.9	<1.9	<1.9	3.1	2.6	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	714.00	ND	12.94	701.06	03/02/21	<10	<4.0	<2.0	<2.0	1.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	714.00	ND	13.01	700.99	09/15/21	<10	<4.1	<2.1	<2.1	1.6	<2.1	<2.1	<4.1	1.7	1.8	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1
	714.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.89	701.11	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.60	700.40	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.00	701.00	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.78	701.22	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.21	701.79	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.49	701.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.08	701.92	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.92	700.08	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-114S TOS(bgs): 7 BOS(bgs): 12 GE: 712.33 Finish: stickup Stickup Height: -0.59	711.74	ND	8.36	703.38	07/17/19	<19	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5
	711.74	ND	8.11	703.63	02/27/20	<20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Dupe 2 (MW-114S)			--	02/27/20	<19	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7
	711.74	ND	8.82	702.92	08/19/20	<9.7	1.1	<1.9	<1.9	1.8	<1.9	<1.9	<1.9	1.8	2.3	1.6	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	Dupe #2 (MW-114S)			--	08/19/20	<10	1.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.1	3.1	2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	9.12	702.62	03/03/21	<10	<4.1	<2.0	1.6	1.8	<2.0	<2.0	<2.0	<2.0	1.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Dupe-2 (MW-114S)			--	03/03/21	<10	1.6	<2.1	1.7	1.8	<2.1	<2.1	<2.1	1.9	1.8	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	711.74	ND	8.82	702.92	09/15/21	<10	<4.0	<2.0	<2.2	<2.0	<2.0	<2.0	<4.0	1.7	2.5	1.8	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0
	Dupe-2 (MW-114S)			--	09/15/21	<10	<4.1	<2.0	<2.4	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0
	711.74	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	711.74	ND	8.72	703.02	03/16/22	<9.8	<3.9	<2.0	1.7	1.5	<2.0	<2.0	<2.0	2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Dupel (MW-114S)			--	03/16/22	<10	<4.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	711.74	ND	9.42	702.32	09/13/22	<9.2	<3.7	<1.8	<1.8	1.7	<1.8	<1.8	<1.8	2.2	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
	Dupel (MW-114S)			--	09/13/22	<9.5	<3.8	<1.9	<1.9	1.5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	711.74	ND	8.84	702.90	03/21/23	<10	3.4	<2.0	2.0	2.2	1.3	<2.0	<4.0	2.3	1.5	1.5	<2.0	1.0	<2.0	<2.0	<2.0	<2.0
	Dupel (MW-114S)			--	03/21/23	<9.8	3.5	<2.0	2.0	2.0	1.6	<2.0	<3.9	2.4	1.3	1.3	<2.0	1.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	7.98	703.76	09/14/23	<9.9	2.6	<2.0	<2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Dupel (MW-114S)			--	09/14/23	<9.9	1.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	1.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	10.89	700.85	03/27/24	4.2	1.8	<2.0	1.5	1.6	<2.0	<2.0	<2.0	1.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Dupel (MW-114S)			--	03/27/24	4.4	1.4	<2.0	1.4	1.6	<2.0	<2.0	<2.0	1.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	8.45	703.29	09/17/24	<10	<4.0	<2.0	2.2	1.8	<2.0	<2.0	<2.0	2.1	1.5	1.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	8.06	703.68	03/18/25	5.6	1.8	<2.0	<2.0	1.6	<2.0	<2.0	<2.0	1.3	1.3	1.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	9.51	702.23	09/23/25	<10	1.9	<2.1	1.7	1.9	1.0	<2.1	<2.1	1.7	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	Dupel (MW-114S)			--	09/23/25	<11	2.0	<2.1	1.8	1.5	1.2	<2.1	<2.1	1.6	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	711.74	ND	7.79	703.95	03/18/26	<11	<4.5	<2.3	<2.3	1.1	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
	Dupel (MW-114S)			--	03/18/26	<11	<4.3	<2.1	<2.1	1.0	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1

TABLE 1b

Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)

RACER 12990 Flint West

Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-115S TOS(bgs): 7 BOS(bgs): 12 GE: 711.92 Finish: Stickup Stickup Height: 3.06	714.98	ND	11.35	703.63	11/18/21	<41	<4.1	<2.0	<2.0	2.3	<2.0	<2.0	<4.1	2.3	2.9	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0
	714.98	ND	11.89	703.09	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	12.43	702.55	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.94	703.04	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.23	703.75	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.10	703.88	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.47	703.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.09	703.89	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	10.79	704.19	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-116S TOS(bgs): 14 BOS(bgs): 19 GE: 719.95 Finish: Stickup Stickup Height: 3.02	722.97	ND	19.99	702.98	11/18/21	<57	<3.8	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	2.0	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9
	Duplicate (MW-116S)			--	11/18/21	<40	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	1.8	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0
	722.97	ND	20.87	702.10	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.15	701.82	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.25	701.72	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.94	702.03	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.89	703.08	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.88	703.09	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.09	701.88	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.36	702.61	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b

Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)

RACER 12990 Flint West

Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						PFBA	PFPeA	4:2 FTSA	PFHxA	PFBS	PFHpA	PFPeS	6:2 FTSA	PFOA	PFHxS	PFHxS-LN	PFHxS-BR	PFNA	8:2 FTSA	PFHpS	PFDA	N-MeFOSAA
Chemical Abstract Service Number						375-22-4	2706-90-3	757124-72-4	307-24-4	375-73-5	375-85-9	2706-91-4	27619-97-2	335-67-1	355-46-4	355-46-4-LN	355-46-4-BR	375-95-1	39108-34-4	375-92-8	335-76-2	2355-31-9
Drinking Water - Res*						NC	NC	NC	400,000	420	NC	NC	NC	4	10	NC	NC	10	NC	NC	NC	NC
Groundwater Surface Water Interface						NC	NC	NC	NC	NC	NC	NC	NC	12,000	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date																	
MW-117S TOS(bgs): 9 BOS(bgs): 14 GE: 717.15 Finish: Stickup Stickup Height: 3.09	720.24	ND	14.87	705.37	11/18/21	<9.7	<3.9	<1.9	1.9	1.4	<1.9	<1.9	<3.9	2.8	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9
	720.24	ND	15.40	704.84	03/16/22	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	720.24	ND	15.62	704.62	09/13/22	<10	<4.0	<2.0	<2.0	1.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	720.24	ND	15.20	705.04	03/21/23	3.0	1.0	<2.0	1.3	1.3	1.4	<2.0	<2.0	3.2	1.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	720.24	ND	14.59	705.65	09/14/23	<10.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	720.24	ND	14.68	705.56	03/28/24	5.8	<4.0	<2.0	1.3	1.6	<2.0	<2.0	<2.0	1.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	720.24	ND	14.97	705.27	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	15.28	704.96	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	14.66	705.58	03/18/26	12.0	3.4	<2.1	<2.1	1.5	<2.1	<2.1	<2.1	1.4	1.0	1.0	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1

Results in micrograms per liter (ng/L).

*- USEPA established drinking water Maximum Contaminant Levels (MCLs) in April 2024 for five PFAS compounds, including PFOA and PFOS. MCLs for drining water are used for comparison.

Only PFAS compound detected above laboratory detection limits are summarized on this table. See laboratory report for other compounds.

Footnotes are presented behind the analytical summary tables.

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl- PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-100S TOS(bgs): 5 BOS(bgs): 15 GE: 720.56 Finish: stickup Stickup Height: 2.50	723.06	ND	14.97	708.09	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	15.26	707.80	02/25/20	<9.8	20	7	12	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	NA	NA	NA	NA
	723.06	ND	16.07	706.99	08/18/20	<3.9	18	9	9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<2.0
	723.06	ND	17.48	705.58	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.40	706.66	09/14/21	<3.9	9	6	4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<9.8
	723.06	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.63	705.43	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.42	705.64	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.62	705.44	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	17.40	705.66	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.35	706.71	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	15.94	707.12	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.06	ND	16.45	706.61	03/17/26	<4.4	7	5	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<4.4	<2.2	<2.2	<2.2	<11
MW-101S TOS(bgs): 9 BOS(bgs): 19 GE: 719.58 Finish: stickup Stickup Height: 2.50 well destroyed well destroyed well destroyed well destroyed Abandoned 3/18/25	722.08	ND	15.84	706.24	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	16.00	706.08	02/25/20	<10	21	8	12	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA
	722.08	ND	17.00	705.08	08/18/20	<3.9	30	12	18	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<1.9
	722.08	ND	18.58	703.50	03/03/21	<4.1	25	10	15	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<2.1
	722.08	ND	17.59	704.49	09/14/21	<3.9	37	23	13	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<9.7
	722.08	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	15.96	706.12	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	ND	16.56	705.52	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.08	NG	NG	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl-PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-102S TOS(bgs): 9 BOS(bgs): 19 GE: 720.28 Finish: stickup Stickup Height: 2.50	722.78	ND	15.58	707.20	07/17/19	<9.7	11	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	NA	NA	NA	NA
	722.78	ND	15.61	707.17	02/25/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.13	706.65	08/18/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.07	705.71	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.48	706.30	09/14/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.81	705.97	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.36	705.42	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.39	705.39	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	17.23	705.55	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.78	707.00	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	15.88	706.90	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.78	ND	16.09	706.69	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-103S TOS(bgs): 9 BOS(bgs): 19 GE: 717.16 Finish: stickup Stickup Height: 2.50	719.66	ND	13.71	705.95	07/17/19	<9.4	93	44	48	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	NA	NA	NA	NA
	719.66	ND	13.58	706.08	02/28/20	<9.5	84	47	35	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	NA	NA	NA	NA
	719.66	ND	14.22	705.44	08/19/20	<4.0	120	81	40	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	719.66	ND	15.05	704.61	03/03/21	<5.4	91	65	26	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<4.3	<2.2	<2.2	<2.2	<2.2
	719.66	ND	14.31	705.35	09/16/21	<3.9	46	24	20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<9.8
	719.66	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.66	14.68	14.86	704.80	03/16/22	<3.9	74	47	25	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<3.9
	719.66	ND	15.05	704.61	09/13/22	5.1	73	49	20	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<9.6
	719.66	ND	15.00	704.66	03/21/23	<3.8	10	6	4	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<1.9
	719.66	ND	13.22	706.44	09/14/23	<3.9	58	34	22	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<9.9
	719.66	ND	13.69	705.97	03/28/24	<3.8	63	42	20	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<10
	719.66	ND	13.87	705.79	09/17/24	<4.0	92	59	31	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.8	<2.0	<2.0	<2.0	<10
	719.66	ND	15.01	704.65	03/18/25	<4.2	21	12	8	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<3.8	<2.1	<2.1	<2.1	<10
	719.66	ND	15.00	704.66	09/23/25	<4.1	56	35	18	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<10
	719.66	ND	13.80	705.86	03/18/26	<4.2	21	11	9	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1	<11

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl-PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-104S TOS(bgs): 13 BOS(bgs): 18 GE: 721.53 Finish: flushmount TOC Depth: -0.50	721.03	ND	13.68	707.35	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	13.79	707.24	02/25/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	14.22	706.81	08/18/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	9.12	711.91	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.21	705.82	09/14/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.47	705.56	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.21	705.82	09/13/22	<3.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<9.5
	721.03	ND	16.25	704.78	03/21/23	<3.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<2.0
	721.03	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	14.52	706.51	03/27/24	<3.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	721.03	ND	14.15	706.88	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	DRY	DRY	--	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	721.03	ND	15.55	705.48	03/17/26	<4.3	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.3	<2.1	<2.1	<2.1	<11
MW-105S TOS(bgs): 13 BOS(bgs): 18 GE: 723.64 Finish: flushmount TOC Depth: -0.50	723.14	ND	12.88	710.26	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	12.89	710.25	02/25/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.32	708.82	08/18/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.33	708.81	03/02/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.34	708.80	09/14/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.15	708.99	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.17	708.97	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.69	708.45	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.08	709.06	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.30	709.84	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	13.43	709.71	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.03	709.11	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.14	ND	14.39	708.75	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl- PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-106SR TOS(bgs): 13 BOS(bgs): 18 GE: 723.86 Finish: flushmount TOC Depth: -0.50	723.36	ND	14.56	708.80	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	14.63	708.73	02/25/20	<10	7.3	<10	6	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA
	723.36	ND	14.32	709.04	08/18/20	<4.0	7.3	<2.0	6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	723.36	DRY	16.47	706.89	03/02/21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	723.36	DRY	15.87	707.49	09/14/21	<3.8	18	3	15	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<9.6
	723.36	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.30	707.06	03/16/22	<3.9	11	3	8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<3.9
	723.36	ND	15.92	707.44	09/13/22	<3.8	16	4	11	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<9.5
	723.36	ND	17.09	706.27	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	15.11	708.25	09/14/23	<4.0	10	3	8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	723.36	ND	15.21	708.15	03/27/24	<4.0	7	2	4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	723.36	ND	15.85	707.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	723.36	ND	16.06	707.30	03/18/25	NS	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10.0
	723.36	ND	16.53	706.83	03/18/26	<4.1	20	5	13	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<10
MW-107S TOS(bgs): 13 BOS(bgs): 18 GE: 723.37 Finish: flushmount TOC Depth: -0.50	722.87	ND	15.35	707.52	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.27	707.60	02/25/20	<9.6	14	7	6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6				
	722.87	ND	14.62	708.25	08/18/20	<4.1	24	15	7	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<2.1
	722.87	ND	16.81	706.06	03/02/21	<4.2	16	10	5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1	<2.1
	722.87	ND	16.20	706.67	09/15/21	<3.9	7	4	3	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<9.7
	722.87	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.61	706.26	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.40	706.47	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	17.21	705.66	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.87	707.00	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.64	707.23	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	15.39	707.48	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.07	706.80	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.87	ND	16.65	706.22	03/17/26	<4.2	8	4	3	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1	<10

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl- PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-108S TOS(bgs): 11 BOS(bgs): 16 GE: 711.52 Finish: stickup Stickup Height: 2.50	714.02	ND	11.22	702.80	07/17/19	<9.7	11	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	NA	NA	NA	NA
	714.02	ND	10.85	703.17	02/25/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	11.97	702.05	08/19/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	12.34	701.68	03/03/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	12.32	701.70	09/15/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	11.90	702.12	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.02	ND	12.97	701.05	09/13/22	<3.6	9	3	6	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<3.6	<1.8	<1.8	<1.8	<9.1
	714.02	ND	12.45	701.57	03/21/23	<3.9	6	2	4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<2.0
	714.02	ND	10.66	703.36	09/14/23	<4.0	58	36	21	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	714.02	ND	10.71	703.31	03/27/24	<4.0	3	<2.0	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	714.02	ND	11.28	702.74	09/17/24	<4.1	4	<2.1	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	714.02	ND	11.09	702.93	03/18/25	<4.1	4	<2.0	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	Dup-1 (MW-108S)			--	03/18/25	<4.1	4	<2.1	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	714.02	ND	13.02	701.00	09/23/25	<4.1	5	1	4	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<10
	714.02	ND	10.45	703.57	03/18/26	<4.1	2	<2.1	2	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<10
MW-109S TOS(bgs): 9 BOS(bgs): 14 GE: 712.12 Finish: stickup Stickup Height: 2.50	714.62	ND	11.14	703.48	07/17/19	<9.7	28	12	16	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	NA	NA	NA	NA
	714.62	ND	10.89	703.73	02/27/20	<9.9	31	11	19	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9				
	714.62	ND	11.66	702.96	08/19/20	<4.0	29	15	13	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	714.62	ND	11.98	702.64	03/03/21	<3.9	21	9	12	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<1.9
	714.62	ND	11.67	702.95	09/15/21	<3.9	23	12	11	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<9.8
	714.62	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.59	703.03	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	12.25	702.37	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.70	702.92	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.08	703.54	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	8.10	706.52	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.27	703.35	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	11.05	703.57	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.62	ND	10.61	704.01	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl- PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-110S TOS(bgs): 9 BOS(bgs): 14 GE: 710.57 Finish: stickup Stickup Height: 2.50	713.07	ND	11.83	701.24	07/17/19	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	NA	NA	NA	NA
	713.07	ND	11.45	701.62	02/27/20	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5				
	713.07	ND	12.18	700.89	08/19/20	<4.0	6	<2.0	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	713.07	ND	12.04	701.03	03/03/21	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	713.07	ND	12.36	700.71	09/15/21	<4.2	6	<2.1	5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1	<10
	713.07	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	713.07	ND	12.02	701.05	03/16/22	<3.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<3.9
	713.07	ND	12.76	700.31	09/13/22	<3.8	6	<1.9	5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<9.6
	713.07	ND	11.73	701.34	03/21/23	<4.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<2.0
	713.07	ND	11.54	701.53	09/14/23	<3.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<1.9
	713.07	ND	11.17	701.90	03/27/24	<3.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<1.9
	713.07	ND	12.88	700.19	09/17/24	<4.3	6	1	4	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<4.3	<2.2	<2.2	<2.2	<11
	713.07	ND	11.07	702.00	03/18/25	<4.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	713.07	ND	13.82	699.25	09/23/25	<4.0	4	<2.0	3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	713.07	ND	10.06	703.01	03/18/26	<4.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<10
MW-111S TOS(bgs): 9 BOS(bgs): 14 GE: 717.03 Finish: stickup Stickup Height: 2.50	719.53	ND	12.88	706.65	07/17/19	<9.6	36	16	21	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	NA	NA	NA	NA
	719.53	ND	12.65	706.88	02/27/20	<10	32	14	16	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA
	719.53	ND	13.54	705.99	08/19/20	<4.1	33	17	15	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<2.1
	719.53	ND	14.55	704.98	03/03/21	<4.1	25	13	11	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<2.1
	719.53	ND	13.63	705.90	09/16/21	<3.9	11	6	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<9.8
	719.53	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.01	705.52	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.59	704.94	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.07	706.46	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	13.17	706.36	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	ND	14.25	705.28	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	719.53	DRY	DRY	--	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl- PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-112S TOS(bgs): 15 BOS(bgs): 20 GE: 720.50 Finish: flushmount TOC Depth: -0.50	720.00	ND	14.43	705.57	07/17/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.00	ND	14.59	705.41	02/27/20	<9.4	22	9	11	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	NA	NA	NA	NA
	Dupe 1 (MW-112S)			--	02/27/20	<10	19	8	9	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA
	720.00	ND	14.95	705.05	08/18/20	<4.0	11	5	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	Dupe #1 (MW-112S)			--	08/18/20	<4.1	13	6	6	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<2.1
	720.00	ND	17.02	702.98	03/02/21	<4.1	9	4	5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<2.1
	Dupe1 (MW-112S)			--	03/03/21	<3.9	10	4	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<2.0
	720.00	ND	15.15	704.85	09/15/21	<4.1	7	4	3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<10
	Dupe1 (MW-112S)			--	09/15/21	<4.0	8	4	4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	720.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.00	ND	16.35	703.65	03/16/22	<4.1	10	5	6	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<4.1
	720.00	ND	16.70	703.30	09/13/22	<3.7	6	3	3	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<3.7	<1.8	<1.8	<1.8	<9.2
	720.00	ND	16.80	703.20	03/21/23	<3.8	13	6	7	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<1.9
	720.00	ND	14.27	705.73	09/14/23	<3.9	10	5	5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<9.7
	720.00	ND	15.19	704.81	03/27/24	<4.1	7	4	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	720.00	ND	14.61	705.39	09/17/24	<4.1	11	5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	720.00	ND	16.04	703.96	03/18/25	<4.1	10	5	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	720.00	ND	17.62	702.38	09/23/25	<4.1	6	3	3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<10
	720.00	ND	15.38	704.62	03/17/26	<4.2	11	5	5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1	<10

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl- PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-113S TOS(bgs): 8.5 BOS(bgs): 13.5 GE: 711.50 Finish: stickup Stickup Height: 2.50	714.00	ND	12.31	701.69	07/17/19	<9.5	20	<9.5	16	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	NA	NA	NA	NA
	714.00	ND	12.02	701.98	02/27/20	<9.5	6	<9.5	4	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5				
	714.00	ND	12.79	701.21	08/19/20	<3.9	26	6	19	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<1.9
	714.00	ND	12.94	701.06	03/02/21	<4.0	12	5	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	714.00	ND	13.01	700.99	09/15/21	<4.1	23	10	13	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<10
	714.00	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.89	701.11	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.60	700.40	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.00	701.00	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.78	701.22	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.21	701.79	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.49	701.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	12.08	701.92	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.00	ND	13.92	700.08	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl- PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-114S TOS(bgs): 7 BOS(bgs): 12 GE: 712.33 Finish: stickup Stickup Height: -0.59	711.74	ND	8.36	703.38	07/17/19	<9.5	31	17	15	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	NA	NA	NA	NA
	711.74	ND	8.11	703.63	02/27/20	<10	31	15	14	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA
	Dupe 2 (MW-114S)			--	02/27/20	<9.7	35	17	17	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	NA	NA	NA	NA
	711.74	ND	8.82	702.92	08/19/20	<3.9	29	18	12	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<1.9
	Dupe #2 (MW-114S)			--	08/19/20	<4.1	36	21	14	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<2.0
	711.74	ND	9.12	702.62	03/03/21	<4.1	22	12	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<2.0
	Dupe-2 (MW-114S)			--	03/03/21	<4.1	25	14	10	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<2.1
	711.74	ND	8.82	702.92	09/15/21	<4.0	21	12	9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	Dupe-2 (MW-114S)			--	09/15/21	<4.1	18	11	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<10
	711.74	NG	NG	--	11/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	711.74	ND	8.72	703.02	03/16/22	<3.9	16	7	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<3.9
	Dupe1 (MW-114S)			--	03/16/22	<4.1	13	5	8	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.1	<2.1	<2.1	<2.1	<4.1
	711.74	ND	9.42	702.32	09/13/22	<3.7	30	18	12	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<3.7	<1.8	<1.8	<1.8	<9.2
	Dupe1 (MW-114S)			--	09/13/22	<3.8	23	14	9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<9.5
	711.74	ND	8.84	702.90	03/21/23	<4.0	17	9	8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	Dupe1 (MW-114S)			--	03/21/23	<3.9	15	8	8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<2.0
	711.74	ND	7.98	703.76	09/14/23	<3.9	14	7	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<3.9	<2.0	<2.0	<2.0	<2.0
	Dupe1 (MW-114S)			--	09/14/23	<4.0	14	8	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	10.89	700.85	03/27/24	<3.9	13	5	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	Dupe1 (MW-114S)			--	03/27/24	<4.0	15	7	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	8.45	703.29	09/17/24	<4.0	28	14	13	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	8.06	703.68	03/18/25	<4.1	12	4	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	711.74	ND	9.51	702.23	09/23/25	<4.2	20	11	9	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1	<10
	Dupe1 (MW-114S)			--	09/23/25	<4.2	21	12	9	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1	<11
	711.74	ND	7.79	703.95	03/18/26	<4.5	3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<4.5	<2.3	<2.3	<2.3	<11
	Dupe1 (MW-114S)			--	03/18/26	<4.3	2	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.3	<2.1	<2.1	<2.1	<11

TABLE 1b
Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)
RACER 12990 Flint West
Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl-PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-115S TOS(bgs): 7 BOS(bgs): 12 GE: 711.92 Finish: Stickup Stickup Height: 3.06	714.98	ND	11.35	703.63	11/18/21	2.6	27	18	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<10
	714.98	ND	11.89	703.09	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	12.43	702.55	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.94	703.04	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.23	703.75	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.10	703.88	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.47	703.51	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	11.09	703.89	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	714.98	ND	10.79	704.19	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-116S TOS(bgs): 14 BOS(bgs): 19 GE: 719.95 Finish: Stickup Stickup Height: 3.02	722.97	ND	19.99	702.98	11/18/21	<3.8	22	15	7	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.8	<1.9	<1.9	<1.9	<9.5
	Dupel (MW-116S)			--	11/18/21	<4.0	23	14	8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	722.97	ND	20.87	702.10	03/16/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.15	701.82	09/13/22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.25	701.72	03/21/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.94	702.03	09/14/23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.89	703.08	03/27/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	19.88	703.09	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	21.09	701.88	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	722.97	ND	20.36	702.61	03/17/26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 1b

Groundwater Analytical Results- Per- and Polyfluoroalkyl Substances (PFAS)

RACER 12990 Flint West

Stevenson Street and Glenwood Avenue, Flint, Michigan

EGLE Generic Residential Cleanup Criteria						EtFOSAA	PFOS	PFOS-LN	PFOS-BR	PFUnDA	PFNS	PFDoDA	PFDS	PFTrDA	FOSA	PFTeDA	11Cl-PF3OUdS	9Cl-PF3ONS	ADONA	HFPO-DA
Chemical Abstract Service Number						2991-50-6	1763-23-1	1763-23-1-LN	1763-23-1-BR	2058-94-8	68259-12-1	307-55-1	335-77-3	72629-94-8	754-91-6	376-06-7	763051-92-9	756426-58-1	919005-14-4	13252-13-6
Drinking Water - Res*						NC	4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	10
Groundwater Surface Water Interface						NC	12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sample Location TOS & BOS = Top & Bottom -of- Screen (ft bgs) Ground Elevation (GE) (ft)	TOC (feet)	DT NAPL (feet)	DTW (feet)	GW Elev (feet)	Sample Date															
MW-117S TOS(bgs): 9 BOS(bgs): 14 GE: 717.15 Finish: Stickup Stickup Height: 3.09	720.24	ND	14.87	705.37	11/18/21	<3.9	3	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<3.9	<1.9	<1.9	<1.9	<9.7
	720.24	ND	15.40	704.84	03/16/22	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<4.0
	720.24	ND	15.62	704.62	09/13/22	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10
	720.24	ND	15.20	705.04	03/21/23	<4.1	2	<2.0	1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.1	<2.0	<2.0	<2.0	<2.0
	720.24	ND	14.59	705.65	09/14/23	<4.0	3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10.0
	720.24	ND	14.68	705.56	03/28/24	<4.0	3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<10.0
	720.24	ND	14.97	705.27	09/17/24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	15.28	704.96	03/18/25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	720.24	ND	14.66	705.58	03/18/26	<4.2	3	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1	<11

Results in micrograms per liter (ng/L).

*- USEPA established drinking water Maximum Contaminant Levels (MCLs) in April 2024 for five PFAS compounds, including PFOA and PFOS. MCLs for drining water are used for comparison.

Only PFAS compound detected above laboratory detection limits are summarized on this table. See laboratory report for other compounds.

Footnotes are presented behind the analytical summary tables.



Analytical Laboratory Report

Report ID: S85190.01(01)
Generated on 03/23/2026

Report to
Attention: Rodney Abke
Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525 FAX:
Email: rabke@appliedecosystems.com

Report produced by
Merit Laboratories, Inc.
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Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary
Lab Sample ID(s): S85190.01-S85190.07
Project: RACER Flint West #12990
Collected Date(s): 03/17/2026
Submitted Date/Time: 03/17/2026 15:55
Sampled by: Unknown
P.O. #: PO110793-TASK6

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- Laboratory Accreditations (Page 3)
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- Method Summary (Page 4)
- Sample Summary (Page 5)


Maya Murshak
Technical Director



Analytical Laboratory Report

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Starred (*) analytes are not NY NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.

For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

There is no additional narrative for this analytical report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
o	Associated EIS outside of control limits
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
q	Qualifier ion ratio outside of control limits
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Analytical Laboratory Report

Method Summary

Method	Version
E200.8	EPA Method 200.8 Revision 5.4
N/A	Not Applicable
SM3500-Cr B	Standard Method 3500 Cr B 2020
SW3015A	SW 846 Method 3015A Revision 1 February 2007
SW5030C/8260C	SW 846 Method 8260C Revision 3 August 2006 / 5030C Revision 3 May 2003



Analytical Laboratory Report

Sample Summary (7 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S85190.01	MW-112S-20260317	Water	03/17/26 11:20
S85190.02	TripBlank-20260317	Water	03/17/26 12:01
S85190.03	MW-107S-20260317	Water	03/17/26 12:34
S85190.04	MW-100S-20260317	Water	03/17/26 13:38
S85190.05	FB-1-20260317	Water	03/17/26 13:55
S85190.06	EB-1-20260317	Water	03/17/26 14:00
S85190.07	MW-104S-20260317	Water	03/17/26 14:55



Analytical Laboratory Report

Lab Sample ID: S85190.01

Sample Tag: MW-112S-20260317

Collected Date/Time: 03/17/2026 11:20

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	2.7	IR
3	40ml Glass	HCL	Yes	2.7	IR
1	125ml Plastic	HNO3	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/19/26 12:07	ACK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/17/26 16:45, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 14:31, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	0.052	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	0.002745	0.005	0.000750	mg/L	5	7440-47-3	b
Copper	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 14:32, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	0.006	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:47, Analyst: NDK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	

b-Value detected less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85190.01 (continued)

Sample Tag: MW-112S-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:47, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	2	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	0.32	1	0.28	ug/L	1	75-35-4	J
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	0.35	1	0.14	ug/L	1	75-34-3	J
cis-1,2-Dichloroethene	0.81	1	0.15	ug/L	1	156-59-2	J
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	1	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85190.01 (continued)
Sample Tag: MW-112S-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:47, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85190.02

Sample Tag: TripBlank-20260317

Collected Date/Time: 03/17/2026 12:01

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
3	40ml Glass	HCL	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/19/26 12:07	ACK	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:24, Analyst: NDK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	Not detected	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	



Analytical Laboratory Report

Lab Sample ID: S85190.02 (continued)
Sample Tag: TripBlank-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:24, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85190.03

Sample Tag: MW-107S-20260317

Collected Date/Time: 03/17/2026 12:34

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	2.7	IR
3	40ml Glass	HCL	Yes	2.7	IR
1	125ml Plastic	HNO3	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/19/26 12:07	ACK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/17/26 16:50, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/17/26 17:20, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 14:34, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 14:35, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:59, Analyst: NDK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	



Analytical Laboratory Report

Lab Sample ID: S85190.03 (continued)

Sample Tag: MW-107S-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:59, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	0.24	1	0.15	ug/L	1	156-59-2	J
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	0.20	1	0.14	ug/L	1	79-01-6	J
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85190.03 (continued)

Sample Tag: MW-107S-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:59, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85190.04

Sample Tag: MW-100S-20260317

Collected Date/Time: 03/17/2026 13:38

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	2.7	IR
3	40ml Glass	HCL	Yes	2.7	IR
1	125ml Plastic	HNO3	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/19/26 12:07	ACK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/17/26 17:00, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/17/26 17:25, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 14:37, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	0.008	0.005	0.000750	mg/L	5	7440-47-3	
Copper	0.001651	0.005	0.000800	mg/L	5	7440-50-8	b
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 14:39, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 17:23, Analyst: NDK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	

b-Value detected less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85190.04 (continued)

Sample Tag: MW-100S-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 17:23, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	0.27	1	0.15	ug/L	1	156-59-2	J
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	2	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85190.04 (continued)
Sample Tag: MW-100S-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 17:23, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85190.05

Sample Tag: FB-1-20260317

Collected Date/Time: 03/17/2026 13:55

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	2.7	IR
3	40ml Glass	HCL	Yes	2.7	IR
1	125ml Plastic	HNO3	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/19/26 12:07	ACK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/17/26 17:05, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/17/26 17:30, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 14:40, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 14:42, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:12, Analyst: NDK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	



Analytical Laboratory Report

Lab Sample ID: S85190.05 (continued)

Sample Tag: FB-1-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:12, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	0.93	1	0.13	ug/L	1	67-66-3	J
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	Not detected	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85190.05 (continued)
Sample Tag: FB-1-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:12, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85190.06

Sample Tag: EB-1-20260317

Collected Date/Time: 03/17/2026 14:00

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	2.7	IR
3	40ml Glass	HCL	Yes	2.7	IR
1	125ml Plastic	HNO3	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/19/26 12:07	ACK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/17/26 17:10, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/17/26 17:35, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 14:43, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 14:45, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:36, Analyst: NDK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	



Analytical Laboratory Report

Lab Sample ID: S85190.06 (continued)

Sample Tag: EB-1-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:36, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	0.85	1	0.13	ug/L	1	67-66-3	J
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	Not detected	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85190.06 (continued)
Sample Tag: EB-1-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 16:36, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85190.07

Sample Tag: MW-104S-20260317

Collected Date/Time: 03/17/2026 14:55

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	2.7	IR
3	40ml Glass	HCL	Yes	2.7	IR
1	125ml Plastic	HNO3	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/19/26 12:07	ACK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/17/26 17:15, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/17/26 17:40, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 14:57, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	0.095	0.005	0.000750	mg/L	5	7440-47-3	
Copper	0.002254	0.005	0.000800	mg/L	5	7440-50-8	b
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 14:59, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	0.001426	0.005	0.000800	mg/L	5	7440-50-8	b
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 17:46, Analyst: NDK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	

b-Value detected less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85190.07 (continued)

Sample Tag: MW-104S-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 17:46, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	Not detected	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S85190.07 (continued)
Sample Tag: MW-104S-20260317

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/18/26 17:46, Analyst: NDK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	

Merit Laboratories Login Checklist

Lab Set ID:S85190

Client:APPLIED (Applied Ecosystems)

Project: RACER Flint West #12990

Submitted:03/17/2026 15:55 Login User: PFD

Attention: Rodney Abke

Address: Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525

FAX:

Email: rabke@appliedecosystems.com

Selection	Description	Note
Sample Receiving		
01.	☒ Yes ☐ No ☐ N/A	Samples are received at 4C +/- 2C Thermometer # IR 2.7
02.	☒ Yes ☐ No ☐ N/A	Received on ice/ cooling process begun
03.	☐ Yes ☒ No ☐ N/A	Samples shipped
04.	☐ Yes ☒ No ☐ N/A	Samples left in 24 hr. drop box
05.	☐ Yes ☐ No ☒ N/A	Are there custody seals/tape or is the drop box locked
Chain of Custody		
06.	☒ Yes ☐ No ☐ N/A	COC adequately filled out
07.	☒ Yes ☐ No ☐ N/A	COC signed and relinquished to the lab
08.	☒ Yes ☐ No ☐ N/A	Sample tag on bottles match COC
09.	☐ Yes ☒ No ☐ N/A	Subcontracting needed? Subcontacted to:
Preservation		
10.	☒ Yes ☐ No ☐ N/A	Do sample have correct chemical preservation
11.	☐ Yes ☐ No ☒ N/A	Completed pH checks on preserved samples? (no VOAs)
12.	☒ Yes ☐ No ☐ N/A	Did any samples need to be preserved in the lab? Dissolved Metals
Bottle Conditions		
13.	☒ Yes ☐ No ☐ N/A	All bottles intact
14.	☒ Yes ☐ No ☐ N/A	Appropriate analytical bottles are used
15.	☒ Yes ☐ No ☐ N/A	Merit bottles used
16.	☒ Yes ☐ No ☐ N/A	Sufficient sample volume received
17.	☒ Yes ☐ No ☐ N/A	Samples require laboratory filtration Dissolved Metals and Hexchrome
18.	☒ Yes ☐ No ☐ N/A	Samples submitted within holding time
19.	☐ Yes ☐ No ☒ N/A	Do water VOC, TOX, DO or Alkalinity bottles contain

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

Merit Laboratories Bottle Preservation Check

Lab Set ID: S85190 Submitted: 03/17/2026 15:55

Client: APPLIED (Applied Ecosystems)

Project: RACER Flint West #12990

Initial Preservation Check: 03/17/2026 16:06 PFD

Preservation Recheck (E200.8): N/A

Attention: Rodney Abke

Address: Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525

FAX:

Email: rabke@appliedecosystems.com

Sample ID	Bottle / Preservation	pH (Orig)	Add ml	pH (New)	Notes
S85190.01	125ml Plastic HNO3	<2			
S85190.02	125ml Plastic HNO3	<2			
S85190.03	125ml Plastic HNO3	<2			
S85190.04	125ml Plastic HNO3	<2			
S85190.05	125ml Plastic HNO3	<2			
S85190.06	125ml Plastic HNO3	<2			
S85190.07	125ml Plastic HNO3	<2			



2680 East Lansing Dr., East Lansing, MI 48823
Phone (517) 332-0167 Fax (517) 332-4034
www.meritlabs.com

C.O.C. PAGE # _____ OF _____

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME Rodney Abke			
COMPANY Applied EcoSystems			
ADDRESS G-4300 South Saginaw Street			
CITY Burton		STATE MI	ZIP CODE 48529
PHONE NO. 810-715-2525	FAX NO. 810-715-2526	P.O. NO. PO110793**	
E-MAIL ADDRESS rabke@appliedecosystems.com		QUOTE NO.	

CONTACT NAME Julie McMahan		☐ SAME	
COMPANY Revitalizing Auto Communities Environmental Response (RACER) Trust			
ADDRESS			
CITY		STATE	ZIP CODE
PHONE NO. 313.486.2908	E-MAIL ADDRESS jmcmanhan@racertrust.org		

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

PROJECT NO./NAME RACER Flint West #12990	SAMPLER(S) - PLEASE PRINT/SIGN NAME
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER	
DELIVERABLES REQUIRED ☐ STD ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☒ OTHER report to MDLs	

MATRIX CODE:	GW=GROUNDWATER	WW=WASTEWATER	S=SOIL	L=LIQUID	SD=SOLID	
	SL=SLUDGE	DW=DRINKING WATER	O=OIL	WP=WPIE	A=AIR	W=WASTE

Containers & Preservatives

MERIT LAB NO. FOR LAB USE ONLY	YEAR		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	PRESERVATIVES										VOCs	Metals	Metals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</
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RELINQUISHED BY: <i>Handwritten Name</i> AE	DATE 3/17	TIME
SIGNATURE/ORGANIZATION		
RECEIVED BY: <i>Handwritten Signature</i>	DATE 3/17	TIME 15:00
SIGNATURE/ORGANIZATION		
RELINQUISHED BY: <i>Handwritten Signature</i>	DATE 3/17	TIME 15:51
SIGNATURE/ORGANIZATION		
RECEIVED BY: <i>Handwritten Signature</i>	DATE 3/17	TIME 15:55
SIGNATURE/ORGANIZATION		

RELINQUISHED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
RECEIVED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
NOTES:		TEMP. ON ARRIVAL 2.7

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE



Quality Control Report

Report ID: QC-S85190-01
Generated on 04/01/2026

Report to

Attention: Rodney Abke
Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525 FAX:

Report Produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S85190.01-S85190.07
Project: RACER Flint West #12990
Submitted Date/Time: 03/17/2026 15:55
Sampled by: Unknown
P.O. #: PO110793-TASK6

QC Report Sections

Cover Page (Page 1)
Analysis Summary (Pages 2-8)
Prep Batch Summary (Pages 9-11)
Surrogates per Lab Sample (Pages 12-18)
Surrogates per QC Sample (Pages 19-20)
Batch QC Results (Pages 21-33)

Report Flag Descriptions

*: QC result is outside of indicated control limits
W: Surrogate result not applicable due to sample dilution

I certify that this data package is in compliance with the terms and conditions of the program, and project, and contractual requirements both technically and for completeness. Release of the data contained in this hardcopy data package and its computer-readable data submitted has been authorized by the Quality Assurance Manager and his/her designee, as verified by the following signature.

Barbara Ball
Quality Assurance Manager

QC Report - Analysis Summary

Lab Sample ID: S85190.01

Sample Tag: MW-112S-20260317

Collected Date/Time: 03/17/2026 11:20

Matrix: Water

COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/17/26 16:45	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/17/26 16:45	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 14:31	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 14:31	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 14:31	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 14:31	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 14:31	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 14:31	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:47	260318A11	VF260318W2	Yes	BLK/LCS/LCSD

QC Report - Analysis Summary

Lab Sample ID: S85190.02
Sample Tag: TripBlank-20260317
Collected Date/Time: 03/17/2026 12:01
Matrix: Water
COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:24	260318A11	VF260318W2	Yes	BLK/LCS/LCSD

QC Report - Analysis Summary

Lab Sample ID: S85190.03

Sample Tag: MW-107S-20260317

Collected Date/Time: 03/17/2026 12:34

Matrix: Water

COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/17/26 16:50	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/17/26 17:20	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 14:34	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 14:34	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 14:34	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 14:34	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 14:34	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 14:34	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:59	260318A7	VF260318W1	Yes	BLK/LCS/LCSD

QC Report - Analysis Summary

Lab Sample ID: S85190.04

Sample Tag: MW-100S-20260317

Collected Date/Time: 03/17/2026 13:38

Matrix: Water

COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/17/26 17:00	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/17/26 17:25	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 14:37	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 14:37	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 14:37	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 14:37	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 14:37	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 14:37	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 17:23	260318A7	VF260318W1	Yes	BLK/LCS/LCSD

QC Report - Analysis Summary

Lab Sample ID: S85190.05

Sample Tag: FB-1-20260317

Collected Date/Time: 03/17/2026 13:55

Matrix: Water

COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/17/26 17:05	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/17/26 17:30	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 14:40	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 14:40	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 14:40	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 14:40	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 14:40	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 14:40	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:12	260318A7	VF260318W1	Yes	BLK/LCS/LCSD

QC Report - Analysis Summary

Lab Sample ID: S85190.06

Sample Tag: EB-1-20260317

Collected Date/Time: 03/17/2026 14:00

Matrix: Water

COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/17/26 17:10	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/17/26 17:35	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 14:43	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 14:43	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 14:43	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 14:43	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 14:43	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 14:43	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:36	260318A7	VF260318W1	Yes	BLK/LCS/LCSD

QC Report - Analysis Summary

Lab Sample ID: S85190.07

Sample Tag: MW-104S-20260317

Collected Date/Time: 03/17/2026 14:55

Matrix: Water

COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/17/26 17:15	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/17/26 17:40	CHR260317-W1	CHR260317-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 14:57	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 14:57	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 14:57	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 14:57	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 14:57	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 14:57	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 17:46	260318A7	VF260318W1	Yes	BLK/LCS/LCSD

QC Report - Prep Batch Summary

Inorganics, Prep Batch ID: CHR260317-W1

Surrogates: No, QC Types: BLK/LCS/MS/DUP

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85190.01	Chromium VI, Dissolved	SM3500-Cr B	03/17/26 16:45	CHR260317-W1
S85190.01	Chromium VI	SM3500-Cr B	03/17/26 16:45	CHR260317-W1
S85190.03	Chromium VI, Dissolved	SM3500-Cr B	03/17/26 16:50	CHR260317-W1
S85190.03	Chromium VI	SM3500-Cr B	03/17/26 17:20	CHR260317-W1
S85190.04	Chromium VI, Dissolved	SM3500-Cr B	03/17/26 17:00	CHR260317-W1
S85190.04	Chromium VI	SM3500-Cr B	03/17/26 17:25	CHR260317-W1
S85190.05	Chromium VI, Dissolved	SM3500-Cr B	03/17/26 17:05	CHR260317-W1
S85190.05	Chromium VI	SM3500-Cr B	03/17/26 17:30	CHR260317-W1
S85190.06	Chromium VI, Dissolved	SM3500-Cr B	03/17/26 17:10	CHR260317-W1
S85190.06	Chromium VI	SM3500-Cr B	03/17/26 17:35	CHR260317-W1
S85190.07	Chromium VI, Dissolved	SM3500-Cr B	03/17/26 17:15	CHR260317-W1
S85190.07	Chromium VI	SM3500-Cr B	03/17/26 17:40	CHR260317-W1

Metals, Prep Batch ID: MTD-032326-3

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85190.01	Arsenic, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B
S85190.01	Arsenic	E200.8	03/23/26 14:31	MT4-26-0323B
S85190.01	Chromium, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B
S85190.01	Chromium	E200.8	03/23/26 14:31	MT4-26-0323B
S85190.01	Copper, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B
S85190.01	Copper	E200.8	03/23/26 14:31	MT4-26-0323B
S85190.01	Lead, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B
S85190.01	Lead	E200.8	03/23/26 14:31	MT4-26-0323B
S85190.01	Selenium, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B
S85190.01	Selenium	E200.8	03/23/26 14:31	MT4-26-0323B
S85190.01	Zinc, Dissolved	E200.8	03/23/26 14:32	MT4-26-0323B
S85190.01	Zinc	E200.8	03/23/26 14:31	MT4-26-0323B
S85190.03	Arsenic, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B
S85190.03	Arsenic	E200.8	03/23/26 14:34	MT4-26-0323B
S85190.03	Chromium, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B
S85190.03	Chromium	E200.8	03/23/26 14:34	MT4-26-0323B
S85190.03	Copper, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B
S85190.03	Copper	E200.8	03/23/26 14:34	MT4-26-0323B
S85190.03	Lead, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B
S85190.03	Lead	E200.8	03/23/26 14:34	MT4-26-0323B
S85190.03	Selenium, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B
S85190.03	Selenium	E200.8	03/23/26 14:34	MT4-26-0323B
S85190.03	Zinc, Dissolved	E200.8	03/23/26 14:35	MT4-26-0323B
S85190.03	Zinc	E200.8	03/23/26 14:34	MT4-26-0323B
S85190.04	Arsenic, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B
S85190.04	Arsenic	E200.8	03/23/26 14:37	MT4-26-0323B
S85190.04	Chromium, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B
S85190.04	Chromium	E200.8	03/23/26 14:37	MT4-26-0323B
S85190.04	Copper, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B
S85190.04	Copper	E200.8	03/23/26 14:37	MT4-26-0323B
S85190.04	Lead, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B
S85190.04	Lead	E200.8	03/23/26 14:37	MT4-26-0323B
S85190.04	Selenium, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B
S85190.04	Selenium	E200.8	03/23/26 14:37	MT4-26-0323B

QC Report - Prep Batch Summary

Metals, Prep Batch ID: MTD-032326-3 (continued)

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85190.04	Zinc, Dissolved	E200.8	03/23/26 14:39	MT4-26-0323B
S85190.04	Zinc	E200.8	03/23/26 14:37	MT4-26-0323B
S85190.05	Arsenic, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B
S85190.05	Arsenic	E200.8	03/23/26 14:40	MT4-26-0323B
S85190.05	Chromium, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B
S85190.05	Chromium	E200.8	03/23/26 14:40	MT4-26-0323B
S85190.05	Copper, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B
S85190.05	Copper	E200.8	03/23/26 14:40	MT4-26-0323B
S85190.05	Lead, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B
S85190.05	Lead	E200.8	03/23/26 14:40	MT4-26-0323B
S85190.05	Selenium, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B
S85190.05	Selenium	E200.8	03/23/26 14:40	MT4-26-0323B
S85190.05	Zinc, Dissolved	E200.8	03/23/26 14:42	MT4-26-0323B
S85190.05	Zinc	E200.8	03/23/26 14:40	MT4-26-0323B
S85190.06	Arsenic, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B
S85190.06	Arsenic	E200.8	03/23/26 14:43	MT4-26-0323B
S85190.06	Chromium, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B
S85190.06	Chromium	E200.8	03/23/26 14:43	MT4-26-0323B
S85190.06	Copper, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B
S85190.06	Copper	E200.8	03/23/26 14:43	MT4-26-0323B
S85190.06	Lead, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B
S85190.06	Lead	E200.8	03/23/26 14:43	MT4-26-0323B
S85190.06	Selenium, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B
S85190.06	Selenium	E200.8	03/23/26 14:43	MT4-26-0323B
S85190.06	Zinc, Dissolved	E200.8	03/23/26 14:45	MT4-26-0323B
S85190.06	Zinc	E200.8	03/23/26 14:43	MT4-26-0323B
S85190.07	Arsenic, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B
S85190.07	Arsenic	E200.8	03/23/26 14:57	MT4-26-0323B
S85190.07	Chromium, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B
S85190.07	Chromium	E200.8	03/23/26 14:57	MT4-26-0323B
S85190.07	Copper, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B
S85190.07	Copper	E200.8	03/23/26 14:57	MT4-26-0323B
S85190.07	Lead, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B
S85190.07	Lead	E200.8	03/23/26 14:57	MT4-26-0323B
S85190.07	Selenium, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B
S85190.07	Selenium	E200.8	03/23/26 14:57	MT4-26-0323B
S85190.07	Zinc, Dissolved	E200.8	03/23/26 14:59	MT4-26-0323B
S85190.07	Zinc	E200.8	03/23/26 14:57	MT4-26-0323B

Organics - Volatiles, Prep Batch ID: VF260318W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85190.03	Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:59	260318A7
S85190.04	Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 17:23	260318A7
S85190.05	Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:12	260318A7
S85190.06	Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:36	260318A7
S85190.07	Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 17:46	260318A7

QC Report - Prep Batch Summary

Organics - Volatiles, Prep Batch ID: VF260318W2

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85190.01	Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:47	260318A11
S85190.02	Volatile Organics - DEQ List	SW5030C/8260C	03/18/26 16:24	260318A11

QC Report - Surrogates per Lab Sample

Lab Sample ID: **S85190.01**

Sample Tag: MW-112S-20260317

Collected Date/Time: 03/17/2026 11:20

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260318A11, Run Date: 03/18/2026 16:47, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		100.0	80.0	124.0
1,2-Dichloroethane-D4		98.8	72.0	125.0
Toluene-D8		100.1	89.0	112.0

QC Report - Surrogates per Lab Sample

Lab Sample ID: **S85190.02**

Sample Tag: TripBlank-20260317

Collected Date/Time: 03/17/2026 12:01

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260318A11, Run Date: 03/18/2026 16:24, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		98.2	80.0	124.0
1,2-Dichloroethane-D4		99.9	72.0	125.0
Toluene-D8		99.9	89.0	112.0

Lab Sample ID: S85190.03

Sample Tag: MW-107S-20260317

Collected Date/Time: 03/17/2026 12:34

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260318A7, Run Date: 03/18/2026 16:59, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		89.2	80.0	124.0
1,2-Dichloroethane-D4		84.7	72.0	125.0
Toluene-D8		92.6	89.0	112.0

Lab Sample ID: S85190.04

Sample Tag: MW-100S-20260317

Collected Date/Time: 03/17/2026 13:38

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260318A7, Run Date: 03/18/2026 17:23, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		88.9	80.0	124.0
1,2-Dichloroethane-D4		86.4	72.0	125.0
Toluene-D8		92.2	89.0	112.0

Lab Sample ID: S85190.05

Sample Tag: FB-1-20260317

Collected Date/Time: 03/17/2026 13:55

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260318A7, Run Date: 03/18/2026 16:12, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		90.4	80.0	124.0
1,2-Dichloroethane-D4		83.3	72.0	125.0
Toluene-D8		91.4	89.0	112.0

Lab Sample ID: S85190.06

Sample Tag: EB-1-20260317

Collected Date/Time: 03/17/2026 14:00

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260318A7, Run Date: 03/18/2026 16:36, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		88.6	80.0	124.0
1,2-Dichloroethane-D4		86.7	72.0	125.0
Toluene-D8		91.6	89.0	112.0

Lab Sample ID: S85190.07

Sample Tag: MW-104S-20260317

Collected Date/Time: 03/17/2026 14:55

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260318A7, Run Date: 03/18/2026 17:46, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		89.8	80.0	124.0
1,2-Dichloroethane-D4		88.5	72.0	125.0
Toluene-D8		92.8	89.0	112.0

QC Report - Surrogates per QC Sample

Organics - Volatiles, Prep Batch ID: VF260318W1

QC Types: BLK/LCS/LCSD

Blank (BLK)

Lab Sample ID: 260318A7.BLKW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 15:24, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		89.1	80.0	124.0
1,2-Dichloroethane-D4		82.1	72.0	125.0
Toluene-D8		92.7	89.0	112.0

Laboratory Control Sample (LCS)

Lab Sample ID: 260318A7.LCSW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 13:49, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		88.8	80.0	124.0
1,2-Dichloroethane-D4		87.9	72.0	125.0
Toluene-D8		94.0	89.0	112.0

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: 260318A7.LCSDW18A, Parent Sample ID: 260318A7.LCSW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 14:13, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		86.7	80.0	124.0
1,2-Dichloroethane-D4		85.6	72.0	125.0
Toluene-D8		93.2	89.0	112.0

QC Report - Surrogates per QC Sample

Organics - Volatiles, Prep Batch ID: VF260318W2

QC Types: BLK/LCS/LCSD

Blank (BLK)

Lab Sample ID: 260318A11.BLKW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 14:49, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		98.2	80.0	124.0
1,2-Dichloroethane-D4		91.7	72.0	125.0
Toluene-D8		99.1	89.0	112.0

Blank (BLK)

Lab Sample ID: 260318B11.BLKW18A

Run in Batch: 260318B11, Run Date: 03/18/2026 14:49, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
Toluene-D8		98.8	86.0	118.0

Laboratory Control Sample (LCS)

Lab Sample ID: 260318A11.LCSW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 12:51, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		100.6	80.0	124.0
1,2-Dichloroethane-D4		93.5	72.0	125.0
Toluene-D8		98.9	89.0	112.0

Laboratory Control Sample (LCS)

Lab Sample ID: 260318B11.LCSG18A

Run in Batch: 260318B11, Run Date: 03/18/2026 14:02, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
Toluene-D8		99.5	86.0	118.0

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: 260318A11.LCSDW18A, Parent Sample ID: 260318A11.LCSW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 13:15, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		100.5	80.0	124.0
1,2-Dichloroethane-D4		93.5	72.0	125.0
Toluene-D8		99.1	89.0	112.0

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: 260318B11.LCSDG18A, Parent Sample ID: 260318B11.LCSG18A

Run in Batch: 260318B11, Run Date: 03/18/2026 14:26, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
Toluene-D8		99.7	86.0	118.0

QC Report - Batch QC Results

Inorganics, Prep Batch ID: CHR260317-W1

Surrogates: No, QC Types: BLK/LCS/MS/DUP

Blank (BLK)

Lab Sample ID: CHR260317-W1.LRB1

Run in Batch: CHR260317-W1, Run Date: 03/17/2026 16:15, Prep Date: 03/17/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Chromium VI		ND	0.01	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: CHR260317-W1.LCS1

Run in Batch: CHR260317-W1, Run Date: 03/17/2026 16:30, Prep Date: 03/17/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Chromium VI		108	90	110

Matrix Spike (MS)

Lab Sample ID: CHR260317-W1.MS1, Parent Sample ID: S85190.03

Run in Batch: CHR260317-W1, Run Date: 03/17/2026 16:55, Prep Date: 03/17/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Chromium VI		106	80	120

Duplicate (DUP)

Lab Sample ID: CHR260317-W1.DP1, Parent Sample ID: S85183.01

Run in Batch: CHR260317-W1, Run Date: 03/17/2026 16:40, Prep Date: 03/17/2026, Matrix: Liquid, Dilution: 50

Analyte	Flags	RPD	RPD CL
Chromium VI		6	15

QC Report - Batch QC Results

Metals, Prep Batch ID: MTD-032326-3

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Blank (BLK)

Lab Sample ID: MT4-26-0323B.019.LRB

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 14:28, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Arsenic		ND	0.0004	mg/L
Chromium		ND	0.001	mg/L
Copper		ND	0.001	mg/L
Lead		ND	0.0006	mg/L
Selenium		ND	0.001	mg/L
Zinc		ND	0.001	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: MT4-26-0323B.018.LCS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 14:26, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Arsenic		98	85	115
Chromium		97	85	115
Copper		95	85	115
Lead		102	85	115
Selenium		102	85	115
Zinc		96	85	115

Matrix Spike (MS)

Lab Sample ID: MT4-26-0323B.031.MS, Parent Sample ID: S85190.06

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 14:48, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL
Chromium		96	75	125
Copper		95	75	125
Zinc		91	75	125

Matrix Spike (MS)

Lab Sample ID: MT4-26-0323B.052.MS, Parent Sample ID: S85245.04

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:21, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL
Chromium		97	75	125
Copper		91	75	125
Zinc		91	75	125

Matrix Spike Duplicate (MSD)

Lab Sample ID: MT4-26-0323B.032.MSD, Parent Sample ID: MT4-26-0323B.031.MS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 14:49, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Chromium		96	75	125	0	20
Copper		93	75	125	2	20
Zinc		91	75	125	0	20

QC Report - Batch QC Results

Metals, Prep Batch ID: MTD-032326-3 (continued)

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Matrix Spike Duplicate (MSD)

Lab Sample ID: MT4-26-0323B.053.MSD, Parent Sample ID: MT4-26-0323B.052.MS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:22, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Chromium		98	75	125	1	20
Copper		93	75	125	2	20
Zinc		91	75	125	0	20

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260318W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Blank (BLK)

Lab Sample ID: 260318A7.BLKW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 15:24, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Diethyl ether		ND	1.00	ug/l
Acetone		ND	10.00	ug/l
Methyl iodide		ND	1.00	ug/l
Carbon disulfide		ND	1.00	ug/l
tert-Methyl butyl ether (MTBE)		ND	1.00	ug/l
Acrylonitrile		ND	1.00	ug/l
2-Butanone (MEK)		ND	10.00	ug/l
Dichlorodifluoromethane		ND	1.00	ug/l
Chloromethane		ND	1.00	ug/l
Vinyl chloride		ND	1.00	ug/l
Bromomethane		ND	1.00	ug/l
Chloroethane		ND	1.00	ug/l
Trichlorofluoromethane		ND	1.00	ug/l
1,1-Dichloroethene		ND	1.00	ug/l
Methylene chloride		ND	1.00	ug/l
trans-1,2-Dichloroethene		ND	1.00	ug/l
1,1-Dichloroethane		ND	1.00	ug/l
cis-1,2-Dichloroethene		ND	1.00	ug/l
Tetrahydrofuran		ND	10.00	ug/l
Chloroform		ND	1.00	ug/l
Bromochloromethane		ND	1.00	ug/l
1,1,1-Trichloroethane		ND	1.00	ug/l
4-Methyl-2-pentanone (MIBK)		ND	10.00	ug/l
2-Hexanone		ND	10.00	ug/l
Carbon tetrachloride		ND	1.00	ug/l
Benzene		ND	1.00	ug/l
1,2-Dichloroethane		ND	1.00	ug/l
Trichloroethene		ND	1.00	ug/l
1,2-Dichloropropane		ND	1.00	ug/l
Bromodichloromethane		ND	1.00	ug/l
Dibromomethane		ND	1.00	ug/l
cis-1,3-Dichloropropene		ND	1.00	ug/l
Toluene		ND	1.00	ug/l
trans-1,3-Dichloropropene		ND	1.00	ug/l
1,1,2-Trichloroethane		ND	1.00	ug/l
Tetrachloroethene		ND	1.00	ug/l
trans-1,4-Dichloro-2-butene		ND	1.00	ug/l
Dibromochloromethane		ND	1.00	ug/l
1,2-Dibromoethane		ND	1.00	ug/l
Chlorobenzene		ND	1.00	ug/l
1,1,1,2-Tetrachloroethane		ND	1.00	ug/l
Ethylbenzene		ND	1.00	ug/l
p,m-Xylene		ND	2.00	ug/l
o-Xylene		ND	1.00	ug/l
Styrene		ND	1.00	ug/l
Isopropylbenzene		ND	1.00	ug/l

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260318W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Blank (BLK) (continued)

Lab Sample ID: 260318A7.BLKW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 15:24, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Bromoform		ND	1.00	ug/l
1,1,2,2-Tetrachloroethane		ND	1.00	ug/l
1,2,3-Trichloropropane		ND	1.00	ug/l
n-Propylbenzene		ND	1.00	ug/l
Bromobenzene		ND	1.00	ug/l
1,3,5-Trimethylbenzene		ND	1.00	ug/l
tert-Butylbenzene		ND	1.00	ug/l
1,2,4-Trimethylbenzene		ND	1.00	ug/l
sec-Butylbenzene		ND	1.00	ug/l
p-Isopropyltoluene		ND	1.00	ug/l
1,3-Dichlorobenzene		ND	1.00	ug/l
1,4-Dichlorobenzene		ND	1.00	ug/l
1,2-Dichlorobenzene		ND	1.00	ug/l
1,2,3-Trimethylbenzene		ND	1.00	ug/l
n-Butylbenzene		ND	1.00	ug/l
Hexachloroethane		ND	1.00	ug/l
1,2-Dibromo-3-chloropropane		ND	1.00	ug/l
1,2,4-Trichlorobenzene		ND	1.00	ug/l
1,2,3-Trichlorobenzene		ND	1.00	ug/l
Naphthalene		ND	1.00	ug/l
2-Methylnaphthalene		ND	1.00	ug/l

Laboratory Control Sample (LCS)

Lab Sample ID: 260318A7.LCSW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 13:49, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Diethyl ether		97.2	67.4	121.2
Acetone		93.0	29.9	161.5
Methyl iodide		88.6	68.8	116.4
Carbon disulfide		111.7	63.8	137.4
tert-Methyl butyl ether (MTBE)		82.8	73.2	122.4
Acrylonitrile		101.2	69.9	128.9
2-Butanone (MEK)		94.4	44.0	134.4
Dichlorodifluoromethane		98.3	10.0	222.8
Chloromethane		104.8	23.8	166.5
Vinyl chloride		102.0	43.5	149.1
Bromomethane		87.7	56.8	151.3
Chloroethane		108.9	53.4	149.4
Trichlorofluoromethane		92.7	59.7	151.8
1,1-Dichloroethene		92.4	69.6	139.4
Methylene chloride		92.1	73.3	121.1
trans-1,2-Dichloroethene		92.7	73.6	129.3
1,1-Dichloroethane		92.9	71.5	126.2
cis-1,2-Dichloroethene		88.3	76.6	122.1
Tetrahydrofuran		97.0	59.0	117.9
Chloroform		88.1	78.4	124.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260318W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: 260318A7.LCSW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 13:49, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Bromochloromethane		88.6	78.2	120.8
1,1,1-Trichloroethane		80.0	79.4	130.9
4-Methyl-2-pentanone (MIBK)		95.2	71.6	125.2
2-Hexanone		97.5	55.4	136.9
Carbon tetrachloride		83.5	72.6	133.0
Benzene		97.3	79.9	124.9
1,2-Dichloroethane		93.1	76.0	126.3
Trichloroethene		92.0	79.7	124.2
1,2-Dichloropropane		101.6	78.6	126.4
Bromodichloromethane		92.1	80.4	128.2
Dibromomethane		91.6	76.9	122.1
cis-1,3-Dichloropropene		91.3	79.8	129.9
Toluene		95.0	79.8	124.5
trans-1,3-Dichloropropene		89.5	74.0	131.3
1,1,2-Trichloroethane		99.1	78.7	123.1
Tetrachloroethene		90.6	74.5	124.5
trans-1,4-Dichloro-2-butene		92.2	68.6	135.4
Dibromochloromethane		89.1	74.6	127.2
1,2-Dibromoethane		93.9	70.3	133.7
Chlorobenzene		93.7	79.2	122.7
1,1,1,2-Tetrachloroethane		86.6	80.3	128.2
Ethylbenzene		94.6	79.5	129.1
p,m-Xylene		94.0	79.4	132.2
o-Xylene		91.4	80.2	131.0
Styrene		95.5	69.5	126.7
Isopropylbenzene		90.2	74.4	121.5
Bromoform		84.1	69.4	128.0
1,1,2,2-Tetrachloroethane		95.5	79.8	126.3
1,2,3-Trichloropropane		94.0	78.3	138.8
n-Propylbenzene		91.4	82.0	130.7
Bromobenzene		90.8	78.7	124.6
1,3,5-Trimethylbenzene		89.1	81.3	128.9
tert-Butylbenzene		85.2	80.7	128.9
1,2,4-Trimethylbenzene		88.7	81.4	130.8
sec-Butylbenzene		91.8	77.4	129.8
p-Isopropyltoluene		92.0	79.8	137.5
1,3-Dichlorobenzene		92.6	77.0	131.3
1,4-Dichlorobenzene		92.9	20.7	137.7
1,2-Dichlorobenzene		90.8	10.0	166.2
1,2,3-Trimethylbenzene		94.0	76.3	124.2
n-Butylbenzene		94.5	80.0	133.3
Hexachloroethane		79.2	23.8	138.1
1,2-Dibromo-3-chloropropane		86.5	21.2	189.4
1,2,4-Trichlorobenzene		90.8	27.4	143.4
1,2,3-Trichlorobenzene		91.9	75.4	131.4
Naphthalene		92.0	32.9	135.8

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260318W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: 260318A7.LCSW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 13:49, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
2-Methylnaphthalene		95.2	25.5	165.5

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: 260318A7.LCSDW18A, Parent Sample ID: 260318A7.LCSW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 14:13, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Diethyl ether		97.2	67.4	121.2	0.1	30.0
Acetone		97.8	29.9	161.5	5.0	30.0
Methyl iodide		86.3	68.8	116.4	2.5	30.0
Carbon disulfide		107.3	63.8	137.4	4.0	30.0
tert-Methyl butyl ether (MTBE)		84.0	73.2	122.4	1.4	30.0
Acrylonitrile		103.6	69.9	128.9	2.3	30.0
2-Butanone (MEK)		98.0	44.0	134.4	3.7	30.0
Dichlorodifluoromethane		93.3	10.0	222.8	5.2	30.0
Chloromethane		100.6	23.8	166.5	4.1	30.0
Vinyl chloride		97.1	43.5	149.1	5.0	30.0
Bromomethane		87.3	56.8	151.3	0.4	30.0
Chloroethane		102.0	53.4	149.4	6.6	30.0
Trichlorofluoromethane		79.9	59.7	151.8	14.9	30.0
1,1-Dichloroethene		89.0	69.6	139.4	3.7	30.0
Methylene chloride		90.9	73.3	121.1	1.2	30.0
trans-1,2-Dichloroethene		89.8	73.6	129.3	3.2	30.0
1,1-Dichloroethane		91.6	71.5	126.2	1.4	30.0
cis-1,2-Dichloroethene		86.8	76.6	122.1	1.7	30.0
Tetrahydrofuran		102.9	59.0	117.9	5.8	30.0
Chloroform		87.3	78.4	124.0	1.0	30.0
Bromochloromethane		87.8	78.2	120.8	0.9	30.0
1,1,1-Trichloroethane	*	78.1	79.4	130.9	2.4	30.0
4-Methyl-2-pentanone (MIBK)		102.7	71.6	125.2	7.6	30.0
2-Hexanone		103.8	55.4	136.9	6.3	30.0
Carbon tetrachloride		82.3	72.6	133.0	1.4	30.0
Benzene		97.0	79.9	124.9	0.3	30.0
1,2-Dichloroethane		93.4	76.0	126.3	0.4	30.0
Trichloroethene		91.5	79.7	124.2	0.6	30.0
1,2-Dichloropropane		101.8	78.6	126.4	0.1	30.0
Bromodichloromethane		92.2	80.4	128.2	0.1	30.0
Dibromomethane		93.1	76.9	122.1	1.6	30.0
cis-1,3-Dichloropropene		92.9	79.8	129.9	1.7	30.0
Toluene		95.0	79.8	124.5	0.1	30.0
trans-1,3-Dichloropropene		91.5	74.0	131.3	2.2	30.0
1,1,2-Trichloroethane		101.0	78.7	123.1	1.9	30.0
Tetrachloroethene		88.8	74.5	124.5	2.1	30.0
trans-1,4-Dichloro-2-butene		97.1	68.6	135.4	5.2	30.0
Dibromochloromethane		92.0	74.6	127.2	3.2	30.0
1,2-Dibromoethane		97.6	70.3	133.7	3.9	30.0
Chlorobenzene		94.0	79.2	122.7	0.3	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260318W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Laboratory Control Sample Duplicate (LCSD) (continued)

Lab Sample ID: 260318A7.LCSDW18A, Parent Sample ID: 260318A7.LCSW18A

Run in Batch: 260318A7, Run Date: 03/18/2026 14:13, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
1,1,1,2-Tetrachloroethane		87.9	80.3	128.2	1.6	30.0
Ethylbenzene		95.2	79.5	129.1	0.5	30.0
p,m-Xylene		94.8	79.4	132.2	0.8	30.0
o-Xylene		92.9	80.2	131.0	1.6	30.0
Styrene		97.5	69.5	126.7	2.1	30.0
Isopropylbenzene		90.3	74.4	121.5	0.1	30.0
Bromoform		88.0	69.4	128.0	4.6	30.0
1,1,2,2-Tetrachloroethane		101.4	79.8	126.3	5.9	30.0
1,2,3-Trichloropropane		100.1	78.3	138.8	6.3	30.0
n-Propylbenzene		91.7	82.0	130.7	0.3	30.0
Bromobenzene		92.0	78.7	124.6	1.3	30.0
1,3,5-Trimethylbenzene		90.1	81.3	128.9	1.1	30.0
tert-Butylbenzene		86.4	80.7	128.9	1.4	30.0
1,2,4-Trimethylbenzene		89.7	81.4	130.8	1.1	30.0
sec-Butylbenzene		94.4	77.4	129.8	2.7	30.0
p-Isopropyltoluene		94.8	79.8	137.5	3.0	30.0
1,3-Dichlorobenzene		96.3	77.0	131.3	3.9	30.0
1,4-Dichlorobenzene		97.5	20.7	137.7	4.8	30.0
1,2-Dichlorobenzene		95.7	10.0	166.2	5.2	30.0
1,2,3-Trimethylbenzene		97.6	76.3	124.2	3.7	30.0
n-Butylbenzene		96.3	80.0	133.3	1.9	30.0
Hexachloroethane		82.3	23.8	138.1	3.9	30.0
1,2-Dibromo-3-chloropropane		97.5	21.2	189.4	12.0	30.0
1,2,4-Trichlorobenzene		93.9	27.4	143.4	3.4	30.0
1,2,3-Trichlorobenzene		96.4	75.4	131.4	4.8	30.0
Naphthalene		99.9	32.9	135.8	8.3	30.0
2-Methylnaphthalene		103.6	25.5	165.5	8.4	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260318W2

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Blank (BLK)

Lab Sample ID: 260318A11.BLKW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 14:49, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Diethyl ether		ND	1.00	ug/l
Acetone		ND	10.00	ug/l
Methyl iodide		ND	1.00	ug/l
Carbon disulfide		ND	1.00	ug/l
tert-Methyl butyl ether (MTBE)		ND	1.00	ug/l
Acrylonitrile		ND	1.00	ug/l
2-Butanone (MEK)		ND	10.00	ug/l
Dichlorodifluoromethane		ND	1.00	ug/l
Chloromethane		ND	1.00	ug/l
Vinyl chloride		ND	1.00	ug/l
Bromomethane		ND	1.00	ug/l
Chloroethane		ND	1.00	ug/l
Trichlorofluoromethane		ND	1.00	ug/l
1,1-Dichloroethene		ND	1.00	ug/l
Methylene chloride		ND	1.00	ug/l
trans-1,2-Dichloroethene		ND	1.00	ug/l
1,1-Dichloroethane		ND	1.00	ug/l
cis-1,2-Dichloroethene		ND	1.00	ug/l
Tetrahydrofuran		ND	10.00	ug/l
Chloroform		ND	1.00	ug/l
Bromochloromethane		ND	1.00	ug/l
1,1,1-Trichloroethane		ND	1.00	ug/l
4-Methyl-2-pentanone (MIBK)		ND	10.00	ug/l
2-Hexanone		ND	10.00	ug/l
Carbon tetrachloride		ND	1.00	ug/l
Benzene		ND	1.00	ug/l
1,2-Dichloroethane		ND	1.00	ug/l
Trichloroethene		ND	1.00	ug/l
1,2-Dichloropropane		ND	1.00	ug/l
Bromodichloromethane		ND	1.00	ug/l
Dibromomethane		ND	1.00	ug/l
cis-1,3-Dichloropropene		ND	1.00	ug/l
Toluene		ND	1.00	ug/l
trans-1,3-Dichloropropene		ND	1.00	ug/l
1,1,2-Trichloroethane		ND	1.00	ug/l
Tetrachloroethene		ND	1.00	ug/l
trans-1,4-Dichloro-2-butene		ND	1.00	ug/l
Dibromochloromethane		ND	1.00	ug/l
1,2-Dibromoethane		ND	1.00	ug/l
Chlorobenzene		ND	1.00	ug/l
1,1,1,2-Tetrachloroethane		ND	1.00	ug/l
Ethylbenzene		ND	1.00	ug/l
p,m-Xylene		ND	2.00	ug/l
o-Xylene		ND	1.00	ug/l
Styrene		ND	1.00	ug/l
Isopropylbenzene		ND	1.00	ug/l

Organics - Volatiles, Prep Batch ID: VF260318W2 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Blank (BLK) (continued)

Lab Sample ID: 260318A11.BLKW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 14:49, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Bromoform		ND	1.00	ug/l
1,1,2,2-Tetrachloroethane		ND	1.00	ug/l
1,2,3-Trichloropropane		ND	1.00	ug/l
n-Propylbenzene		ND	1.00	ug/l
Bromobenzene		ND	1.00	ug/l
1,3,5-Trimethylbenzene		ND	1.00	ug/l
tert-Butylbenzene		ND	1.00	ug/l
1,2,4-Trimethylbenzene		ND	1.00	ug/l
sec-Butylbenzene		ND	1.00	ug/l
p-Isopropyltoluene		ND	1.00	ug/l
1,3-Dichlorobenzene		ND	1.00	ug/l
1,4-Dichlorobenzene		ND	1.00	ug/l
1,2-Dichlorobenzene		ND	1.00	ug/l
1,2,3-Trimethylbenzene		ND	1.00	ug/l
n-Butylbenzene		ND	1.00	ug/l
Hexachloroethane		ND	1.00	ug/l
1,2-Dibromo-3-chloropropane		ND	1.00	ug/l
1,2,4-Trichlorobenzene		ND	1.00	ug/l
1,2,3-Trichlorobenzene		ND	1.00	ug/l
Naphthalene		ND	1.00	ug/l
2-Methylnaphthalene		ND	1.00	ug/l

Laboratory Control Sample (LCS)

Lab Sample ID: 260318A11.LCSW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 12:51, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Diethyl ether		97.0	67.4	121.2
Acetone		68.9	29.9	161.5
Methyl iodide	*	117.4	68.8	116.4
Carbon disulfide		106.4	63.8	137.4
tert-Methyl butyl ether (MTBE)		96.6	73.2	122.4
Acrylonitrile		83.2	69.9	128.9
2-Butanone (MEK)		71.9	44.0	134.4
Dichlorodifluoromethane		105.4	10.0	222.8
Chloromethane		101.6	23.8	166.5
Vinyl chloride		98.1	43.5	149.1
Bromomethane		106.4	56.8	151.3
Chloroethane		94.3	53.4	149.4
Trichlorofluoromethane		99.3	59.7	151.8
1,1-Dichloroethene		101.0	69.6	139.4
Methylene chloride		99.0	73.3	121.1
trans-1,2-Dichloroethene		102.2	73.6	129.3
1,1-Dichloroethane		101.7	71.5	126.2
cis-1,2-Dichloroethene		103.4	76.6	122.1
Tetrahydrofuran		76.5	59.0	117.9
Chloroform		100.4	78.4	124.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260318W2 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: 260318A11.LCSW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 12:51, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Bromochloromethane		102.0	78.2	120.8
1,1,1-Trichloroethane		102.2	79.4	130.9
4-Methyl-2-pentanone (MIBK)		80.7	71.6	125.2
2-Hexanone		76.7	55.4	136.9
Carbon tetrachloride		108.0	72.6	133.0
Benzene		103.0	79.9	124.9
1,2-Dichloroethane		99.2	76.0	126.3
Trichloroethene		105.6	79.7	124.2
1,2-Dichloropropane		104.5	78.6	126.4
Bromodichloromethane		106.7	80.4	128.2
Dibromomethane		106.0	76.9	122.1
cis-1,3-Dichloropropene		111.6	79.8	129.9
Toluene		103.8	79.8	124.5
trans-1,3-Dichloropropene		112.7	74.0	131.3
1,1,2-Trichloroethane		101.6	78.7	123.1
Tetrachloroethene		107.8	74.5	124.5
trans-1,4-Dichloro-2-butene		109.8	68.6	135.4
Dibromochloromethane		107.9	74.6	127.2
1,2-Dibromoethane		104.1	70.3	133.7
Chlorobenzene		107.0	79.2	122.7
1,1,1,2-Tetrachloroethane		107.5	80.3	128.2
Ethylbenzene		105.1	79.5	129.1
p,m-Xylene		104.4	79.4	132.2
o-Xylene		101.3	80.2	131.0
Styrene		104.0	69.5	126.7
Isopropylbenzene		105.1	74.4	121.5
Bromoform		105.3	69.4	128.0
1,1,2,2-Tetrachloroethane		94.4	79.8	126.3
1,2,3-Trichloropropane		91.1	78.3	138.8
n-Propylbenzene		105.2	82.0	130.7
Bromobenzene		104.2	78.7	124.6
1,3,5-Trimethylbenzene		104.5	81.3	128.9
tert-Butylbenzene		101.9	80.7	128.9
1,2,4-Trimethylbenzene		103.1	81.4	130.8
sec-Butylbenzene		108.3	77.4	129.8
p-Isopropyltoluene		106.8	79.8	137.5
1,3-Dichlorobenzene		106.2	77.0	131.3
1,4-Dichlorobenzene		107.8	20.7	137.7
1,2-Dichlorobenzene		105.8	10.0	166.2
1,2,3-Trimethylbenzene		105.0	76.3	124.2
n-Butylbenzene		112.0	80.0	133.3
Hexachloroethane		116.1	23.8	138.1
1,2-Dibromo-3-chloropropane		90.4	21.2	189.4
1,2,4-Trichlorobenzene		112.3	27.4	143.4
1,2,3-Trichlorobenzene		110.1	75.4	131.4
Naphthalene		98.0	32.9	135.8

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260318W2 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: 260318A11.LCSW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 12:51, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
2-Methylnaphthalene		90.6	25.5	165.5

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: 260318A11.LCSDW18A, Parent Sample ID: 260318A11.LCSW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 13:15, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Diethyl ether		96.7	67.4	121.2	0.2	30.0
Acetone		82.6	29.9	161.5	18.1	30.0
Methyl iodide		107.1	68.8	116.4	9.2	30.0
Carbon disulfide		95.7	63.8	137.4	10.6	30.0
tert-Methyl butyl ether (MTBE)		98.2	73.2	122.4	1.7	30.0
Acrylonitrile		92.7	69.9	128.9	10.8	30.0
2-Butanone (MEK)		86.5	44.0	134.4	18.5	30.0
Dichlorodifluoromethane		97.1	10.0	222.8	8.2	30.0
Chloromethane		97.6	23.8	166.5	4.0	30.0
Vinyl chloride		90.2	43.5	149.1	8.4	30.0
Bromomethane		107.9	56.8	151.3	1.4	30.0
Chloroethane		90.2	53.4	149.4	4.5	30.0
Trichlorofluoromethane		92.7	59.7	151.8	6.9	30.0
1,1-Dichloroethene		94.1	69.6	139.4	7.1	30.0
Methylene chloride		95.6	73.3	121.1	3.4	30.0
trans-1,2-Dichloroethene		96.6	73.6	129.3	5.6	30.0
1,1-Dichloroethane		96.2	71.5	126.2	5.6	30.0
cis-1,2-Dichloroethene		97.3	76.6	122.1	6.1	30.0
Tetrahydrofuran		91.7	59.0	117.9	18.0	30.0
Chloroform		96.6	78.4	124.0	3.9	30.0
Bromochloromethane		99.4	78.2	120.8	2.6	30.0
1,1,1-Trichloroethane		96.4	79.4	130.9	5.8	30.0
4-Methyl-2-pentanone (MIBK)		95.3	71.6	125.2	16.6	30.0
2-Hexanone		95.0	55.4	136.9	21.2	30.0
Carbon tetrachloride		100.5	72.6	133.0	7.1	30.0
Benzene		98.4	79.9	124.9	4.5	30.0
1,2-Dichloroethane		96.0	76.0	126.3	3.2	30.0
Trichloroethene		97.7	79.7	124.2	7.7	30.0
1,2-Dichloropropane		99.9	78.6	126.4	4.5	30.0
Bromodichloromethane		102.4	80.4	128.2	4.1	30.0
Dibromomethane		104.1	76.9	122.1	1.8	30.0
cis-1,3-Dichloropropene		106.7	79.8	129.9	4.5	30.0
Toluene		98.7	79.8	124.5	5.0	30.0
trans-1,3-Dichloropropene		110.5	74.0	131.3	1.9	30.0
1,1,2-Trichloroethane		100.3	78.7	123.1	1.3	30.0
Tetrachloroethene		100.8	74.5	124.5	6.7	30.0
trans-1,4-Dichloro-2-butene		110.1	68.6	135.4	0.3	30.0
Dibromochloromethane		107.4	74.6	127.2	0.4	30.0
1,2-Dibromoethane		105.0	70.3	133.7	0.9	30.0
Chlorobenzene		102.6	79.2	122.7	4.2	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260318W2 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD

Laboratory Control Sample Duplicate (LCSD) (continued)

Lab Sample ID: 260318A11.LCSDW18A, Parent Sample ID: 260318A11.LCSW18A

Run in Batch: 260318A11, Run Date: 03/18/2026 13:15, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
1,1,1,2-Tetrachloroethane		103.7	80.3	128.2	3.6	30.0
Ethylbenzene		101.5	79.5	129.1	3.5	30.0
p,m-Xylene		99.7	79.4	132.2	4.6	30.0
o-Xylene		98.3	80.2	131.0	3.0	30.0
Styrene		100.3	69.5	126.7	3.7	30.0
Isopropylbenzene		100.2	74.4	121.5	4.7	30.0
Bromoform		107.6	69.4	128.0	2.2	30.0
1,1,2,2-Tetrachloroethane		99.9	79.8	126.3	5.7	30.0
1,2,3-Trichloropropane		97.1	78.3	138.8	6.4	30.0
n-Propylbenzene		101.5	82.0	130.7	3.7	30.0
Bromobenzene		103.1	78.7	124.6	1.0	30.0
1,3,5-Trimethylbenzene		101.7	81.3	128.9	2.7	30.0
tert-Butylbenzene		98.6	80.7	128.9	3.2	30.0
1,2,4-Trimethylbenzene		99.2	81.4	130.8	3.8	30.0
sec-Butylbenzene		102.0	77.4	129.8	6.0	30.0
p-Isopropyltoluene		101.9	79.8	137.5	4.7	30.0
1,3-Dichlorobenzene		102.2	77.0	131.3	3.8	30.0
1,4-Dichlorobenzene		103.8	20.7	137.7	3.8	30.0
1,2-Dichlorobenzene		103.2	10.0	166.2	2.5	30.0
1,2,3-Trimethylbenzene		101.8	76.3	124.2	3.1	30.0
n-Butylbenzene		106.2	80.0	133.3	5.4	30.0
Hexachloroethane		112.8	23.8	138.1	2.9	30.0
1,2-Dibromo-3-chloropropane		107.1	21.2	189.4	17.0	30.0
1,2,4-Trichlorobenzene		114.2	27.4	143.4	1.7	30.0
1,2,3-Trichlorobenzene		112.0	75.4	131.4	1.7	30.0
Naphthalene		110.1	32.9	135.8	11.6	30.0
2-Methylnaphthalene		105.4	25.5	165.5	15.1	30.0

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME				Rodney Abke			
COMPANY				Applied EcoSystems			
ADDRESS				G-4300 South Saginaw Street			
CITY			STATE		MI		ZIP CODE
Burton							48529
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810-715-2525		810-715-2526		PO110793**			
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rabke@appliedecosystems.com							

CONTACT NAME Julie McMahan		☐ SAME	
COMPANY Revitalizing Auto Communities Environmental Response (RACER) Trust			
ADDRESS			
CITY		STATE	ZIP CODE
PHONE NO. 313.486.2908		E-MAIL ADDRESS jmcMahon@racertrust.org	

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

PROJECT NO./NAME RACER Flint West #12990	SAMPLER(S) - PLEASE PRINT/SIGN NAME
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER _____	
DELIVERABLES REQUIRED ☐ STD ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☒ OTHER <u>report to MDLs</u>	

MATRIX	GW=GROUNDWATER	WW=WASTEWATER	S=SOIL	L=LIQUID	SD=SOLID
CODE:	SL=SLUDGE	DW=DRINKING WATER	O=OIL	WP=WIPE	A=AIR
					W=WASTE

MERIT LAB NO. FOR LAB USE ONLY	YEAR		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	PRESERVATIVES							VOCs	Metals	Metals					☐ Other _____ Special Instructions
	DATE	TIME				NONE	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	OTHER								
85/00.01	3/17	11:20	MW-125-20260317		5		X		X				X	X	X					* - Metals list includes:
.02	3/17	12:01	Trip Blank-20260317		5		X		X				X	X	X					As, Cr-total, CR-Hex, Cu
.03	3/17	12:34	M4-1075-20260317		5		X		X				X	X	X					Pb, Se, Zn
.04	3/17	13:58	MV-1005-20260317		5		X		X				X	X	X					
.05	3/17	13:58	FB-1-20260317		5		X		X				X	X	X					Samples for dissolved
.06	3/17	14:00	EB-1-20260317		5		X		X				X	X	X					metals analysis were not
.07	3/17	14:55	MW-1045-20260317		5		X		X				X	X	X					field filtered and require
																				laboratory filtering.
																				report down to MCLs
																				** - include Task 6 on bill

RELINQUISHED BY: <i>Handwritten Name</i> AE	PC Sampler	DATE 3/7 TIME
SIGNATURE/ORGANIZATION		
RECEIVED BY: <i>Handwritten Signature</i>		DATE 3/17 TIME 15:15
SIGNATURE/ORGANIZATION		
RELINQUISHED BY: <i>Handwritten Signature</i>		DATE 3/17 TIME 15:15
SIGNATURE/ORGANIZATION		
RECEIVED BY: <i>Handwritten Signature</i>		DATE 3/17 TIME 15:15
SIGNATURE/ORGANIZATION		

RELINQUISHED BY: SIGNATURE/ORGANIZATION			DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION			DATE	TIME
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES:	TEMP. ON ARRIVAL <u>2.7</u>
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS		

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 5.18.12



Analytical Laboratory Report

Report ID: S85192.01(01)
Generated on 04/01/2026

Report to
Attention: Rodney Abke
Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525 FAX:
Email: rabke@appliedecosystems.com

Report produced by
Merit Laboratories, Inc.
2680 East Lansing Drive
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Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary
Lab Sample ID(s): S85192.01-S85192.07
Project: RACER Flint West #12990
Collected Date(s): 03/17/2026
Submitted Date/Time: 03/17/2026 15:55
Sampled by: Unknown
P.O. #: PO110793-TASK37

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Maya Murshak
Technical Director

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Starred (*) analytes are not NY NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.

For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

There is no additional narrative for this analytical report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
o	Associated EIS outside of control limits
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
q	Qualifier ion ratio outside of control limits
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Analytical Laboratory Report

Method Summary

Method	Version
ASTMD7979-19M	ASTM Method D7979 - 19 Modified (Isotopic Dilution)

Parameter Summary

Parameter	Synonym	Cas #
PFBA	Perfluorobutanoic Acid	375-22-4
PFPeA	Perfluoropentanoic Acid	2706-90-3
4:2 FTSA	4:2 Fluorotelomer Sulfonic Acid	757124-72-4
PFHxA	Perfluorohexanoic Acid	307-24-4
PFBS	Perfluorobutane sulfonic Acid	375-73-5
PFHpA	Perfluoroheptanoic Acid	375-85-9
PFPeS	Perfluoropentane Sulfonic Acid	2706-91-4
6:2 FTSA	6:2 Fluorotelomer Sulfonic Acid	27619-97-2
PFOA	Perfluorooctanoic Acid	335-67-1
PFHxS	Perfluorohexane Sulfonic Acid	355-46-4
PFHxS-LN	Perfluorohexane Sulfonic Acid - LN	355-46-4-LN
PFHxS-BR	Perfluorohexane Sulfonic Acid - BR	355-46-4-BR
PFNA	Perfluorononanoic Acid	375-95-1
8:2 FTSA	8:2 Fluorotelomer Sulfonic Acid	39108-34-4
PFHpS	Perfluoroheptane Sulfonic Acid	375-92-8
PFDA	Perfluorodecanoic Acid	335-76-2
N-MeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	2355-31-9
EtFOSAA	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	2991-50-6
PFOS	Perfluorooctane Sulfonic Acid	1763-23-1
PFOS-LN	Perfluorooctane Sulfonic Acid - LN	1763-23-1-LN
PFOS-BR	Perfluorooctane Sulfonic Acid - BR	1763-23-1-BR
PFUnDA	Perfluoroundecanoic Acid	2058-94-8
PFNS	Perfluorononane Sulfonic Acid	68259-12-1
PFDoDA	Perfluorododecanoic Acid	307-55-1
PFDS	Perfluorodecane Sulfonic Acid	335-77-3
PFTTrDA	Perfluorotridecanoic Acid	72629-94-8
FOSA	Perfluorooctane Sulfonamide	754-91-6
PFTeDA	Perfluorotetradecanoic Acid	376-06-7
11Cl-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	763051-92-9
9Cl-PF3ONS	9-chlorohexadecafluoro-3-oxanone1-sulfonic acid	756426-58-1
ADONA	4,8-dioxa-3H-perfluorononanoic acid	919005-14-4
HFPO-DA	Hexafluoropropylene oxide dimer	13252-13-6



Analytical Laboratory Report

Sample Summary (7 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S85192.01	MW-12S-20260317	Water	03/17/26 11:20
S85192.02	Trip Blank-20260317	Water	03/17/26 12:01
S85192.03	MW-107S-20260317	Water	03/17/26 12:34
S85192.04	MW-100S-20260317	Water	03/17/26 13:38
S85192.05	FB-1-20260317	Water	03/17/26 13:58
S85192.06	EB-1-20260317	Water	03/17/26 14:00
S85192.07	MW-104S-20260317	Water	03/17/26 14:55



Analytical Laboratory Report

Lab Sample ID: S85192.01

Sample Tag: MW-12S-20260317

Collected Date/Time: 03/17/2026 11:20

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.81/6.48/11	ASTMD7979-19M	03/18/26 11:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep)	2.23/6.48/12	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 12:44, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	10	2.9	ng/L	2.09	375-22-4	
PFPeA*	Not detected	4.2	1.0	ng/L	2.09	2706-90-3	
4:2 FTSA*	Not detected	2.1	0.42	ng/L	2.09	757124-72-4	
PFHxA*	Not detected	2.1	0.73	ng/L	2.09	307-24-4	
PFBS*	2.1	2.1	0.86	ng/L	2.09	375-73-5	
PFHpA*	Not detected	2.1	0.79	ng/L	2.09	375-85-9	
PFPeS*	Not detected	2.1	0.38	ng/L	2.09	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.0	ng/L	2.09	27619-97-2	
PFOA*	1.2	2.1	0.75	ng/L	2.09	335-67-1	J
PFHxS*	Not detected	2.1	0.77	ng/L	2.09	355-46-4	
PFHxS-LN*	Not detected	2.1	0.77	ng/L	2.09	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	0.77	ng/L	2.09	355-46-4-BR	
PFNA*	Not detected	2.1	1.4	ng/L	2.09	375-95-1	
8:2 FTSA*	Not detected	2.1	2.0	ng/L	2.09	39108-34-4	
PFHpS*	Not detected	2.1	1.1	ng/L	2.09	375-92-8	
PFDA*	Not detected	2.1	1.1	ng/L	2.09	335-76-2	
N-MeFOSAA*	Not detected	2.1	0.56	ng/L	2.09	2355-31-9	
EtFOSAA*	Not detected	4.2	2.0	ng/L	2.09	2991-50-6	
PFOS*	11	2.1	1.6	ng/L	2.09	1763-23-1	
PFOS-LN*	5.2	2.1	1.6	ng/L	2.09	1763-23-1-LN	
PFOS-BR*	4.9	2.1	1.6	ng/L	2.09	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.77	ng/L	2.09	2058-94-8	
PFNS*	Not detected	2.1	0.73	ng/L	2.09	68259-12-1	
PFDODA*	Not detected	2.1	0.82	ng/L	2.09	307-55-1	
PFDS*	Not detected	2.1	1.3	ng/L	2.09	335-77-3	
PFTDA*	Not detected	2.1	1.0	ng/L	2.09	72629-94-8	
FOSA*	Not detected	2.1	1.0	ng/L	2.09	754-91-6	
PFTeDA*	Not detected	4.2	0.88	ng/L	2.09	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.09	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.50	ng/L	2.09	756426-58-1	
ADONA*	Not detected	2.1	0.54	ng/L	2.09	919005-14-4	
HFPO-DA*	Not detected	10	1.1	ng/L	2.09	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85192.02

Sample Tag: Trip Blank-20260317

Collected Date/Time: 03/17/2026 12:01

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.56/6.42/10	ASTMD7979-19M	03/18/26 11:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep1)	11.41/6.48/10	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 13:04, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	10	2.8	ng/L	2.03	375-22-4	
PFPeA*	Not detected	4.1	0.99	ng/L	2.03	2706-90-3	
4:2 FTSA*	Not detected	2.0	0.41	ng/L	2.03	757124-72-4	
PFHxA*	Not detected	2.0	0.71	ng/L	2.03	307-24-4	
PFBS*	Not detected	2.0	0.83	ng/L	2.03	375-73-5	
PFHpA*	Not detected	2.0	0.77	ng/L	2.03	375-85-9	
PFPeS*	Not detected	2.0	0.37	ng/L	2.03	2706-91-4	
6:2 FTSA*	Not detected	2.0	0.97	ng/L	2.03	27619-97-2	
PFOA*	Not detected	2.0	0.73	ng/L	2.03	335-67-1	
PFHxS*	Not detected	2.0	0.75	ng/L	2.03	355-46-4	
PFHxS-LN*	Not detected	2.0	0.75	ng/L	2.03	355-46-4-LN	
PFHxS-BR*	Not detected	2.0	0.75	ng/L	2.03	355-46-4-BR	
PFNA*	Not detected	2.0	1.3	ng/L	2.03	375-95-1	
8:2 FTSA*	Not detected	2.0	1.9	ng/L	2.03	39108-34-4	
PFHpS*	Not detected	2.0	1.1	ng/L	2.03	375-92-8	
PFDA*	Not detected	2.0	1.1	ng/L	2.03	335-76-2	
N-MeFOSAA*	Not detected	2.0	0.55	ng/L	2.03	2355-31-9	
EtFOSAA*	Not detected	4.1	1.9	ng/L	2.03	2991-50-6	
PFOS*	Not detected	2.0	1.6	ng/L	2.03	1763-23-1	
PFOS-LN*	Not detected	2.0	1.6	ng/L	2.03	1763-23-1-LN	
PFOS-BR*	Not detected	2.0	1.6	ng/L	2.03	1763-23-1-BR	
PFUnDA*	Not detected	2.0	0.75	ng/L	2.03	2058-94-8	
PFNS*	Not detected	2.0	0.71	ng/L	2.03	68259-12-1	
PFDODA*	Not detected	2.0	0.79	ng/L	2.03	307-55-1	
PFDS*	Not detected	2.0	1.3	ng/L	2.03	335-77-3	
PFTDA*	Not detected	2.0	0.97	ng/L	2.03	72629-94-8	
FOSA*	Not detected	2.0	0.99	ng/L	2.03	754-91-6	
PFTeDA*	Not detected	4.1	0.85	ng/L	2.03	376-06-7	
11Cl-PF3OUdS*	Not detected	2.0	0.99	ng/L	2.03	763051-92-9	
9Cl-PF3ONS*	Not detected	2.0	0.49	ng/L	2.03	756426-58-1	
ADONA*	Not detected	2.0	0.53	ng/L	2.03	919005-14-4	
HFPO-DA*	Not detected	10	1.1	ng/L	2.03	13252-13-6	



Analytical Laboratory Report

Lab Sample ID: S85192.03

Sample Tag: MW-107S-20260317

Collected Date/Time: 03/17/2026 12:34

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.91/6.48/11	ASTMD7979-19M	03/18/26 11:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep)	2.16/6.42/12	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 13:25, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	10	2.9	ng/L	2.09	375-22-4	
PFPeA*	Not detected	4.2	1.0	ng/L	2.09	2706-90-3	
4:2 FTSA*	Not detected	2.1	0.42	ng/L	2.09	757124-72-4	
PFHxA*	Not detected	2.1	0.73	ng/L	2.09	307-24-4	
PFBS*	1.9	2.1	0.86	ng/L	2.09	375-73-5	J
PFHpA*	Not detected	2.1	0.79	ng/L	2.09	375-85-9	
PFPeS*	Not detected	2.1	0.38	ng/L	2.09	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.0	ng/L	2.09	27619-97-2	
PFOA*	Not detected	2.1	0.75	ng/L	2.09	335-67-1	
PFHxS*	Not detected	2.1	0.77	ng/L	2.09	355-46-4	
PFHxS-LN*	Not detected	2.1	0.77	ng/L	2.09	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	0.77	ng/L	2.09	355-46-4-BR	
PFNA*	Not detected	2.1	1.4	ng/L	2.09	375-95-1	
8:2 FTSA*	Not detected	2.1	2.0	ng/L	2.09	39108-34-4	
PFHpS*	Not detected	2.1	1.1	ng/L	2.09	375-92-8	
PFDA*	Not detected	2.1	1.1	ng/L	2.09	335-76-2	
N-MeFOSAA*	Not detected	2.1	0.56	ng/L	2.09	2355-31-9	
EtFOSAA*	Not detected	4.2	2.0	ng/L	2.09	2991-50-6	
PFOS*	7.8	2.1	1.6	ng/L	2.09	1763-23-1	
PFOS-LN*	3.5	2.1	1.6	ng/L	2.09	1763-23-1-LN	
PFOS-BR*	3.2	2.1	1.6	ng/L	2.09	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.77	ng/L	2.09	2058-94-8	
PFNS*	Not detected	2.1	0.73	ng/L	2.09	68259-12-1	
PFDODA*	Not detected	2.1	0.82	ng/L	2.09	307-55-1	
PFDS*	Not detected	2.1	1.3	ng/L	2.09	335-77-3	
PFTTrDA*	Not detected	2.1	1.0	ng/L	2.09	72629-94-8	
FOSA*	Not detected	2.1	1.0	ng/L	2.09	754-91-6	
PFTeDA*	Not detected	4.2	0.88	ng/L	2.09	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.09	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.50	ng/L	2.09	756426-58-1	
ADONA*	Not detected	2.1	0.54	ng/L	2.09	919005-14-4	
HFPO-DA*	Not detected	10	1.1	ng/L	2.09	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85192.04
Sample Tag: MW-100S-20260317
Collected Date/Time: 03/17/2026 13:38
Matrix: Water
COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.60/6.48/11	ASTMD7979-19M	03/18/26 11:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep)	2.41/6.48/13	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 13:45, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	4.0	11	3.1	ng/L	2.19	375-22-4	J
PFPeA*	Not detected	4.4	1.1	ng/L	2.19	2706-90-3	
4:2 FTSA*	Not detected	2.2	0.44	ng/L	2.19	757124-72-4	
PFHxA*	Not detected	2.2	0.77	ng/L	2.19	307-24-4	
PFBS*	2.5	2.2	0.90	ng/L	2.19	375-73-5	
PFHpA*	Not detected	2.2	0.83	ng/L	2.19	375-85-9	
PFPeS*	Not detected	2.2	0.39	ng/L	2.19	2706-91-4	
6:2 FTSA*	Not detected	2.2	1.1	ng/L	2.19	27619-97-2	
PFOA*	Not detected	2.2	0.79	ng/L	2.19	335-67-1	
PFHxS*	Not detected	2.2	0.81	ng/L	2.19	355-46-4	
PFHxS-LN*	Not detected	2.2	0.81	ng/L	2.19	355-46-4-LN	
PFHxS-BR*	Not detected	2.2	0.81	ng/L	2.19	355-46-4-BR	
PFNA*	Not detected	2.2	1.4	ng/L	2.19	375-95-1	
8:2 FTSA*	Not detected	2.2	2.1	ng/L	2.19	39108-34-4	
PFHpS*	Not detected	2.2	1.2	ng/L	2.19	375-92-8	
PFDA*	Not detected	2.2	1.2	ng/L	2.19	335-76-2	
N-MeFOSAA*	Not detected	2.2	0.59	ng/L	2.19	2355-31-9	
EtFOSAA*	Not detected	4.4	2.1	ng/L	2.19	2991-50-6	
PFOS*	6.8	2.2	1.7	ng/L	2.19	1763-23-1	
PFOS-LN*	4.8	2.2	1.7	ng/L	2.19	1763-23-1-LN	
PFOS-BR*	Not detected	2.2	1.7	ng/L	2.19	1763-23-1-BR	
PFUnDA*	Not detected	2.2	0.81	ng/L	2.19	2058-94-8	
PFNS*	Not detected	2.2	0.77	ng/L	2.19	68259-12-1	
PfDoDA*	Not detected	2.2	0.85	ng/L	2.19	307-55-1	
PFDS*	Not detected	2.2	1.4	ng/L	2.19	335-77-3	
PFTTrDA*	Not detected	2.2	1.1	ng/L	2.19	72629-94-8	
FOSA*	Not detected	2.2	1.1	ng/L	2.19	754-91-6	
PFTeDA*	Not detected	4.4	0.92	ng/L	2.19	376-06-7	
11Cl-PF3OUdS*	Not detected	2.2	1.1	ng/L	2.19	763051-92-9	
9Cl-PF3ONS*	Not detected	2.2	0.53	ng/L	2.19	756426-58-1	
ADONA*	Not detected	2.2	0.57	ng/L	2.19	919005-14-4	
HFPO-DA*	Not detected	11	1.2	ng/L	2.19	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85192.05

Sample Tag: FB-1-20260317

Collected Date/Time: 03/17/2026 13:58

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	12.45/6.48/12	ASTMD7979-19M	03/18/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/18/26 15:56, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	10	2.6	ng/L	2.01	375-22-4	
PFPeA*	Not detected	4.0	0.68	ng/L	2.01	2706-90-3	
4:2 FTSA*	Not detected	2.0	1.8	ng/L	2.01	757124-72-4	
PFHxA*	3.6	2.0	0.74	ng/L	2.01	307-24-4	1
PFBS*	Not detected	2.0	0.68	ng/L	2.01	375-73-5	
PFHpA*	19	2.0	0.82	ng/L	2.01	375-85-9	1
PFPeS*	Not detected	2.0	0.86	ng/L	2.01	2706-91-4	
6:2 FTSA*	Not detected	2.0	1.5	ng/L	2.01	27619-97-2	
PFOA*	1.9	2.0	0.74	ng/L	2.01	335-67-1	J1
PFHxS*	Not detected	2.0	0.84	ng/L	2.01	355-46-4	
PFHxS-LN*	Not detected	2.0	0.84	ng/L	2.01	355-46-4-LN	
PFHxS-BR*	Not detected	2.0	0.84	ng/L	2.01	355-46-4-BR	
PFNA*	Not detected	2.0	1.1	ng/L	2.01	375-95-1	
8:2 FTSA*	Not detected	2.0	1.6	ng/L	2.01	39108-34-4	
PFHpS*	Not detected	2.0	1.2	ng/L	2.01	375-92-8	
PFDA*	Not detected	2.0	0.56	ng/L	2.01	335-76-2	
N-MeFOSAA*	Not detected	2.0	1.9	ng/L	2.01	2355-31-9	
EtFOSAA*	Not detected	4.0	1.1	ng/L	2.01	2991-50-6	
PFOS*	17	2.0	1.3	ng/L	2.01	1763-23-1	
PFOS-LN*	13	2.0	1.3	ng/L	2.01	1763-23-1-LN	
PFOS-BR*	3.0	2.0	1.3	ng/L	2.01	1763-23-1-BR	
PFUnDA*	Not detected	2.0	0.74	ng/L	2.01	2058-94-8	
PFNS*	Not detected	2.0	0.44	ng/L	2.01	68259-12-1	
PFDODA*	Not detected	2.0	0.48	ng/L	2.01	307-55-1	
PFDS*	Not detected	2.0	0.96	ng/L	2.01	335-77-3	
PFTTrDA*	Not detected	2.0	1.0	ng/L	2.01	72629-94-8	
FOSA*	Not detected	2.0	1.0	ng/L	2.01	754-91-6	
PFTeDA*	Not detected	4.0	0.78	ng/L	2.01	376-06-7	
11Cl-PF3OUdS*	Not detected	2.0	0.80	ng/L	2.01	763051-92-9	
9Cl-PF3ONS*	Not detected	2.0	0.86	ng/L	2.01	756426-58-1	
ADONA*	Not detected	2.0	0.54	ng/L	2.01	919005-14-4	
HFPO-DA*	Not detected	10	1.2	ng/L	2.01	13252-13-6	

1-laboratory contamination

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85192.06

Sample Tag: EB-1-20260317

Collected Date/Time: 03/17/2026 14:00

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	12/6.48/11	ASTMD7979-19M	03/18/26 11:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep)	2.62/6.48/13	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 14:05, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	11	3.0	ng/L	2.12	375-22-4	
PFPeA*	Not detected	4.2	1.0	ng/L	2.12	2706-90-3	
4:2 FTSA*	Not detected	2.1	0.42	ng/L	2.12	757124-72-4	
PFHxA*	Not detected	2.1	0.74	ng/L	2.12	307-24-4	
PFBS*	Not detected	2.1	0.87	ng/L	2.12	375-73-5	
PFHpA*	Not detected	2.1	0.81	ng/L	2.12	375-85-9	
PFPeS*	Not detected	2.1	0.38	ng/L	2.12	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.0	ng/L	2.12	27619-97-2	
PFOA*	Not detected	2.1	0.76	ng/L	2.12	335-67-1	
PFHxS*	Not detected	2.1	0.78	ng/L	2.12	355-46-4	
PFHxS-LN*	Not detected	2.1	0.78	ng/L	2.12	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	0.78	ng/L	2.12	355-46-4-BR	
PFNA*	Not detected	2.1	1.4	ng/L	2.12	375-95-1	
8:2 FTSA*	Not detected	2.1	2.0	ng/L	2.12	39108-34-4	
PFHpS*	Not detected	2.1	1.1	ng/L	2.12	375-92-8	
PFDA*	Not detected	2.1	1.1	ng/L	2.12	335-76-2	
N-MeFOSAA*	Not detected	2.1	0.57	ng/L	2.12	2355-31-9	
EtFOSAA*	Not detected	4.2	2.0	ng/L	2.12	2991-50-6	
PFOS*	Not detected	2.1	1.7	ng/L	2.12	1763-23-1	
PFOS-LN*	Not detected	2.1	1.7	ng/L	2.12	1763-23-1-LN	
PFOS-BR*	Not detected	2.1	1.7	ng/L	2.12	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.78	ng/L	2.12	2058-94-8	
PFNS*	Not detected	2.1	0.74	ng/L	2.12	68259-12-1	
PfDoDA*	Not detected	2.1	0.83	ng/L	2.12	307-55-1	
PFDS*	Not detected	2.1	1.3	ng/L	2.12	335-77-3	
PFTTrDA*	Not detected	2.1	1.0	ng/L	2.12	72629-94-8	
FOSA*	Not detected	2.1	1.0	ng/L	2.12	754-91-6	
PFTeDA*	Not detected	4.2	0.89	ng/L	2.12	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.12	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.51	ng/L	2.12	756426-58-1	
ADONA*	Not detected	2.1	0.55	ng/L	2.12	919005-14-4	
HFPO-DA*	Not detected	11	1.2	ng/L	2.12	13252-13-6	



Analytical Laboratory Report

Lab Sample ID: S85192.07

Sample Tag: MW-104S-20260317

Collected Date/Time: 03/17/2026 14:55

Matrix: Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	2.7	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.93/6.48/11	ASTMD7979-19M	03/18/26 11:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep2)	12.12/6.48/12	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 14:25, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	3.6	11	3.0	ng/L	2.13	375-22-4	J
PFPeA*	Not detected	4.3	1.0	ng/L	2.13	2706-90-3	
4:2 FTSA*	Not detected	2.1	0.43	ng/L	2.13	757124-72-4	
PFHxA*	Not detected	2.1	0.75	ng/L	2.13	307-24-4	
PFBS*	2.5	2.1	0.87	ng/L	2.13	375-73-5	
PFHpA*	Not detected	2.1	0.81	ng/L	2.13	375-85-9	
PFPeS*	Not detected	2.1	0.38	ng/L	2.13	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.0	ng/L	2.13	27619-97-2	
PFOA*	Not detected	2.1	0.77	ng/L	2.13	335-67-1	
PFHxS*	1.9	2.1	0.79	ng/L	2.13	355-46-4	J
PFHxS-LN*	1.1	2.1	0.79	ng/L	2.13	355-46-4-LN	J
PFHxS-BR*	Not detected	2.1	0.79	ng/L	2.13	355-46-4-BR	
PFNA*	Not detected	2.1	1.4	ng/L	2.13	375-95-1	
8:2 FTSA*	Not detected	2.1	2.0	ng/L	2.13	39108-34-4	
PFHpS*	Not detected	2.1	1.1	ng/L	2.13	375-92-8	
PFDA*	Not detected	2.1	1.2	ng/L	2.13	335-76-2	
N-MeFOSAA*	Not detected	2.1	0.58	ng/L	2.13	2355-31-9	
EtFOSAA*	Not detected	4.3	2.0	ng/L	2.13	2991-50-6	
PFOS*	Not detected	2.1	1.7	ng/L	2.13	1763-23-1	
PFOS-LN*	Not detected	2.1	1.7	ng/L	2.13	1763-23-1-LN	
PFOS-BR*	Not detected	2.1	1.7	ng/L	2.13	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.79	ng/L	2.13	2058-94-8	
PFNS*	Not detected	2.1	0.75	ng/L	2.13	68259-12-1	
PFDODA*	Not detected	2.1	0.83	ng/L	2.13	307-55-1	
PFDS*	Not detected	2.1	1.3	ng/L	2.13	335-77-3	
PFTDA*	Not detected	2.1	1.0	ng/L	2.13	72629-94-8	
FOSA*	Not detected	2.1	1.0	ng/L	2.13	754-91-6	
PFTeDA*	Not detected	4.3	0.89	ng/L	2.13	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.13	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.51	ng/L	2.13	756426-58-1	
ADONA*	Not detected	2.1	0.55	ng/L	2.13	919005-14-4	
HFPO-DA*	Not detected	11	1.2	ng/L	2.13	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL

Merit Laboratories Login Checklist

Lab Set ID:S85192

Client:APPLIED (Applied Ecosystems)

Project: RACER Flint West #12990

Submitted:03/17/2026 15:55 Login User: PFD

Attention: Rodney Abke

Address: Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525

FAX:

Email: rabke@appliedecosystems.com

Selection	Description	Note
Sample Receiving		
01.	☒ Yes ☐ No ☐ N/A	Samples are received at 4C +/- 2C Thermometer # IR 3.7
02.	☒ Yes ☐ No ☐ N/A	Received on ice/ cooling process begun
03.	☐ Yes ☒ No ☐ N/A	Samples shipped
04.	☐ Yes ☒ No ☐ N/A	Samples left in 24 hr. drop box
05.	☐ Yes ☐ No ☒ N/A	Are there custody seals/tape or is the drop box locked
Chain of Custody		
06.	☒ Yes ☐ No ☐ N/A	COC adequately filled out
07.	☒ Yes ☐ No ☐ N/A	COC signed and relinquished to the lab
08.	☒ Yes ☐ No ☐ N/A	Sample tag on bottles match COC
09.	☐ Yes ☒ No ☐ N/A	Subcontracting needed? Subcontacted to:
Preservation		
10.	☒ Yes ☐ No ☐ N/A	Do sample have correct chemical preservation
11.	☐ Yes ☐ No ☒ N/A	Completed pH checks on preserved samples? (no VOAs)
12.	☐ Yes ☒ No ☐ N/A	Did any samples need to be preserved in the lab?
Bottle Conditions		
13.	☒ Yes ☐ No ☐ N/A	All bottles intact
14.	☒ Yes ☐ No ☐ N/A	Appropriate analytical bottles are used
15.	☒ Yes ☐ No ☐ N/A	Merit bottles used
16.	☒ Yes ☐ No ☐ N/A	Sufficient sample volume received
17.	☐ Yes ☒ No ☐ N/A	Samples require laboratory filtration
18.	☒ Yes ☐ No ☐ N/A	Samples submitted within holding time
19.	☐ Yes ☐ No ☒ N/A	Do water VOC, TOX, DO or Alkalinity bottles contain

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME Rodney Abke			CONTACT NAME Julie McMahan			☐ SAME		
COMPANY Applied EcoSystems			COMPANY Revitalizing Auto Communities Environmental Response (RACER) Trust					
ADDRESS G-4300 South Saginaw Street			ADDRESS					
CITY Burton		STATE MI	ZIP CODE 48529		CITY		STATE	ZIP CODE
PHONE NO. 810-715-2525		FAX NO. 810-715-2526		P.O. NO. PO110793**		PHONE NO. 313-486-2908		E-MAIL ADDRESS jmcman@racertrust.org
E-MAIL ADDRESS rabke@appliedecosystems.com			QUOTE NO.			ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)		

[illegible]

RELINQUISHED BY: SIGNATURE/ORGANIZATION	<i>Samuel Newman</i> DE	☒ Sampler	DATE <i>9/14</i> TIME	RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	<i>Dyson</i>		DATE <i>3/17</i> TIME <i>13.4</i>	RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RELINQUISHED BY: SIGNATURE/ORGANIZATION	<i>Dyson</i>		DATE <i>3/18</i> TIME <i>15.3</i>	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES: TEMP. ON ARRIVAL <i>2.7</i>
RECEIVED BY: SIGNATURE/ORGANIZATION	<i>DE</i>		DATE <i>3/17</i> TIME <i>13.4</i>	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 5.18.12



Quality Control Report

Report ID: QC-S85192-01
Generated on 04/01/2026

Report to

Attention: Rodney Abke
Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525 FAX:

Report Produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S85192.01-S85192.07
Project: RACER Flint West #12990
Submitted Date/Time: 03/17/2026 15:55
Sampled by: Unknown
P.O. #: PO110793-TASK37

QC Report Sections

Cover Page (Page 1)
Analysis Summary (Pages 2-8)
Prep Batch Summary (Page 9)
Internal Standards per Lab Sample (Pages 10-16)
Internal Standards per QC Sample (Pages 17-26)
Batch QC Results (Pages 27-36)

Report Flag Descriptions

*: QC result is outside of indicated control limits
W: Surrogate result not applicable due to sample dilution

I certify that this data package is in compliance with the terms and conditions of the program, and project, and contractual requirements both technically and for completeness. Release of the data contained in this hardcopy data package and its computer-readable data submitted has been authorized by the Quality Assurance Manager and his/her designee, as verified by the following signature.

Barbara Ball
Quality Assurance Manager

QC Report - Analysis Summary

Lab Sample ID: S85192.01
Sample Tag: MW-12S-20260317
Collected Date/Time: 03/17/2026 11:20
Matrix: Water
COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 12:44	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85192.02
Sample Tag: Trip Blank-20260317
Collected Date/Time: 03/17/2026 12:01
Matrix: Water
COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 13:04	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85192.03

Sample Tag: MW-107S-20260317

Collected Date/Time: 03/17/2026 12:34

Matrix: Water

COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 13:25	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85192.04
Sample Tag: MW-100S-20260317
Collected Date/Time: 03/17/2026 13:38
Matrix: Water
COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 13:45	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85192.05
Sample Tag: FB-1-20260317
Collected Date/Time: 03/17/2026 13:58
Matrix: Water
COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/18/26 15:56	AK260318W1	PF260318W1	Yes	BLK/LCS/LCSD/MS/DU

QC Report - Analysis Summary

Lab Sample ID: S85192.06
Sample Tag: EB-1-20260317
Collected Date/Time: 03/17/2026 14:00
Matrix: Water
COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 14:05	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85192.07
Sample Tag: MW-104S-20260317
Collected Date/Time: 03/17/2026 14:55
Matrix: Water
COC Reference:

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 14:25	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Prep Batch Summary

Organics - Volatiles, Prep Batch ID: PF260318W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85192.05	28 PFAs	ASTMD7979-19M	03/18/26 15:56	AK260318W1

Organics - Volatiles, Prep Batch ID: PF260320W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85192.01	28 PFAs	ASTMD7979-19M	03/20/26 12:44	SE260320
S85192.02	28 PFAs	ASTMD7979-19M	03/20/26 13:04	SE260320
S85192.03	28 PFAs	ASTMD7979-19M	03/20/26 13:25	SE260320
S85192.04	28 PFAs	ASTMD7979-19M	03/20/26 13:45	SE260320
S85192.06	28 PFAs	ASTMD7979-19M	03/20/26 14:05	SE260320
S85192.07	28 PFAs	ASTMD7979-19M	03/20/26 14:25	SE260320

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85192.01

Sample Tag: MW-12S-20260317

Collected Date/Time: 03/17/2026 11:20

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 12:44, Matrix: WW, Dilution: 2.09

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		128.0	50.0	150.0
M2-6:2FTSA		128.8	50.0	150.0
M2-8:2FTSA		125.5	50.0	150.0
M2PFTeDA		143.0	12.0	218.0
M3PFBS		110.2	50.0	150.0
M3PFHxS		111.6	50.0	150.0
M4PFHpA		112.3	50.0	150.0
M5PFHxA		115.1	50.0	150.0
M5PFPeA		110.8	50.0	150.0
M6PFDA		121.0	50.0	150.0
M7PFUnDA		121.3	50.0	150.0
M8FOSA		119.9	50.0	150.0
M8PFOA		117.3	50.0	150.0
M8PFOS		108.2	50.0	150.0
M9-PFNA		116.5	50.0	150.0
MPFBA		113.1	50.0	150.0
MPFDoDA		127.4	50.0	150.0
d3N-MeFOSAA		134.4	50.0	150.0
d5EtFOSAA		145.0	50.0	150.0
MHFPO-DA		102.3	50.0	150.0
d-N-EtFOSA-M		119.1	50.0	150.0
d-N-MeFOSA-M		121.8	50.0	150.0
d7-N-MeFOSE-M		129.5	50.0	150.0
d9-N-EtFOSE-M		131.5	50.0	150.0
M6PFTrDA		132.9	50.0	150.0
13C3PFPrA		123.1	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85192.02

Sample Tag: Trip Blank-20260317

Collected Date/Time: 03/17/2026 12:01

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 13:04, Matrix: WW, Dilution: 2.03

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		97.0	50.0	150.0
M2-6:2FTSA		114.6	50.0	150.0
M2-8:2FTSA		116.3	50.0	150.0
M2PFTeDA		134.2	12.0	218.0
M3PFBS		106.7	50.0	150.0
M3PFHxS		105.9	50.0	150.0
M4PFHpA		104.5	50.0	150.0
M5PFHxA		106.9	50.0	150.0
M5PFPeA		107.0	50.0	150.0
M6PFDA		110.6	50.0	150.0
M7PFUnDA		104.2	50.0	150.0
M8FOSA		107.6	50.0	150.0
M8PFOA		112.5	50.0	150.0
M8PFOS		104.5	50.0	150.0
M9-PFNA		108.0	50.0	150.0
MPFBA		96.3	50.0	150.0
MPFDoDA		114.5	50.0	150.0
d3N-MeFOSAA		102.6	50.0	150.0
d5EtFOSAA		114.8	50.0	150.0
MHFPO-DA		104.3	50.0	150.0
d-N-EtFOSA-M		107.9	50.0	150.0
d-N-MeFOSA-M		111.4	50.0	150.0
d7-N-MeFOSE-M		112.8	50.0	150.0
d9-N-EtFOSE-M		112.1	50.0	150.0
M6PFTrDA		119.9	50.0	150.0
13C3PFPrA		107.1	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85192.03

Sample Tag: MW-107S-20260317

Collected Date/Time: 03/17/2026 12:34

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 13:25, Matrix: WW, Dilution: 2.09

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		110.4	50.0	150.0
M2-6:2FTSA		104.6	50.0	150.0
M2-8:2FTSA		101.9	50.0	150.0
M2PFTeDA		127.0	12.0	218.0
M3PFBS		108.7	50.0	150.0
M3PFHxS		109.5	50.0	150.0
M4PFHpA		112.6	50.0	150.0
M5PFHxA		116.5	50.0	150.0
M5PFPeA		110.9	50.0	150.0
M6PFDA		119.5	50.0	150.0
M7PFUnDA		111.4	50.0	150.0
M8FOSA		111.4	50.0	150.0
M8PFOA		116.7	50.0	150.0
M8PFOS		110.7	50.0	150.0
M9-PFNA		112.0	50.0	150.0
MPFBA		128.4	50.0	150.0
MPFDoDA		118.6	50.0	150.0
d3N-MeFOSAA		101.0	50.0	150.0
d5EtFOSAA		125.2	50.0	150.0
MHFPO-DA		106.0	50.0	150.0
d-N-EtFOSA-M		109.3	50.0	150.0
d-N-MeFOSA-M		112.8	50.0	150.0
d7-N-MeFOSE-M		111.9	50.0	150.0
d9-N-EtFOSE-M		113.9	50.0	150.0
M6PFTrDA		121.7	50.0	150.0
13C3PFPrA		119.8	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85192.04

Sample Tag: MW-100S-20260317

Collected Date/Time: 03/17/2026 13:38

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 13:45, Matrix: WW, Dilution: 2.19

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		90.4	50.0	150.0
M2-6:2FTSA		102.5	50.0	150.0
M2-8:2FTSA		98.8	50.0	150.0
M2PFTeDA		114.7	12.0	218.0
M3PFBS		98.2	50.0	150.0
M3PFHxS		102.0	50.0	150.0
M4PFHpA		104.0	50.0	150.0
M5PFHxA		100.9	50.0	150.0
M5PFPeA		99.5	50.0	150.0
M6PFDA		99.8	50.0	150.0
M7PFUnDA		99.3	50.0	150.0
M8FOSA		100.3	50.0	150.0
M8PFOA		109.5	50.0	150.0
M8PFOS		101.5	50.0	150.0
M9-PFNA		97.2	50.0	150.0
MPFBA		87.6	50.0	150.0
MPFDoDA		104.2	50.0	150.0
d3N-MeFOSAA		95.4	50.0	150.0
d5EtFOSAA		108.7	50.0	150.0
MHFPO-DA		98.8	50.0	150.0
d-N-EtFOSA-M		100.0	50.0	150.0
d-N-MeFOSA-M		101.9	50.0	150.0
d7-N-MeFOSE-M		100.7	50.0	150.0
d9-N-EtFOSE-M		100.5	50.0	150.0
M6PFTTrDA		107.3	50.0	150.0
13C3PFPrA		105.9	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85192.05

Sample Tag: FB-1-20260317

Collected Date/Time: 03/17/2026 13:58

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: AK260318W1, Run Date: 03/18/2026 15:56, Matrix: WW, Dilution: 2.01

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		93.4	50.0	150.0
M2-6:2FTSA		94.4	50.0	150.0
M2-8:2FTSA		95.5	50.0	150.0
M2PFTeDA		125.9	12.0	218.0
M3PFBS		109.5	50.0	150.0
M3PFHxS		104.1	50.0	150.0
M4PFHpA		97.8	50.0	150.0
M5PFHxA		96.2	50.0	150.0
M5PFPeA		99.6	50.0	150.0
M6PFDA		91.3	50.0	150.0
M7PFUnDA		103.1	50.0	150.0
M8FOSA		96.5	50.0	150.0
M8PFOA		93.1	50.0	150.0
M8PFOS		102.6	50.0	150.0
M9-PFNA		106.2	50.0	150.0
MPFBA		100.8	50.0	150.0
MPFDoDA		109.7	50.0	150.0
d3N-MeFOSAA		114.6	50.0	150.0
d5EtFOSAA		94.8	50.0	150.0
MHFPO-DA		97.8	50.0	150.0
d-N-EtFOSA-M		100.4	50.0	150.0
d-N-MeFOSA-M		94.2	50.0	150.0
d7-N-MeFOSE-M		94.5	50.0	150.0
d9-N-EtFOSE-M		84.3	50.0	150.0
M6PFTrDA		111.9	50.0	150.0
13C3PFPrA		106.9	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85192.06

Sample Tag: EB-1-20260317

Collected Date/Time: 03/17/2026 14:00

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 14:05, Matrix: WW, Dilution: 2.12

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		101.0	50.0	150.0
M2-6:2FTSA		108.3	50.0	150.0
M2-8:2FTSA		118.9	50.0	150.0
M2PFTeDA		116.7	12.0	218.0
M3PFBS		100.4	50.0	150.0
M3PFHxS		103.6	50.0	150.0
M4PFHpA		108.6	50.0	150.0
M5PFHxA		106.9	50.0	150.0
M5PFPeA		104.3	50.0	150.0
M6PFDA		102.7	50.0	150.0
M7PFUnDA		102.8	50.0	150.0
M8FOSA		104.8	50.0	150.0
M8PFOA		107.7	50.0	150.0
M8PFOS		97.9	50.0	150.0
M9-PFNA		106.9	50.0	150.0
MPFBA		93.0	50.0	150.0
MPFDoDA		104.0	50.0	150.0
d3N-MeFOSAA		101.0	50.0	150.0
d5EtFOSAA		118.5	50.0	150.0
MHFPO-DA		99.9	50.0	150.0
d-N-EtFOSA-M		103.3	50.0	150.0
d-N-MeFOSA-M		106.7	50.0	150.0
d7-N-MeFOSE-M		103.4	50.0	150.0
d9-N-EtFOSE-M		107.6	50.0	150.0
M6PFTrDA		108.6	50.0	150.0
13C3PFPrA		107.2	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85192.07

Sample Tag: MW-104S-20260317

Collected Date/Time: 03/17/2026 14:55

Matrix: Water

COC Reference:

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 14:25, Matrix: WW, Dilution: 2.13

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		91.8	50.0	150.0
M2-6:2FTSA		105.9	50.0	150.0
M2-8:2FTSA		117.1	50.0	150.0
M2PFTeDA		115.4	12.0	218.0
M3PFBS		101.0	50.0	150.0
M3PFHxS		105.2	50.0	150.0
M4PFHpA		104.2	50.0	150.0
M5PFHxA		104.4	50.0	150.0
M5PFPeA		105.3	50.0	150.0
M6PFDA		102.3	50.0	150.0
M7PFUnDA		103.9	50.0	150.0
M8FOSA		104.8	50.0	150.0
M8PFOA		112.9	50.0	150.0
M8PFOS		104.7	50.0	150.0
M9-PFNA		100.1	50.0	150.0
MPFBA		91.2	50.0	150.0
MPFDoDA		106.7	50.0	150.0
d3N-MeFOSAA		103.7	50.0	150.0
d5EtFOSAA		115.2	50.0	150.0
MHFPO-DA		98.2	50.0	150.0
d-N-EtFOSA-M		103.2	50.0	150.0
d-N-MeFOSA-M		110.7	50.0	150.0
d7-N-MeFOSE-M		101.7	50.0	150.0
d9-N-EtFOSE-M		104.5	50.0	150.0
M6PFTrDA		105.9	50.0	150.0
13C3PFPrA		115.1	50.0	150.0

QC Report - Internal Standards per QC Sample

Organics - Volatiles, Prep Batch ID: PF260318W1

QC Types: BLK/LCS/LCSD/MS/DUP

Blank (BLK)

Lab Sample ID: AK260318W1.BLK260318

Run in Batch: AK260318W1, Run Date: 03/18/2026 13:16, Prep Date: 03/18/2026, Matrix: WW, Dilution: 2

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		95.3	50.0	150.0
M2-6:2FTSA		99.6	50.0	150.0
M2-8:2FTSA		106.6	50.0	150.0
M2PFTeDA		128.9	12.0	218.0
M3PFBS		113.2	50.0	150.0
M3PFHxS		115.9	50.0	150.0
M4PFHpA		99.9	50.0	150.0
M5PFHxA		98.4	50.0	150.0
M5PFPeA		103.9	50.0	150.0
M6PFDA		97.3	50.0	150.0
M7PFUnDA		110.9	50.0	150.0
M8FOSA		100.4	50.0	150.0
M8PFOA		101.4	50.0	150.0
M8PFOS		110.0	50.0	150.0
M9-PFNA		106.6	50.0	150.0
MPFBA		105.0	50.0	150.0
MPFDoDA		114.5	50.0	150.0
d3N-MeFOSAA		98.6	50.0	150.0
d5EtFOSAA		105.3	50.0	150.0
MHFPO-DA		109.7	50.0	150.0
d-N-EtFOSA-M		111.3	50.0	150.0
d-N-MeFOSA-M		103.4	50.0	150.0
d7-N-MeFOSE-M		102.4	50.0	150.0
d9-N-EtFOSE-M		93.0	50.0	150.0
M6PFTTrDA		130.4	50.0	150.0
13C3PFPrA		104.8	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample (LCS)

Lab Sample ID: AK260318W1.LCS_260318

Run in Batch: AK260318W1, Run Date: 03/18/2026 12:36, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		87.6	50.0	150.0
M2-6:2FTSA		91.7	50.0	150.0
M2-8:2FTSA		96.5	50.0	150.0
M2PFTeDA		107.4	12.0	218.0
M3PFBS		114.3	50.0	150.0
M3PFHxS		106.3	50.0	150.0
M4PFHpA		94.7	50.0	150.0
M5PFHxA		98.6	50.0	150.0
M5PFPeA		101.3	50.0	150.0
M6PFDA		95.7	50.0	150.0
M7PFUnDA		96.4	50.0	150.0
M8FOSA		93.2	50.0	150.0
M8PFOA		95.7	50.0	150.0
M8PFOS		113.2	50.0	150.0
M9-PFNA		111.2	50.0	150.0
MPFBA		99.7	50.0	150.0
MPFDoDA		104.8	50.0	150.0
d3N-MeFOSAA		94.1	50.0	150.0
d5EtFOSAA		92.7	50.0	150.0
MHFPO-DA		101.5	50.0	150.0
d-N-EtFOSA-M		101.4	50.0	150.0
d-N-MeFOSA-M		96.2	50.0	150.0
d7-N-MeFOSE-M		88.9	50.0	150.0
d9-N-EtFOSE-M		95.8	50.0	150.0
M6PFTrDA		104.2	50.0	150.0
13C3PFPrA		97.7	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: AK260318W1.LCSD_260318, Parent Sample ID: AK260318W1.LCS_260318

Run in Batch: AK260318W1, Run Date: 03/18/2026 12:56, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		98.0	50.0	150.0
M2-6:2FTSA		93.7	50.0	150.0
M2-8:2FTSA		93.6	50.0	150.0
M2PFTeDA		108.4	12.0	218.0
M3PFBS		109.7	50.0	150.0
M3PFHxS		106.9	50.0	150.0
M4PFHpA		104.3	50.0	150.0
M5PFHxA		102.5	50.0	150.0
M5PFPeA		101.2	50.0	150.0
M6PFDA		102.5	50.0	150.0
M7PFUnDA		97.2	50.0	150.0
M8FOSA		97.6	50.0	150.0
M8PFOA		100.5	50.0	150.0
M8PFOS		99.3	50.0	150.0
M9-PFNA		95.3	50.0	150.0
MPFBA		102.2	50.0	150.0
MPFDoDA		104.0	50.0	150.0
d3N-MeFOSAA		105.4	50.0	150.0
d5EtFOSAA		100.3	50.0	150.0
MHFPO-DA		99.2	50.0	150.0
d-N-EtFOSA-M		100.6	50.0	150.0
d-N-MeFOSA-M		95.3	50.0	150.0
d7-N-MeFOSE-M		100.1	50.0	150.0
d9-N-EtFOSE-M		88.0	50.0	150.0
M6PFTrDA		100.1	50.0	150.0
13C3PFPrA		102.1	50.0	150.0

QC Report - Internal Standards per QC Sample

Matrix Spike (MS)

Lab Sample ID: AK260318W1.8519201M, Parent Sample ID: S85192.01

Run in Batch: AK260318W1, Run Date: 03/18/2026 14:16, Prep Date: 03/18/2026, Matrix: WW, Dilution: 2.06

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		138.6	50.0	150.0
M2-6:2FTSA		146.2	50.0	150.0
M2-8:2FTSA		147.1	50.0	150.0
M2PFTeDA		132.7	12.0	218.0
M3PFBS		122.7	50.0	150.0
M3PFHxS		120.8	50.0	150.0
M4PFHpA		114.1	50.0	150.0
M5PFHxA		110.9	50.0	150.0
M5PFPeA		115.6	50.0	150.0
M6PFDA		108.5	50.0	150.0
M7PFUnDA		117.3	50.0	150.0
M8FOSA		111.6	50.0	150.0
M8PFOA		104.5	50.0	150.0
M8PFOS		115.0	50.0	150.0
M9-PFNA		120.8	50.0	150.0
MPFBA		116.2	50.0	150.0
MPFDoDA		126.3	50.0	150.0
d3N-MeFOSAA		127.5	50.0	150.0
d5EtFOSAA		134.2	50.0	150.0
MHFPO-DA		108.7	50.0	150.0
d-N-EtFOSA-M		120.2	50.0	150.0
d-N-MeFOSA-M		112.0	50.0	150.0
d7-N-MeFOSE-M		110.9	50.0	150.0
d9-N-EtFOSE-M		110.9	50.0	150.0
M6PFTrDA		122.2	50.0	150.0
13C3PFPrA		121.6	50.0	150.0

QC Report - Internal Standards per QC Sample

Duplicate (DUP)

Lab Sample ID: AK260318W1.8519203D, Parent Sample ID: S85192.03

Run in Batch: AK260318W1, Run Date: 03/18/2026 15:16, Prep Date: 03/18/2026, Matrix: WW, Dilution: 2.15

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		108.8	50.0	150.0
M2-6:2FTSA		94.7	50.0	150.0
M2-8:2FTSA		92.3	50.0	150.0
M2PFTeDA		136.1	12.0	218.0
M3PFBS		117.1	50.0	150.0
M3PFHxS		115.1	50.0	150.0
M4PFHpA		105.0	50.0	150.0
M5PFHxA		102.3	50.0	150.0
M5PFPeA		105.3	50.0	150.0
M6PFDA		102.5	50.0	150.0
M7PFUnDA		109.9	50.0	150.0
M8FOSA		102.8	50.0	150.0
M8PFOA		95.6	50.0	150.0
M8PFOS		107.7	50.0	150.0
M9-PFNA		107.5	50.0	150.0
MPFBA		108.7	50.0	150.0
MPFDoDA		116.4	50.0	150.0
d3N-MeFOSAA		108.2	50.0	150.0
d5EtFOSAA		98.5	50.0	150.0
MHFPO-DA		109.4	50.0	150.0
d-N-EtFOSA-M		105.5	50.0	150.0
d-N-MeFOSA-M		104.7	50.0	150.0
d7-N-MeFOSE-M		97.2	50.0	150.0
d9-N-EtFOSE-M		94.1	50.0	150.0
M6PFTrDA		122.8	50.0	150.0
13C3PFPrA		106.7	50.0	150.0

QC Report - Internal Standards per QC Sample

Organics - Volatiles, Prep Batch ID: PF260320W1

QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK)

Lab Sample ID: SE260320.BLK260320

Run in Batch: SE260320, Run Date: 03/20/2026 12:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		97.4	50.0	150.0
M2-6:2FTSA		100.8	50.0	150.0
M2-8:2FTSA		109.4	50.0	150.0
M2PFTeDA		105.0	12.0	218.0
M3PFBS		100.2	50.0	150.0
M3PFHxS		100.8	50.0	150.0
M4PFHpA		103.5	50.0	150.0
M5PFHxA		103.2	50.0	150.0
M5PFPeA		101.9	50.0	150.0
M6PFDA		107.4	50.0	150.0
M7PFUnDA		100.1	50.0	150.0
M8FOSA		106.7	50.0	150.0
M8PFOA		105.8	50.0	150.0
M8PFOS		101.9	50.0	150.0
M9-PFNA		99.8	50.0	150.0
MPFBA		91.4	50.0	150.0
MPFDoDA		103.1	50.0	150.0
d3N-MeFOSAA		103.3	50.0	150.0
d5EtFOSAA		107.7	50.0	150.0
MHFPO-DA		101.1	50.0	150.0
d-N-EtFOSA-M		99.9	50.0	150.0
d-N-MeFOSA-M		105.8	50.0	150.0
d7-N-MeFOSE-M		108.0	50.0	150.0
d9-N-EtFOSE-M		106.0	50.0	150.0
M6PFTTrDA		102.0	50.0	150.0
13C3PFPrA		104.8	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample (LCS)

Lab Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		104.9	50.0	150.0
M2-6:2FTSA		116.6	50.0	150.0
M2-8:2FTSA		119.9	50.0	150.0
M2PFTeDA		109.5	12.0	218.0
M3PFBS		104.9	50.0	150.0
M3PFHxS		104.9	50.0	150.0
M4PFHpA		108.4	50.0	150.0
M5PFHxA		110.7	50.0	150.0
M5PFPeA		107.3	50.0	150.0
M6PFDA		108.9	50.0	150.0
M7PFUnDA		104.8	50.0	150.0
M8FOSA		109.3	50.0	150.0
M8PFOA		114.5	50.0	150.0
M8PFOS		106.1	50.0	150.0
M9-PFNA		111.5	50.0	150.0
MPFBA		99.0	50.0	150.0
MPFDoDA		106.3	50.0	150.0
d3N-MeFOSAA		103.1	50.0	150.0
d5EtFOSAA		116.9	50.0	150.0
MHFPO-DA		109.8	50.0	150.0
d-N-EtFOSA-M		106.3	50.0	150.0
d-N-MeFOSA-M		110.5	50.0	150.0
d7-N-MeFOSE-M		105.5	50.0	150.0
d9-N-EtFOSE-M		105.4	50.0	150.0
M6PFTrDA		99.0	50.0	150.0
13C3PFPrA		109.7	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: SE260320.LCSD_260320, Parent Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		97.7	50.0	150.0
M2-6:2FTSA		103.8	50.0	150.0
M2-8:2FTSA		114.7	50.0	150.0
M2PFTeDA		103.4	12.0	218.0
M3PFBS		101.0	50.0	150.0
M3PFHxS		95.8	50.0	150.0
M4PFHpA		96.5	50.0	150.0
M5PFHxA		96.9	50.0	150.0
M5PFPeA		97.7	50.0	150.0
M6PFDA		94.3	50.0	150.0
M7PFUnDA		96.6	50.0	150.0
M8FOSA		98.4	50.0	150.0
M8PFOA		99.4	50.0	150.0
M8PFOS		98.8	50.0	150.0
M9-PFNA		95.7	50.0	150.0
MPFBA		85.0	50.0	150.0
MPFDoDA		100.0	50.0	150.0
d3N-MeFOSAA		97.6	50.0	150.0
d5EtFOSAA		101.7	50.0	150.0
MHFPO-DA		92.8	50.0	150.0
d-N-EtFOSA-M		91.3	50.0	150.0
d-N-MeFOSA-M		103.6	50.0	150.0
d7-N-MeFOSE-M		102.1	50.0	150.0
d9-N-EtFOSE-M		99.3	50.0	150.0
M6PFTrDA		100.4	50.0	150.0
13C3PFPrA		98.8	50.0	150.0

Matrix Spike (MS)

Lab Sample ID: SE260320.8524608M, Parent Sample ID: S85246.07

Run in Batch: SE260320, Run Date: 03/20/2026 18:05, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.05

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		101.4	50.0	150.0
M2-6:2FTSA		116.3	50.0	150.0
M2-8:2FTSA		118.1	50.0	150.0
M2PFTeDA		146.8	12.0	218.0
M3PFBS		107.5	50.0	150.0
M3PFHxS		112.4	50.0	150.0
M4PFHpA		108.0	50.0	150.0
M5PFHxA		108.3	50.0	150.0
M5PFPeA		108.6	50.0	150.0
M6PFDA		113.6	50.0	150.0
M7PFUnDA		109.5	50.0	150.0
M8FOSA		123.5	50.0	150.0
M8PFOA		117.5	50.0	150.0
M8PFOS		105.2	50.0	150.0
M9-PFNA		111.8	50.0	150.0
MPFBA		112.1	50.0	150.0
MPFDoDA		114.2	50.0	150.0
d3N-MeFOSAA		109.0	50.0	150.0
d5EtFOSAA		121.9	50.0	150.0
MHFPO-DA		99.5	50.0	150.0
d-N-EtFOSA-M		113.9	50.0	150.0
d-N-MeFOSA-M		121.5	50.0	150.0
d7-N-MeFOSE-M		148.2	50.0	150.0
d9-N-EtFOSE-M		137.2	50.0	150.0
M6PFTTrDA		120.0	50.0	150.0
13C3PFPrA		121.7	50.0	150.0

QC Report - Internal Standards per QC Sample

Matrix Spike Duplicate (MSD)

Lab Sample ID: SE260320.8524609N, Parent Sample ID: SE260320.8524608M

Run in Batch: SE260320, Run Date: 03/20/2026 18:25, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.03

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		95.6	50.0	150.0
M2-6:2FTSA		109.1	50.0	150.0
M2-8:2FTSA		106.6	50.0	150.0
M2PFTeDA		143.1	12.0	218.0
M3PFBS		109.0	50.0	150.0
M3PFHxS		111.1	50.0	150.0
M4PFHpA		112.5	50.0	150.0
M5PFHxA		110.9	50.0	150.0
M5PFPeA		110.8	50.0	150.0
M6PFDA		119.4	50.0	150.0
M7PFUnDA		110.1	50.0	150.0
M8FOSA		122.3	50.0	150.0
M8PFOA		116.8	50.0	150.0
M8PFOS		104.5	50.0	150.0
M9-PFNA		111.3	50.0	150.0
MPFBA		113.9	50.0	150.0
MPFDoDA		114.3	50.0	150.0
d3N-MeFOSAA		109.6	50.0	150.0
d5EtFOSAA		117.8	50.0	150.0
MHFPO-DA		103.3	50.0	150.0
d-N-EtFOSA-M		115.4	50.0	150.0
d-N-MeFOSA-M		123.5	50.0	150.0
d7-N-MeFOSE-M		141.9	50.0	150.0
d9-N-EtFOSE-M		132.2	50.0	150.0
M6PFTrDA		117.9	50.0	150.0
13C3PFPrA		123.4	50.0	150.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260318W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Blank (BLK)

Lab Sample ID: AK260318W1.BLK260318

Run in Batch: AK260318W1, Run Date: 03/18/2026 13:16, Prep Date: 03/18/2026, Matrix: WW, Dilution: 2

Analyte	Flags	Conc	RDL	Units
PFPPrA		ND	100	ng/l
PFBA		ND	10	ng/l
PFMPA		ND	2	ng/l
FPrPA (3:3 FTCA)		ND	10	ng/l
PFPPrS		ND	2	ng/l
PFPeA		ND	4	ng/l
PFMBA		ND	2	ng/l
4:2 FTSA		ND	2	ng/l
NFDHA		ND	2	ng/l
PFHxA		ND	2	ng/l
PFBS		ND	2	ng/l
HFPO-DA		ND	10	ng/l
PFEESA		ND	2	ng/l
FPePA (5:3 FTCA)		ND	10	ng/l
PFFHpA		ND	2	ng/l
PFFPeS		ND	2	ng/l
ADONA		ND	2	ng/l
6:2 FTSA		ND	2	ng/l
HQ-115		ND	2	ng/l
PFBSA		ND	2	ng/l
PFOA		ND	2	ng/l
PFHxS-BR		ND	2	ng/l
PFHxS		ND	2	ng/l
PFHxS-LN		ND	2	ng/l
PFNA		ND	2	ng/l
FHpPA (7:3 FTCA)		ND	10	ng/l
PFECHS		ND	2	ng/l
8:2 FTSA		ND	2	ng/l
PFFHpS		ND	2	ng/l
N-MeFOSAA		ND	2	ng/l
PFDA		ND	2	ng/l
PFOS-BR		ND	2	ng/l
EtFOSAA		ND	4	ng/l
PFOS		ND	2	ng/l
PFOS-LN		ND	2	ng/l
PFUnDA		ND	2	ng/l
PFFHxSA		ND	2	ng/l
9CL-PF3ONS		ND	2	ng/l
PFNS		ND	2	ng/l
PFDODA		ND	2	ng/l
PFDS		ND	2	ng/l
PFTTrDA		ND	2	ng/l
11CL-PF3OUdS		ND	2	ng/l
FOSA		ND	2	ng/l
PFTeDA		ND	4	ng/l
PFDOS		ND	4	ng/l

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260318W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Blank (BLK) (continued)

Lab Sample ID: AK260318W1.BLK260318

Run in Batch: AK260318W1, Run Date: 03/18/2026 13:16, Prep Date: 03/18/2026, Matrix: WW, Dilution: 2

Analyte	Flags	Conc	RDL	Units
NMeFOSE		ND	4	ng/l
NMeFOSAM		ND	2	ng/l
NEtFOSE		ND	4	ng/l
NEtFOSAM		ND	2	ng/l

Laboratory Control Sample (LCS)

Lab Sample ID: AK260318W1.LCS_260318

Run in Batch: AK260318W1, Run Date: 03/18/2026 12:36, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
PFPPrA		106.4	70.0	130.0
PFBA		106.4	70.0	130.0
PFMPA		93.6	70.0	130.0
FPrPA (3:3 FTCA)		81.8	70.0	130.0
PFPPrS		103.4	70.0	130.0
PFPPrA		99.4	70.0	130.0
PFMBA		89.8	70.0	130.0
4:2 FTSA		106.0	70.0	130.0
NFDHA		85.0	70.0	130.0
PFHxA		104.6	70.0	130.0
PFBS		101.6	70.0	130.0
HFPO-DA		99.4	70.0	130.0
PFEESA		83.8	70.0	130.0
FPePA (5:3 FTCA)		90.8	70.0	130.0
PFHpA		101.6	70.0	130.0
PFPPrS		100.6	70.0	130.0
ADONA		97.2	70.0	130.0
6:2 FTSA		102.2	70.0	130.0
HQ-115		97.2	70.0	130.0
PFBSA		76.0	70.0	130.0
PFOA		95.8	70.0	130.0
PFHxS		112.6	70.0	130.0
PFNA		90.6	70.0	130.0
FHpPA (7:3 FTCA)		74.8	70.0	130.0
PFECHS		101.6	70.0	130.0
8:2 FTSA		120.8	70.0	130.0
PFHpS		104.4	70.0	130.0
N-MeFOSAA		118.0	70.0	130.0
PFDA		116.4	70.0	130.0
EtFOSAA		111.6	70.0	130.0
PFOS		92.4	70.0	130.0
PFUnDA		120.4	70.0	130.0
PFHxSA		91.4	70.0	130.0
9CL-PF3ONS		92.6	70.0	130.0
PFNS		92.4	70.0	130.0
PFDODA		99.2	70.0	130.0
PFDS		88.2	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260318W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: AK260318W1.LCS_260318

Run in Batch: AK260318W1, Run Date: 03/18/2026 12:36, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
PFTTrDA		96.2	70.0	130.0
11CL-PF3OUdS		92.2	70.0	130.0
FOSA		105.8	70.0	130.0
PFTTeDA		105.0	70.0	130.0
PFDOS		95.6	70.0	130.0
NMeFOSE		105.0	70.0	130.0
NMeFOSAM		101.0	70.0	130.0
NEtFOSE		91.2	70.0	130.0
NEtFOSAM		99.4	70.0	130.0

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: AK260318W1.LCSD_260318, Parent Sample ID: AK260318W1.LCS_260318

Run in Batch: AK260318W1, Run Date: 03/18/2026 12:56, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFPPrA		113.6	70.0	130.0	6.5	30.0
PFBA		103.2	70.0	130.0	3.1	30.0
PFMPA		105.4	70.0	130.0	11.9	30.0
FPrPA (3:3 FTCA)		84.2	70.0	130.0	2.9	30.0
PFPPrS		108.6	70.0	130.0	4.9	30.0
PFPpA		102.0	70.0	130.0	2.6	30.0
PFMBA		102.2	70.0	130.0	12.9	30.0
4:2 FTSA		93.6	70.0	130.0	12.4	30.0
NFDHA		97.8	70.0	130.0	14.0	30.0
PFHxA		96.6	70.0	130.0	8.0	30.0
PFBS		107.0	70.0	130.0	5.2	30.0
HFPO-DA		100.6	70.0	130.0	1.2	30.0
PFEESA		98.8	70.0	130.0	16.4	30.0
FPePA (5:3 FTCA)	*	69.8	70.0	130.0	26.2	30.0
PFHpA		92.6	70.0	130.0	9.3	30.0
PFPpS		102.8	70.0	130.0	2.2	30.0
ADONA		92.8	70.0	130.0	4.6	30.0
6:2 FTSA		108.8	70.0	130.0	6.3	30.0
HQ-115		111.2	70.0	130.0	13.4	30.0
PFBSA		76.6	70.0	130.0	0.8	30.0
PFOA		95.2	70.0	130.0	0.6	30.0
PFHxS		108.4	70.0	130.0	3.8	30.0
PFNA		108.4	70.0	130.0	17.9	30.0
FHpPA (7:3 FTCA)		78.2	70.0	130.0	4.4	30.0
PFECHS		114.8	70.0	130.0	12.2	30.0
8:2 FTSA	*	131.4	70.0	130.0	8.4	30.0
PFHpS		106.0	70.0	130.0	1.5	30.0
N-MeFOSAA		110.0	70.0	130.0	7.0	30.0
PFDA		116.0	70.0	130.0	0.3	30.0
EtFOSAA		92.4	70.0	130.0	18.8	30.0
PFOS		102.2	70.0	130.0	10.1	30.0
PFUnDA		106.8	70.0	130.0	12.0	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260318W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Laboratory Control Sample Duplicate (LCSD) (continued)

Lab Sample ID: AK260318W1.LCSD_260318, Parent Sample ID: AK260318W1.LCS_260318

Run in Batch: AK260318W1, Run Date: 03/18/2026 12:56, Prep Date: 03/18/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFHxSA		85.4	70.0	130.0	6.8	30.0
9CL-PF3ONS		105.8	70.0	130.0	13.3	30.0
PFNS		108.4	70.0	130.0	15.9	30.0
PFDODA		94.8	70.0	130.0	4.5	30.0
PFDS		97.8	70.0	130.0	10.3	30.0
PFTTrDA		101.6	70.0	130.0	5.5	30.0
11CL-PF3OUdS		103.0	70.0	130.0	11.1	30.0
FOSA		100.8	70.0	130.0	4.8	30.0
PFTeDA		97.8	70.0	130.0	7.1	30.0
PFDOS		104.2	70.0	130.0	8.6	30.0
NMeFOSE		90.2	70.0	130.0	15.2	30.0
NMeFOSAM		102.0	70.0	130.0	1.0	30.0
NEtFOSE		96.8	70.0	130.0	6.0	30.0
NEtFOSAM		101.4	70.0	130.0	2.0	30.0

Matrix Spike (MS)

Lab Sample ID: AK260318W1.8519201M, Parent Sample ID: S85192.01

Run in Batch: AK260318W1, Run Date: 03/18/2026 14:16, Prep Date: 03/18/2026, Matrix: WW, Dilution: 2.06

Analyte	Flags	% Rec	LCL	UCL
PFBA	*	145.6	70.0	130.0
PFPeA		106.8	70.0	130.0
4:2 FTSA		93.2	70.0	130.0
PFHxA		99.0	70.0	130.0
PFBS		97.1	70.0	130.0
PFHpA		116.5	70.0	130.0
PFPeS		97.1	70.0	130.0
6:2 FTSA		90.3	70.0	130.0
PFOA		99.5	70.0	130.0
PFHxS		106.8	70.0	130.0
PFNA		92.2	70.0	130.0
8:2 FTSA		106.8	70.0	130.0
PFHpS		88.3	70.0	130.0
PFDA		126.2	70.0	130.0
N-MeFOSAA		106.8	70.0	130.0
EtFOSAA		83.5	70.0	130.0
PFOS		96.1	70.0	130.0
PFUnDA		106.8	70.0	130.0
PFNS		106.8	70.0	130.0
PFDODA		92.2	70.0	130.0
PFDS		91.3	70.0	130.0
PFTTrDA		92.2	70.0	130.0
FOSA		96.1	70.0	130.0
PFTeDA		94.2	70.0	130.0
11CL-PF3OUdS		93.2	70.0	130.0
9CL-PF3ONS		106.8	70.0	130.0
ADONA		97.1	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260318W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Matrix Spike (MS) (continued)

Lab Sample ID: AK260318W1.8519201M, Parent Sample ID: S85192.01

Run in Batch: AK260318W1, Run Date: 03/18/2026 14:16, Prep Date: 03/18/2026, Matrix: WW, Dilution: 2.06

Analyte	Flags	% Rec	LCL	UCL
HFPO-DA		106.8	70.0	130.0

Duplicate (DUP)

Lab Sample ID: AK260318W1.8519203D, Parent Sample ID: S85192.03

Run in Batch: AK260318W1, Run Date: 03/18/2026 15:16, Prep Date: 03/18/2026, Matrix: WW, Dilution: 2.15

Analyte	Flags	RPD	RPD CL
PFBA		19.0	30.0
PFPeA		NC	30.0
4:2 FTSA		NC	30.0
PFHxA		9.5	30.0
PFBS		NC	30.0
PFHpA		8.7	30.0
PFPeS		NC	30.0
6:2 FTSA		NC	30.0
PFOA		18.9	30.0
PFHxS		NC	30.0
PFHxS-LN		NC	30.0
PFHxS-BR		NC	30.0
PFNA		NC	30.0
8:2 FTSA		NC	30.0
PFHpS		NC	30.0
PFDA		NC	30.0
N-MeFOSAA		NC	30.0
EtFOSAA		NC	30.0
PFOS		15.7	30.0
PFOS-LN		21.8	30.0
PFOS-BR		8.5	30.0
PFUnDA		NC	30.0
PFNS		NC	30.0
PFDODA		NC	30.0
PFDS		NC	30.0
PFTTrDA		NC	30.0
FOSA		NC	30.0
PFTeDA		NC	30.0
11CL-PF3OUdS		NC	30.0
9CL-PF3ONS		NC	30.0
ADONA		NC	30.0
HFPO-DA		NC	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK)

Lab Sample ID: SE260320.BLK260320

Run in Batch: SE260320, Run Date: 03/20/2026 12:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
PFBA		ND	10	ng/l
PFMPA		ND	2	ng/l
FPrPA (3:3 FTCA)		ND	10	ng/l
PFPeA		ND	4	ng/l
PFPPrS		ND	2	ng/l
PFMBA		ND	2	ng/l
4:2 FTSA		ND	2	ng/l
NFDHA		ND	2	ng/l
PFHxA		ND	2	ng/l
PFBS		ND	2	ng/l
HFPO-DA		ND	10	ng/l
FPePA (5:3 FTCA)		ND	10	ng/l
PFEESA		ND	2	ng/l
PFHpA		ND	2	ng/l
ADONA		ND	2	ng/l
PFPeS		ND	2	ng/l
6:2 FTSA		ND	2	ng/l
PFBSA		ND	2	ng/l
PFOA		ND	2	ng/l
PFHxS-BR		ND	2	ng/l
PFHxS		ND	2	ng/l
PFHxS-LN		ND	2	ng/l
FHpPA (7:3 FTCA)		ND	10	ng/l
PFNA		ND	2	ng/l
8:2 FTSA		ND	2	ng/l
PFECHS		ND	2	ng/l
PFHpS		ND	2	ng/l
N-MeFOSAA		ND	2	ng/l
PFDA		ND	2	ng/l
EtFOSAA		ND	4	ng/l
PFOS-BR		ND	2	ng/l
PFOS		ND	2	ng/l
PFOS-LN		ND	2	ng/l
PFHxSA		ND	2	ng/l
PFUnDA		ND	2	ng/l
9CL-PF3ONS		ND	2	ng/l
PFNS		ND	2	ng/l
PFDoDA		ND	2	ng/l
PFDS		ND	2	ng/l
PFTTrDA		ND	2	ng/l
FOSA		ND	2	ng/l
11CL-PF3OUdS		ND	2	ng/l
PFTeDA		ND	4	ng/l
PFDOS		ND	4	ng/l
NMeFOSE		ND	4	ng/l
NMeFOSAM		ND	2	ng/l

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK) (continued)

Lab Sample ID: SE260320.BLK260320

Run in Batch: SE260320, Run Date: 03/20/2026 12:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
NEtFOSE		ND	4	ng/l
NEtFOSAM		ND	2	ng/l

Laboratory Control Sample (LCS)

Lab Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
PFPPrA		102.8	70.0	130.0
PFBA		90.8	70.0	130.0
PFMPA		109.0	70.0	130.0
FPrPA (3:3 FTCA)		76.4	70.0	130.0
PFPeA		88.0	70.0	130.0
PFPPrS		105.4	70.0	130.0
PFMBA		97.2	70.0	130.0
4:2 FTSA		97.8	70.0	130.0
NFDHA		94.4	70.0	130.0
PFHxA		84.0	70.0	130.0
PFBS		95.6	70.0	130.0
HFPO-DA		91.6	70.0	130.0
FPePA (5:3 FTCA)		85.0	70.0	130.0
PFEESA		75.4	70.0	130.0
PFHpA		85.4	70.0	130.0
ADONA		78.6	70.0	130.0
PFPeS		95.6	70.0	130.0
6:2 FTSA		85.0	70.0	130.0
HQ-115		80.0	70.0	130.0
PFBSA		78.2	70.0	130.0
PFOA		75.4	70.0	130.0
PFHxS		95.0	70.0	130.0
FHpPA (7:3 FTCA)		88.0	70.0	130.0
PFNA		88.2	70.0	130.0
8:2 FTSA		93.0	70.0	130.0
PFECHS		99.6	70.0	130.0
PFHpS		110.0	70.0	130.0
N-MeFOSAA		102.6	70.0	130.0
PFDA		95.0	70.0	130.0
EtFOSAA		87.2	70.0	130.0
PFOS		96.2	70.0	130.0
PFHxSA		93.2	70.0	130.0
PFUnDA		91.4	70.0	130.0
9CL-PF3ONS		88.2	70.0	130.0
PFNS		92.2	70.0	130.0
PFDoDA		90.0	70.0	130.0
PFDS		90.4	70.0	130.0
PFTTrDA		91.2	70.0	130.0
FOSA		96.2	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
11CL-PF3OUdS		93.4	70.0	130.0
PFTeDA		95.2	70.0	130.0
PFDOS		88.0	70.0	130.0
NMeFOSE		92.6	70.0	130.0
NMeFOSAM		91.0	70.0	130.0
NEtFOSE		95.0	70.0	130.0
NEtFOSAM		94.0	70.0	130.0

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: SE260320.LCSD_260320, Parent Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFPPrA		115.4	70.0	130.0	11.5	30.0
PFBA		94.8	70.0	130.0	4.3	30.0
PFMPA		113.4	70.0	130.0	4.0	30.0
FPrPA (3:3 FTCA)		78.2	70.0	130.0	2.3	30.0
PFPeA		94.0	70.0	130.0	6.6	30.0
PFPPrS		106.0	70.0	130.0	0.6	30.0
PFMBA		101.8	70.0	130.0	4.6	30.0
4:2 FTSA		92.0	70.0	130.0	6.1	30.0
NFDHA		87.2	70.0	130.0	7.9	30.0
PFHxA		91.6	70.0	130.0	8.7	30.0
PFBS		94.8	70.0	130.0	0.8	30.0
HFPO-DA		102.8	70.0	130.0	11.5	30.0
FPePA (5:3 FTCA)		102.4	70.0	130.0	18.6	30.0
PFEESA		77.6	70.0	130.0	2.9	30.0
PFHpA		88.8	70.0	130.0	3.9	30.0
ADONA		90.6	70.0	130.0	14.2	30.0
PFPeS		96.2	70.0	130.0	0.6	30.0
6:2 FTSA		92.2	70.0	130.0	8.1	30.0
HQ-115		82.6	70.0	130.0	3.2	30.0
PFBSA		87.8	70.0	130.0	11.6	30.0
PFOA		83.8	70.0	130.0	10.6	30.0
PFHxS		100.8	70.0	130.0	5.9	30.0
FHpPA (7:3 FTCA)		98.8	70.0	130.0	11.6	30.0
PFNA		99.8	70.0	130.0	12.3	30.0
8:2 FTSA		92.6	70.0	130.0	0.4	30.0
PFECHS		105.4	70.0	130.0	5.7	30.0
PFHpS		113.4	70.0	130.0	3.0	30.0
N-MeFOSAA		99.2	70.0	130.0	3.4	30.0
PFDA		100.2	70.0	130.0	5.3	30.0
EtFOSAA		97.8	70.0	130.0	11.5	30.0
PFOS		99.0	70.0	130.0	2.9	30.0
PFHxSA		105.6	70.0	130.0	12.5	30.0
PFUnDA		93.2	70.0	130.0	2.0	30.0
9CL-PF3ONS		92.6	70.0	130.0	4.9	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Laboratory Control Sample Duplicate (LCSD) (continued)

Lab Sample ID: SE260320.LCSD_260320, Parent Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFNS		96.8	70.0	130.0	4.9	30.0
PFDODA		89.4	70.0	130.0	0.7	30.0
PFDS		91.8	70.0	130.0	1.5	30.0
PFTTrDA		91.0	70.0	130.0	0.2	30.0
FOSA		103.0	70.0	130.0	6.8	30.0
11CL-PF3OUdS		96.2	70.0	130.0	3.0	30.0
PFTeDA		98.8	70.0	130.0	3.7	30.0
PFDOS		91.2	70.0	130.0	3.6	30.0
NMeFOSE		93.0	70.0	130.0	0.4	30.0
NMeFOSAM		98.8	70.0	130.0	8.2	30.0
NEtFOSE		96.0	70.0	130.0	1.0	30.0
NEtFOSAM		111.8	70.0	130.0	17.3	30.0

Matrix Spike (MS)

Lab Sample ID: SE260320.8524608M, Parent Sample ID: S85246.07

Run in Batch: SE260320, Run Date: 03/20/2026 18:05, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.05

Analyte	Flags	% Rec	LCL	UCL
PFBA		106.8	70.0	130.0
PFPeA		96.1	70.0	130.0
4:2 FTSA		93.2	70.0	130.0
PFHxA		95.1	70.0	130.0
PFBS		105.0	70.0	130.0
PFHpA		97.1	70.0	130.0
PFPeS		106.8	70.0	130.0
6:2 FTSA		87.4	70.0	130.0
PFOA		77.4	70.0	130.0
PFHxS		94.5	70.0	130.0
PFNA		83.5	70.0	130.0
8:2 FTSA		88.3	70.0	130.0
PFHpS		116.5	70.0	130.0
PFDA		95.1	70.0	130.0
N-MeFOSAA		106.8	70.0	130.0
EtFOSAA		91.3	70.0	130.0
PFOS		105.8	70.0	130.0
PFUnDA		97.1	70.0	130.0
PFNS		106.8	70.0	130.0
PFDODA		94.2	70.0	130.0
PFDS		97.1	70.0	130.0
PFTTrDA		97.1	70.0	130.0
FOSA		106.8	70.0	130.0
PFTeDA		106.8	70.0	130.0
11CL-PF3OUdS		106.8	70.0	130.0
9CL-PF3ONS		97.1	70.0	130.0
ADONA		91.3	70.0	130.0
HFPO-DA		106.8	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Matrix Spike Duplicate (MSD)

Lab Sample ID: SE260320.8524609N, Parent Sample ID: SE260320.8524608M

Run in Batch: SE260320, Run Date: 03/20/2026 18:25, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.03

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFBA		117.6	70.0	130.0	8.7	30.0
PFPeA		97.1	70.0	130.0	0.0	30.0
4:2 FTSA		107.8	70.0	130.0	13.6	30.0
PFHxA		96.1	70.0	130.0	0.0	30.0
PFBS		96.3	70.0	130.0	9.5	30.0
PFHpA		96.1	70.0	130.0	2.0	30.0
PFPeS		107.8	70.0	130.0	0.0	30.0
6:2 FTSA		94.1	70.0	130.0	6.5	30.0
PFOA		84.0	70.0	130.0	7.1	30.0
PFHxS		105.2	70.0	130.0	9.5	30.0
PFNA		96.1	70.0	130.0	13.0	30.0
8:2 FTSA		107.8	70.0	130.0	18.9	30.0
PFHpS		117.6	70.0	130.0	0.0	30.0
PFDA		94.1	70.0	130.0	2.1	30.0
N-MeFOSAA		98.0	70.0	130.0	9.5	30.0
EtFOSAA		95.1	70.0	130.0	3.1	30.0
PFOS		106.9	70.0	130.0	0.0	30.0
PFUnDA		94.1	70.0	130.0	4.1	30.0
PFNS		107.8	70.0	130.0	0.0	30.0
PFDoDA		95.1	70.0	130.0	0.0	30.0
PFDS		97.1	70.0	130.0	1.0	30.0
PFTTrDA		98.0	70.0	130.0	0.0	30.0
FOSA		107.8	70.0	130.0	0.0	30.0
PFTeDA		98.0	70.0	130.0	9.5	30.0
11CL-PF3OUdS		98.0	70.0	130.0	9.5	30.0
9CL-PF3ONS		93.1	70.0	130.0	5.1	30.0
ADONA		88.2	70.0	130.0	4.3	30.0
HFPO-DA		107.8	70.0	130.0	0.0	30.0

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME Rodney Abke			CONTACT NAME Julie McMahan			☐ SAME		
COMPANY Applied EcoSystems			COMPANY Revitalizing Auto Communities Environmental Response (RACER) Trust					
ADDRESS G-4300 South Saginaw Street			ADDRESS					
CITY Burton		STATE MI	ZIP CODE 48529		CITY		STATE	ZIP CODE
PHONE NO. 810-715-2525		FAX NO. 810-715-2526		P.O. NO. PO110793**		PHONE NO. 313-486-2908		E-MAIL ADDRESS jmcman@racertrust.org
E-MAIL ADDRESS rabke@appliedecosystems.com			QUOTE NO.			ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)		

[illegible]

RELINQUISHED BY: SIGNATURE/ORGANIZATION	<i>Samuel Newman</i> DE	☒ Sampler	DATE <i>9/14</i> TIME	RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	<i>Dyson</i>		DATE <i>3/17</i> TIME <i>13.4</i>	RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RELINQUISHED BY: SIGNATURE/ORGANIZATION	<i>Dyson</i>		DATE <i>3/18</i> TIME <i>15.3</i>	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES: TEMP. ON ARRIVAL <i>2.7</i>
RECEIVED BY: SIGNATURE/ORGANIZATION	<i>DE</i>		DATE <i>3/17</i> TIME <i>13.4</i>	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE



Analytical Laboratory Report

Report ID: S85245.01(01)
Generated on 03/23/2026

Report to
Attention: Rodney Abke
Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525 FAX:
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Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary
Lab Sample ID(s): S85245.01-S85245.11
Project: RACER Flint West #12990
Collected Date(s): 03/18/2026
Submitted Date/Time: 03/18/2026 16:00
Sampled by: Hannah Neumann
P.O. #: PO110793-TASK6

Table of Contents

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Maya Murshak
Technical Director



Analytical Laboratory Report

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Starred (*) analytes are not NY NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.

For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

There is no additional narrative for this analytical report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
o	Associated EIS outside of control limits
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
q	Qualifier ion ratio outside of control limits
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Analytical Laboratory Report

Method Summary

Method	Version
E200.8	EPA Method 200.8 Revision 5.4
N/A	Not Applicable
SM3500-Cr B	Standard Method 3500 Cr B 2020
SW3015A	SW 846 Method 3015A Revision 1 February 2007
SW5030C/8260C	SW 846 Method 8260C Revision 3 August 2006 / 5030C Revision 3 May 2003



Analytical Laboratory Report

Sample Summary (11 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S85245.01	MW-106SR-20260318	Liquid	03/18/26 09:50
S85245.02	MW-110S-20260318	Liquid	03/18/26 11:18
S85245.03	MW-114S-20260318	Liquid	03/18/26 12:50
S85245.04	MW-108S-20260318	Liquid	03/18/26 12:00
S85245.05	Dup-1-20260318	Liquid	03/18/26 00:01
S85245.06	MW-117S-20260318	Liquid	03/18/26 13:40
S85245.07	MW-103S-20260318	Liquid	03/18/26 14:26
S85245.08	MS (MW-103S-20260318)	Liquid	03/18/26 14:22
S85245.09	MSD (MW-103S-20260318)	Liquid	03/18/26 14:20
S85245.10	FB-2-20260318	Liquid	03/18/26 13:56
S85245.11	EB-2-20260318	Liquid	03/18/26 14:30



Analytical Laboratory Report

Lab Sample ID: S85245.01

Sample Tag: MW-106SR-20260318

Collected Date/Time: 03/18/2026 09:50

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
3	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 16:30, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:20, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium	140	1.0	0.150	mg/L	1000	7440-47-3	

Method: E200.8, Run Date: 03/23/26 15:08, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	0.001154	0.005	0.000750	mg/L	5	7440-47-3	b
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:10, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	0.025	0.002	0.00145	mg/L	5	7440-38-2	
Copper	1.11	0.005	0.000800	mg/L	5	7440-50-8	
Lead	0.018	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	0.009	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	0.218	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 02:45, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	

b-Value detected less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.01 (continued)

Sample Tag: MW-106SR-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 02:45, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	Not detected	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S85245.01 (continued)
Sample Tag: MW-106SR-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 02:45, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85245.02

Sample Tag: MW-110S-20260318

Collected Date/Time: 03/18/2026 11:18

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
3	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 16:40, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 17:40, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:00, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	0.009	0.005	0.000750	mg/L	5	7440-47-3	
Copper	0.002420	0.005	0.000800	mg/L	5	7440-50-8	b
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	0.015	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:01, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	0.001430	0.005	0.000800	mg/L	5	7440-50-8	b
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	0.012	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 03:08, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	

b-Value detected less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.02 (continued)

Sample Tag: MW-110S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 03:08, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	Not detected	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S85245.02 (continued)
Sample Tag: MW-110S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 03:08, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85245.03

Sample Tag: MW-114S-20260318

Collected Date/Time: 03/18/2026 12:50

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
3	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 16:50, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 17:45, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:03, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	0.009	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	0.001617	0.005	0.000750	mg/L	5	7440-47-3	b
Copper	0.003021	0.005	0.000800	mg/L	5	7440-50-8	b
Lead	0.001877	0.003	0.000450	mg/L	5	7439-92-1	b
Selenium	0.006	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	0.054	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:04, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	0.002	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	0.001385	0.005	0.000800	mg/L	5	7440-50-8	b
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	0.005	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	0.033	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 03:32, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	

b-Value detected less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.03 (continued)

Sample Tag: MW-114S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 03:32, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	0.31	1	0.22	ug/L	1	75-01-4	J
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	0.16	1	0.14	ug/L	1	75-34-3	J
cis-1,2-Dichloroethene	7	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	31	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.03 (continued)
Sample Tag: MW-114S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 03:32, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85245.04

Sample Tag: MW-108S-20260318

Collected Date/Time: 03/18/2026 12:00

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
3	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:00	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 16:55, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 17:50, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:05, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper	0.000801	0.005	0.000800	mg/L	5	7440-50-8	b
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	0.006	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	0.003328	0.005	0.00325	mg/L	5	7440-66-6	b

Method: E200.8, Run Date: 03/23/26 15:07, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 03:55, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	

b-Value detected less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.04 (continued)

Sample Tag: MW-108S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 03:55, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	0.71	1	0.13	ug/L	1	67-66-3	J
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	2	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	0.15	1	0.14	ug/L	1	79-01-6	J
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.04 (continued)
Sample Tag: MW-108S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 03:55, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85245.05

Sample Tag: Dup-1-20260318

Collected Date/Time: 03/18/2026 00:01

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
3	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 17:00, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 17:55, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:33, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	0.008	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	0.001563	0.005	0.000750	mg/L	5	7440-47-3	b
Copper	0.002694	0.005	0.000800	mg/L	5	7440-50-8	b
Lead	0.001704	0.003	0.000450	mg/L	5	7439-92-1	b
Selenium	0.006	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	0.049	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:34, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	0.001886	0.002	0.00145	mg/L	5	7440-38-2	b
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	0.004921	0.005	0.00435	mg/L	5	7782-49-2	b
Zinc, Dissolved	0.030	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 04:19, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	

b-Value detected less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.05 (continued)

Sample Tag: Dup-1-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 04:19, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	0.39	1	0.22	ug/L	1	75-01-4	J
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	0.22	1	0.14	ug/L	1	75-34-3	J
cis-1,2-Dichloroethene	8	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	35	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.05 (continued)

Sample Tag: Dup-1-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 04:19, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85245.06

Sample Tag: MW-117S-20260318

Collected Date/Time: 03/18/2026 13:40

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
3	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 17:05, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 18:00, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:36, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	1.16	0.005	0.000750	mg/L	5	7440-47-3	
Copper	0.047	0.005	0.000800	mg/L	5	7440-50-8	
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:38, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 04:43, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	



Analytical Laboratory Report

Lab Sample ID: S85245.06 (continued)

Sample Tag: MW-117S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 04:43, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	0.18	1	0.13	ug/L	1	67-66-3	J
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	0.20	1	0.14	ug/L	1	79-01-6	J
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.06 (continued)
Sample Tag: MW-117S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 04:43, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85245.07

Sample Tag: MW-103S-20260318

Collected Date/Time: 03/18/2026 14:26

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
3	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 17:10, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 18:05, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:39, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	0.005	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:41, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 05:06, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	



Analytical Laboratory Report

Lab Sample ID: S85245.07 (continued)

Sample Tag: MW-103S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 05:06, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	Not detected	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	Not detected	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	



Analytical Laboratory Report

Lab Sample ID: S85245.07 (continued)
Sample Tag: MW-103S-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 05:06, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85245.08

Sample Tag: MS (MW-103S-20260318)

Collected Date/Time: 03/18/2026 14:22

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
3	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 17:15, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 18:10, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:47, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	0.251	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	0.245	0.005	0.000750	mg/L	5	7440-47-3	
Copper	0.232	0.005	0.000800	mg/L	5	7440-50-8	
Lead	0.237	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	0.235	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	0.239	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:51, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	0.249	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	0.237	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	0.224	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	0.238	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	0.245	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	0.233	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/19/26 23:59, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	51	10	0.33	ug/L	1	60-29-7	1
Acetone	49.1	50	8.9	ug/L	1	67-64-1	1J
Methyl iodide	65	1	0.25	ug/L	1	74-88-4	1

1-Spiked at 50 ug/L

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.08 (continued)

Sample Tag: MS (MW-103S-20260318)

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/19/26 23:59, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Carbon disulfide	55	5	0.57	ug/L	1	75-15-0	1
tert-Methyl butyl ether (MTBE)	50	5	0.12	ug/L	1	1634-04-4	1
Acrylonitrile	49	2	0.48	ug/L	1	107-13-1	1
2-Butanone (MEK)	46	25	4.7	ug/L	1	78-93-3	1
Dichlorodifluoromethane	56	5	0.35	ug/L	1	75-71-8	1
Chloromethane	53	5	0.78	ug/L	1	74-87-3	1
Vinyl chloride	52	1	0.22	ug/L	1	75-01-4	1
Bromomethane	53	5	0.24	ug/L	1	74-83-9	1
Chloroethane	50	5	0.37	ug/L	1	75-00-3	1
Trichlorofluoromethane	53	1	0.21	ug/L	1	75-69-4	1
1,1-Dichloroethene	52	1	0.28	ug/L	1	75-35-4	1
Methylene chloride	51	5	0.24	ug/L	1	75-09-2	1
trans-1,2-Dichloroethene	53	1	0.17	ug/L	1	156-60-5	1
1,1-Dichloroethane	53	1	0.14	ug/L	1	75-34-3	1
cis-1,2-Dichloroethene	53	1	0.15	ug/L	1	156-59-2	1
Tetrahydrofuran	49.5	90	4.2	ug/L	1	109-99-9	1J
Chloroform	52	1	0.13	ug/L	1	67-66-3	1
Bromochloromethane	52	1	0.17	ug/L	1	74-97-5	1
1,1,1-Trichloroethane	53	1	0.21	ug/L	1	71-55-6	1
4-Methyl-2-pentanone (MIBK)	50	50	0.35	ug/L	1	108-10-1	1
2-Hexanone	51	50	0.61	ug/L	1	591-78-6	1
Carbon tetrachloride	55	1	0.17	ug/L	1	56-23-5	1
Benzene	53	1	0.14	ug/L	1	71-43-2	1
1,2-Dichloroethane	50	1	0.12	ug/L	1	107-06-2	1
Trichloroethene	54	1	0.14	ug/L	1	79-01-6	1
1,2-Dichloropropane	53	1	0.16	ug/L	1	78-87-5	1
Bromodichloromethane	54	1	0.29	ug/L	1	75-27-4	1
Dibromomethane	54	5	0.16	ug/L	1	74-95-3	1
cis-1,3-Dichloropropene	54	1	0.19	ug/L	1	10061-01-5	1
Toluene	53	1	0.13	ug/L	1	108-88-3	1
trans-1,3-Dichloropropene	54	1	0.19	ug/L	1	10061-02-6	1
1,1,2-Trichloroethane	53	1	0.21	ug/L	1	79-00-5	1
Tetrachloroethene	54	1	0.19	ug/L	1	127-18-4	1
trans-1,4-Dichloro-2-butene	37	1	0.49	ug/L	1	110-57-6	1
Dibromochloromethane	55	5	0.22	ug/L	1	124-48-1	1
1,2-Dibromoethane	54	1	0.20	ug/L	1	106-93-4	1
Chlorobenzene	54	1	0.13	ug/L	1	108-90-7	1
1,1,1,2-Tetrachloroethane	54	1	0.17	ug/L	1	630-20-6	1
Ethylbenzene	53	1	0.15	ug/L	1	100-41-4	1
p,m-Xylene	106	2	0.33	ug/L	1	179601-23-1	1
o-Xylene	51	1	0.19	ug/L	1	95-47-6	1
Styrene	52	1	0.16	ug/L	1	100-42-5	1
Isopropylbenzene	53	5	0.17	ug/L	1	98-82-8	1
Bromoform	52	1	0.17	ug/L	1	75-25-2	1
1,1,2,2-Tetrachloroethane	53	1	0.22	ug/L	1	79-34-5	1
1,2,3-Trichloropropane	51	1	0.30	ug/L	1	96-18-4	1
n-Propylbenzene	53	1	0.22	ug/L	1	103-65-1	1
Bromobenzene	54	1	0.19	ug/L	1	108-86-1	1

1-Spiked at 50 ug/L

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.08 (continued)
Sample Tag: MS (MW-103S-20260318)

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/19/26 23:59, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,3,5-Trimethylbenzene	53	1	0.22	ug/L	1	108-67-8	1
tert-Butylbenzene	52	1	0.23	ug/L	1	98-06-6	1
1,2,4-Trimethylbenzene	52	1	0.26	ug/L	1	95-63-6	1
sec-Butylbenzene	55	1	0.24	ug/L	1	135-98-8	1
p-Isopropyltoluene	55	5	0.24	ug/L	1	99-87-6	1
1,3-Dichlorobenzene	54	1	0.18	ug/L	1	541-73-1	1
1,4-Dichlorobenzene	55	1	0.16	ug/L	1	106-46-7	1
1,2-Dichlorobenzene	55	1	0.13	ug/L	1	95-50-1	1
1,2,3-Trimethylbenzene	53	1	0.16	ug/L	1	526-73-8	1
n-Butylbenzene	57	1	0.49	ug/L	1	104-51-8	1
Hexachloroethane	59	5	0.29	ug/L	1	67-72-1	1
1,2-Dibromo-3-chloropropane	56	5	0.29	ug/L	1	96-12-8	1
1,2,4-Trichlorobenzene	62	5	0.45	ug/L	1	120-82-1	1
1,2,3-Trichlorobenzene	63	5	0.42	ug/L	1	87-61-6	1
Naphthalene	60	5	0.48	ug/L	1	91-20-3	1
2-Methylnaphthalene	59	5	0.87	ug/L	1	91-57-6	1

1-Spiked at 50 ug/L



Analytical Laboratory Report

Lab Sample ID: S85245.09

Sample Tag: MSD (MW-103S-20260318)

Collected Date/Time: 03/18/2026 14:20

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
3	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 17:20, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 18:15, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:48, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	0.269	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	0.250	0.005	0.000750	mg/L	5	7440-47-3	
Copper	0.244	0.005	0.000800	mg/L	5	7440-50-8	
Lead	0.250	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	0.248	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	0.249	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:52, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	0.260	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	0.246	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	0.231	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	0.244	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	0.248	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	0.243	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 00:23, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	50	10	0.33	ug/L	1	60-29-7	1
Acetone	48.7	50	8.9	ug/L	1	67-64-1	1J
Methyl iodide	66	1	0.25	ug/L	1	74-88-4	1

1-Spiked at 50 ug/L

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.09 (continued)

Sample Tag: MSD (MW-103S-20260318)

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 00:23, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Carbon disulfide	53	5	0.57	ug/L	1	75-15-0	1
tert-Methyl butyl ether (MTBE)	50	5	0.12	ug/L	1	1634-04-4	1
Acrylonitrile	50	2	0.48	ug/L	1	107-13-1	1
2-Butanone (MEK)	47	25	4.7	ug/L	1	78-93-3	1
Dichlorodifluoromethane	54	5	0.35	ug/L	1	75-71-8	1
Chloromethane	51	5	0.78	ug/L	1	74-87-3	1
Vinyl chloride	50	1	0.22	ug/L	1	75-01-4	1
Bromomethane	56	5	0.24	ug/L	1	74-83-9	1
Chloroethane	50	5	0.37	ug/L	1	75-00-3	1
Trichlorofluoromethane	51	1	0.21	ug/L	1	75-69-4	1
1,1-Dichloroethene	50	1	0.28	ug/L	1	75-35-4	1
Methylene chloride	50	5	0.24	ug/L	1	75-09-2	1
trans-1,2-Dichloroethene	52	1	0.17	ug/L	1	156-60-5	1
1,1-Dichloroethane	51	1	0.14	ug/L	1	75-34-3	1
cis-1,2-Dichloroethene	52	1	0.15	ug/L	1	156-59-2	1
Tetrahydrofuran	50.1	90	4.2	ug/L	1	109-99-9	1J
Chloroform	51	1	0.13	ug/L	1	67-66-3	1
Bromochloromethane	52	1	0.17	ug/L	1	74-97-5	1
1,1,1-Trichloroethane	51	1	0.21	ug/L	1	71-55-6	1
4-Methyl-2-pentanone (MIBK)	51	50	0.35	ug/L	1	108-10-1	1
2-Hexanone	52	50	0.61	ug/L	1	591-78-6	1
Carbon tetrachloride	54	1	0.17	ug/L	1	56-23-5	1
Benzene	52	1	0.14	ug/L	1	71-43-2	1
1,2-Dichloroethane	50	1	0.12	ug/L	1	107-06-2	1
Trichloroethene	52	1	0.14	ug/L	1	79-01-6	1
1,2-Dichloropropane	52	1	0.16	ug/L	1	78-87-5	1
Bromodichloromethane	53	1	0.29	ug/L	1	75-27-4	1
Dibromomethane	54	5	0.16	ug/L	1	74-95-3	1
cis-1,3-Dichloropropene	54	1	0.19	ug/L	1	10061-01-5	1
Toluene	52	1	0.13	ug/L	1	108-88-3	1
trans-1,3-Dichloropropene	54	1	0.19	ug/L	1	10061-02-6	1
1,1,2-Trichloroethane	52	1	0.21	ug/L	1	79-00-5	1
Tetrachloroethene	53	1	0.19	ug/L	1	127-18-4	1
trans-1,4-Dichloro-2-butene	39	1	0.49	ug/L	1	110-57-6	1
Dibromochloromethane	54	5	0.22	ug/L	1	124-48-1	1
1,2-Dibromoethane	54	1	0.20	ug/L	1	106-93-4	1
Chlorobenzene	54	1	0.13	ug/L	1	108-90-7	1
1,1,1,2-Tetrachloroethane	53	1	0.17	ug/L	1	630-20-6	1
Ethylbenzene	52	1	0.15	ug/L	1	100-41-4	1
p,m-Xylene	103	2	0.33	ug/L	1	179601-23-1	1
o-Xylene	50	1	0.19	ug/L	1	95-47-6	1
Styrene	51	1	0.16	ug/L	1	100-42-5	1
Isopropylbenzene	52	5	0.17	ug/L	1	98-82-8	1
Bromoform	53	1	0.17	ug/L	1	75-25-2	1
1,1,2,2-Tetrachloroethane	53	1	0.22	ug/L	1	79-34-5	1
1,2,3-Trichloropropane	50	1	0.30	ug/L	1	96-18-4	1
n-Propylbenzene	52	1	0.22	ug/L	1	103-65-1	1
Bromobenzene	52	1	0.19	ug/L	1	108-86-1	1

1-Spiked at 50 ug/L

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85245.09 (continued)
Sample Tag: MSD (MW-103S-20260318)

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 00:23, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,3,5-Trimethylbenzene	50	1	0.22	ug/L	1	108-67-8	1
tert-Butylbenzene	50	1	0.23	ug/L	1	98-06-6	1
1,2,4-Trimethylbenzene	51	1	0.26	ug/L	1	95-63-6	1
sec-Butylbenzene	53	1	0.24	ug/L	1	135-98-8	1
p-Isopropyltoluene	52	5	0.24	ug/L	1	99-87-6	1
1,3-Dichlorobenzene	53	1	0.18	ug/L	1	541-73-1	1
1,4-Dichlorobenzene	53	1	0.16	ug/L	1	106-46-7	1
1,2-Dichlorobenzene	53	1	0.13	ug/L	1	95-50-1	1
1,2,3-Trimethylbenzene	51	1	0.16	ug/L	1	526-73-8	1
n-Butylbenzene	54	1	0.49	ug/L	1	104-51-8	1
Hexachloroethane	55	5	0.29	ug/L	1	67-72-1	1
1,2-Dibromo-3-chloropropane	56	5	0.29	ug/L	1	96-12-8	1
1,2,4-Trichlorobenzene	58	5	0.45	ug/L	1	120-82-1	1
1,2,3-Trichlorobenzene	59	5	0.42	ug/L	1	87-61-6	1
Naphthalene	58	5	0.48	ug/L	1	91-20-3	1
2-Methylnaphthalene	58	5	0.87	ug/L	1	91-57-6	1

1-Spiked at 50 ug/L



Analytical Laboratory Report

Lab Sample ID: S85245.10

Sample Tag: FB-2-20260318

Collected Date/Time: 03/18/2026 13:56

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
2	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 17:25, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 18:20, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:42, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:43, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 01:57, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	



Analytical Laboratory Report

Lab Sample ID: S85245.10 (continued)

Sample Tag: FB-2-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 01:57, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	1	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	Not detected	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	



Analytical Laboratory Report

Lab Sample ID: S85245.10 (continued)
Sample Tag: FB-2-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 01:57, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	



Analytical Laboratory Report

Lab Sample ID: S85245.11

Sample Tag: EB-2-20260318

Collected Date/Time: 03/18/2026 14:30

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	125mL Plastic	None	Yes	3.0	IR
1	40mL Glass	HCL	Yes	3.0	IR
1	125mL Plastic	HNO3	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
pH check for VOCs*	<2	N/A	03/20/26 11:40	NDK	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	
Metal Digestion	Completed	SW3015A	03/23/26 13:45	CCM	

Inorganics

Method: SM3500-Cr B, Run Date: 03/18/26 17:30, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI, Dissolved*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Method: SM3500-Cr B, Run Date: 03/18/26 18:25, Analyst: JKB

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Chromium VI*	Not detected	0.01	0.009	mg/L	1	18540-29-9	

Metals

Method: E200.8, Run Date: 03/23/26 15:44, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Method: E200.8, Run Date: 03/23/26 15:45, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic, Dissolved	Not detected	0.002	0.00145	mg/L	5	7440-38-2	
Chromium, Dissolved	Not detected	0.005	0.000750	mg/L	5	7440-47-3	
Copper, Dissolved	Not detected	0.005	0.000800	mg/L	5	7440-50-8	
Lead, Dissolved	Not detected	0.003	0.000450	mg/L	5	7439-92-1	
Selenium, Dissolved	Not detected	0.005	0.00435	mg/L	5	7782-49-2	
Zinc, Dissolved	Not detected	0.005	0.00325	mg/L	5	7440-66-6	

Organics - Volatiles

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 02:21, Analyst: ACK

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	10	0.33	ug/L	1	60-29-7	
Acetone	Not detected	50	8.9	ug/L	1	67-64-1	
Methyl iodide	Not detected	1	0.25	ug/L	1	74-88-4	
Carbon disulfide	Not detected	5	0.57	ug/L	1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	5	0.12	ug/L	1	1634-04-4	



Analytical Laboratory Report

Lab Sample ID: S85245.11 (continued)

Sample Tag: EB-2-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 02:21, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acrylonitrile	Not detected	2	0.48	ug/L	1	107-13-1	
2-Butanone (MEK)	Not detected	25	4.7	ug/L	1	78-93-3	
Dichlorodifluoromethane	Not detected	5	0.35	ug/L	1	75-71-8	
Chloromethane	Not detected	5	0.78	ug/L	1	74-87-3	
Vinyl chloride	Not detected	1	0.22	ug/L	1	75-01-4	
Bromomethane	Not detected	5	0.24	ug/L	1	74-83-9	
Chloroethane	Not detected	5	0.37	ug/L	1	75-00-3	
Trichlorofluoromethane	Not detected	1	0.21	ug/L	1	75-69-4	
1,1-Dichloroethene	Not detected	1	0.28	ug/L	1	75-35-4	
Methylene chloride	Not detected	5	0.24	ug/L	1	75-09-2	
trans-1,2-Dichloroethene	Not detected	1	0.17	ug/L	1	156-60-5	
1,1-Dichloroethane	Not detected	1	0.14	ug/L	1	75-34-3	
cis-1,2-Dichloroethene	Not detected	1	0.15	ug/L	1	156-59-2	
Tetrahydrofuran	Not detected	90	4.2	ug/L	1	109-99-9	
Chloroform	1	1	0.13	ug/L	1	67-66-3	
Bromochloromethane	Not detected	1	0.17	ug/L	1	74-97-5	
1,1,1-Trichloroethane	Not detected	1	0.21	ug/L	1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	50	0.35	ug/L	1	108-10-1	
2-Hexanone	Not detected	50	0.61	ug/L	1	591-78-6	
Carbon tetrachloride	Not detected	1	0.17	ug/L	1	56-23-5	
Benzene	Not detected	1	0.14	ug/L	1	71-43-2	
1,2-Dichloroethane	Not detected	1	0.12	ug/L	1	107-06-2	
Trichloroethene	Not detected	1	0.14	ug/L	1	79-01-6	
1,2-Dichloropropane	Not detected	1	0.16	ug/L	1	78-87-5	
Bromodichloromethane	Not detected	1	0.29	ug/L	1	75-27-4	
Dibromomethane	Not detected	5	0.16	ug/L	1	74-95-3	
cis-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-01-5	
Toluene	Not detected	1	0.13	ug/L	1	108-88-3	
trans-1,3-Dichloropropene	Not detected	1	0.19	ug/L	1	10061-02-6	
1,1,2-Trichloroethane	Not detected	1	0.21	ug/L	1	79-00-5	
Tetrachloroethene	Not detected	1	0.19	ug/L	1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	1	0.49	ug/L	1	110-57-6	
Dibromochloromethane	Not detected	5	0.22	ug/L	1	124-48-1	
1,2-Dibromoethane	Not detected	1	0.20	ug/L	1	106-93-4	
Chlorobenzene	Not detected	1	0.13	ug/L	1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	1	0.17	ug/L	1	630-20-6	
Ethylbenzene	Not detected	1	0.15	ug/L	1	100-41-4	
p,m-Xylene	Not detected	2	0.33	ug/L	1	179601-23-1	
o-Xylene	Not detected	1	0.19	ug/L	1	95-47-6	
Styrene	Not detected	1	0.16	ug/L	1	100-42-5	
Isopropylbenzene	Not detected	5	0.17	ug/L	1	98-82-8	
Bromoform	Not detected	1	0.17	ug/L	1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	1	0.22	ug/L	1	79-34-5	
1,2,3-Trichloropropane	Not detected	1	0.30	ug/L	1	96-18-4	
n-Propylbenzene	Not detected	1	0.22	ug/L	1	103-65-1	
Bromobenzene	Not detected	1	0.19	ug/L	1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	1	0.22	ug/L	1	108-67-8	
tert-Butylbenzene	Not detected	1	0.23	ug/L	1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	1	0.26	ug/L	1	95-63-6	
sec-Butylbenzene	Not detected	1	0.24	ug/L	1	135-98-8	



Analytical Laboratory Report

Lab Sample ID: S85245.11 (continued)
Sample Tag: EB-2-20260318

Volatile Organics - DEQ List, Method: SW5030C/8260C, Run Date: 03/20/26 02:21, Analyst: ACK (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
p-Isopropyltoluene	Not detected	5	0.24	ug/L	1	99-87-6	
1,3-Dichlorobenzene	Not detected	1	0.18	ug/L	1	541-73-1	
1,4-Dichlorobenzene	Not detected	1	0.16	ug/L	1	106-46-7	
1,2-Dichlorobenzene	Not detected	1	0.13	ug/L	1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	1	0.16	ug/L	1	526-73-8	
n-Butylbenzene	Not detected	1	0.49	ug/L	1	104-51-8	
Hexachloroethane	Not detected	5	0.29	ug/L	1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	5	0.29	ug/L	1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	5	0.45	ug/L	1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	5	0.42	ug/L	1	87-61-6	
Naphthalene	Not detected	5	0.48	ug/L	1	91-20-3	
2-Methylnaphthalene	Not detected	5	0.87	ug/L	1	91-57-6	

Merit Laboratories Login Checklist

Lab Set ID:S85245

Client:APPLIED (Applied Ecosystems)

Project: RACER Flint West #12990

Submitted:03/18/2026 16:00 Login User: MMC

Attention: Rodney Abke

Address: Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525

FAX:

Email: rabke@appliedecosystems.com

Selection	Description	Note
Sample Receiving		
01.	☒ Yes ☐ No ☐ N/A	Samples are received at 4C +/- 2C Thermometer # IR 3.0
02.	☒ Yes ☐ No ☐ N/A	Received on ice/ cooling process begun
03.	☐ Yes ☒ No ☐ N/A	Samples shipped
04.	☐ Yes ☒ No ☐ N/A	Samples left in 24 hr. drop box
05.	☐ Yes ☐ No ☒ N/A	Are there custody seals/tape or is the drop box locked
Chain of Custody		
06.	☒ Yes ☐ No ☐ N/A	COC adequately filled out
07.	☒ Yes ☐ No ☐ N/A	COC signed and relinquished to the lab
08.	☒ Yes ☐ No ☐ N/A	Sample tag on bottles match COC
09.	☐ Yes ☒ No ☐ N/A	Subcontracting needed? Subcontacted to:
Preservation		
10.	☒ Yes ☐ No ☐ N/A	Do sample have correct chemical preservation
11.	☒ Yes ☐ No ☐ N/A	Completed pH checks on preserved samples? (no VOAs)
12.	☐ Yes ☒ No ☐ N/A	Did any samples need to be preserved in the lab?
Bottle Conditions		
13.	☒ Yes ☐ No ☐ N/A	All bottles intact
14.	☒ Yes ☐ No ☐ N/A	Appropriate analytical bottles are used
15.	☒ Yes ☐ No ☐ N/A	Merit bottles used
16.	☒ Yes ☐ No ☐ N/A	Sufficient sample volume received
17.	☐ Yes ☒ No ☐ N/A	Samples require laboratory filtration
18.	☒ Yes ☐ No ☐ N/A	Samples submitted within holding time
19.	☐ Yes ☒ No ☐ N/A	Do water VOC, TOX, DO or Alkalinity bottles contain

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

Merit Laboratories Bottle Preservation Check

Lab Set ID: S85245 Submitted: 03/18/2026 16:00

Client: APPLIED (Applied Ecosystems)

Project: RACER Flint West #12990

Initial Preservation Check: 03/18/2026 16:17 MMC

Preservation Recheck (E200.8): N/A

Attention: Rodney Abke

Address: Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525

FAX:

Email: rabke@appliedecosystems.com

Sample ID	Bottle / Preservation	pH (Orig)	Add ml	pH (New)	Notes
S85245.01	125mL Plastic HNO3	<2			
S85245.02	125mL Plastic HNO3	<2			
S85245.03	125mL Plastic HNO3	<2			
S85245.04	125mL Plastic HNO3	<2			
S85245.05	125mL Plastic HNO3	<2			
S85245.06	125mL Plastic HNO3	<2			
S85245.07	125mL Plastic HNO3	<2			
S85245.08	125mL Plastic HNO3	<2			
S85245.09	125mL Plastic HNO3	<2			
S85245.10	125mL Plastic HNO3	<2			
S85245.11	125mL Plastic HNO3	<2			



2680 East Lansing Dr., East Lansing, MI 48823
Phone (517) 332-0167 Fax (517) 332-4034
www.meritlabs.com

C.O.C. PAGE # _____ OF _____

186047

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME Redney Able	
COMPANY Applied Ecosystems	
ADDRESS G-4300 South Saginaw Street	
CITY Burton	STATE MI ZIP CODE 48529
PHONE NO. 810 715 2525	CELL NO. 810 715 2526
E-MAIL ADDRESS rabable@appliedecosystems.com	QUOTE NO. PO110734

CONTACT NAME Julie McMahan		☐ SAME
COMPANY Revitalizing Auto Communities Env Response		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE NO. 313 486 2908	E-MAIL ADDRESS jmcmaahan@racertrust.org	

PROJECT NO./NAME RACER Flint West #12990	SAMPLER(S) - PLEASE PRINT/SIGN NAME Hannah Neumann A/E
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER	
DELIVERABLES REQUIRED ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☒ OTHER 16 MDLs	

MATRIX W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID CODE: SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIFE A=AIR WS=WASTE	# Containers & Preservatives
--	------------------------------

MERIT LAB NO. FOR LAB USE ONLY	COLLECTION		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	OTHER	VOC Metals Nut PFA										☐ Other _____		
	DATE	TIME											Special Instructions												
5245/ 85246	01	3/18 9:50	MW-106SR-20260318		8		X		X				X	X	X	X									Metals include
	02	3/18 11:18	MW-110S-20260318		8		X		X				X	X	X	X									As, Cr-total, Cr-hex
	03	3/18 12:50	MW-114S-20260318		8		X		X				X	X	X	X									Cu, Pb, Se, Zn
	04	3/18 12:00	MW-108S-20260318		8		X		X				X	X	X	X									
	05	3/18 -	Dup-1-20260318		8		X		X				X	X	X	X									Samples for dissolved
	06	3/18 13:40	MW-117S-20260318		8		X		X				X	X	X	X									metals analyses
	07	3/18 14:26	MW-103S-20260318		8		X		X				X	X	X	X									require lab
	08	3/18 14:22	MS (MW-103S-20260318)		8		X		X				X	X	X	X									filtering
	09	3/18 14:20	MSD (MW-103S-20260318)		8		X		X				X	X	X	X									
	10	3/18 13:56	FB-2-20260318		8		X		X				X	X	X	X									* Include Task 6
	11	3/18 14:30	FB-2-20260318		8		X		X				X	X	X	X									on bill + Task
																									37 on bill

RELINQUISHED BY: Hannah Neumann A/E	DATE 3/18/18 TIME 15:00
SIGNATURE/ORGANIZATION	
RECEIVED BY: J. Neumann	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	
RELINQUISHED BY: J. Neumann	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	
RECEIVED BY: M. Chilcote	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	

RELINQUISHED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
RECEIVED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
TEMP. ON ARRIVAL ☒ ICE (SOLID) ☐ BLUE ICE 3.0		
☐ ICE (MELTED) ☐ NONE		



Quality Control Report

Report ID: QC-S85245-01

Generated on 04/01/2026

Report to

Attention: Rodney Abke
Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525 FAX:

Report Produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S85245.01-S85245.11

Project: RACER Flint West #12990

Submitted Date/Time: 03/18/2026 16:00

Sampled by: Hannah Neumann

P.O. #: PO110793-TASK6

QC Report Sections

Cover Page (Page 1)

Analysis Summary (Pages 2-12)

Prep Batch Summary (Pages 13-16)

Surrogates per Lab Sample (Pages 17-25)

Surrogates per QC Sample (Page 26)

Batch QC Results (Pages 27-39)

Report Flag Descriptions

*: QC result is outside of indicated control limits

W: Surrogate result not applicable due to sample dilution

I certify that this data package is in compliance with the terms and conditions of the program, and project, and contractual requirements both technically and for completeness. Release of the data contained in this hardcopy data package and its computer-readable data submitted has been authorized by the Quality Assurance Manager and his/her designee, as verified by the following signature.

Barbara Ball
Quality Assurance Manager

QC Report - Analysis Summary

Lab Sample ID: S85245.01

Sample Tag: MW-106SR-20260318

Collected Date/Time: 03/18/2026 09:50

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 16:30	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 16:30	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:10	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:20	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:10	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:10	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:10	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:10	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 02:45	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.02

Sample Tag: MW-110S-20260318

Collected Date/Time: 03/18/2026 11:18

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
<i>Inorganics</i>						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 16:40	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 17:40	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
<i>Metals</i>						
Arsenic, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:00	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:00	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:00	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:00	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:00	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:00	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
<i>Organics - Volatiles</i>						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 03:08	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.03

Sample Tag: MW-114S-20260318

Collected Date/Time: 03/18/2026 12:50

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 16:50	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 17:45	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:03	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:03	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:03	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:03	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:03	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:03	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 03:32	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.04

Sample Tag: MW-108S-20260318

Collected Date/Time: 03/18/2026 12:00

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
<i>Inorganics</i>						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 16:55	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 17:50	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
<i>Metals</i>						
Arsenic, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:05	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:05	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:05	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:05	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:05	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:05	MT4-26-0323B	MTD-032326-3	No	BLK/LCS/MS/MSD
<i>Organics - Volatiles</i>						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 03:55	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.05

Sample Tag: Dup-1-20260318

Collected Date/Time: 03/18/2026 00:01

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
<i>Inorganics</i>						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:00	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 17:55	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
<i>Metals</i>						
Arsenic, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:33	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:33	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:33	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:33	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:33	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:33	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
<i>Organics - Volatiles</i>						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 04:19	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.06

Sample Tag: MW-117S-20260318

Collected Date/Time: 03/18/2026 13:40

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:05	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 18:00	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:36	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:36	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:36	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:36	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:36	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:36	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 04:43	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.07

Sample Tag: MW-103S-20260318

Collected Date/Time: 03/18/2026 14:26

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:10	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 18:05	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:39	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:39	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:39	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:39	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:39	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:39	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 05:06	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.08

Sample Tag: MS (MW-103S-20260318)

Collected Date/Time: 03/18/2026 14:22

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:15	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 18:10	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:47	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:47	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:47	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:47	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:47	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:47	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/19/26 23:59	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.09

Sample Tag: MSD (MW-103S-20260318)

Collected Date/Time: 03/18/2026 14:20

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
<i>Inorganics</i>						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:20	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 18:15	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
<i>Metals</i>						
Arsenic, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:48	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:48	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:48	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:48	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:48	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:48	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
<i>Organics - Volatiles</i>						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 00:23	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.10

Sample Tag: FB-2-20260318

Collected Date/Time: 03/18/2026 13:56

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:25	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 18:20	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:42	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:42	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:42	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:42	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:42	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:42	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 01:57	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85245.11

Sample Tag: EB-2-20260318

Collected Date/Time: 03/18/2026 14:30

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:30	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Chromium VI	SM3500-Cr B	03/18/26 18:25	CHR260318-W1	CHR260318-W1	No	BLK/LCS/MS/DUP
Metals						
Arsenic, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Arsenic	E200.8	03/23/26 15:44	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Chromium	E200.8	03/23/26 15:44	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Copper	E200.8	03/23/26 15:44	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Lead	E200.8	03/23/26 15:44	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Selenium	E200.8	03/23/26 15:44	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Zinc	E200.8	03/23/26 15:44	MT4-26-0323B	MTD-032326-4	No	BLK/LCS/MS/MSD
Organics - Volatiles						
Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 02:21	260319B11	VF260319W4	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Prep Batch Summary

Inorganics, Prep Batch ID: CHR260318-W1

Surrogates: No, QC Types: BLK/LCS/MS/DUP

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85245.01	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 16:30	CHR260318-W1
S85245.01	Chromium VI	SM3500-Cr B	03/18/26 16:30	CHR260318-W1
S85245.02	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 16:40	CHR260318-W1
S85245.02	Chromium VI	SM3500-Cr B	03/18/26 17:40	CHR260318-W1
S85245.03	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 16:50	CHR260318-W1
S85245.03	Chromium VI	SM3500-Cr B	03/18/26 17:45	CHR260318-W1
S85245.04	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 16:55	CHR260318-W1
S85245.04	Chromium VI	SM3500-Cr B	03/18/26 17:50	CHR260318-W1
S85245.05	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:00	CHR260318-W1
S85245.05	Chromium VI	SM3500-Cr B	03/18/26 17:55	CHR260318-W1
S85245.06	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:05	CHR260318-W1
S85245.06	Chromium VI	SM3500-Cr B	03/18/26 18:00	CHR260318-W1
S85245.07	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:10	CHR260318-W1
S85245.07	Chromium VI	SM3500-Cr B	03/18/26 18:05	CHR260318-W1
S85245.08	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:15	CHR260318-W1
S85245.08	Chromium VI	SM3500-Cr B	03/18/26 18:10	CHR260318-W1
S85245.09	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:20	CHR260318-W1
S85245.09	Chromium VI	SM3500-Cr B	03/18/26 18:15	CHR260318-W1
S85245.10	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:25	CHR260318-W1
S85245.10	Chromium VI	SM3500-Cr B	03/18/26 18:20	CHR260318-W1
S85245.11	Chromium VI, Dissolved	SM3500-Cr B	03/18/26 17:30	CHR260318-W1
S85245.11	Chromium VI	SM3500-Cr B	03/18/26 18:25	CHR260318-W1

Metals, Prep Batch ID: MTD-032326-3

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85245.01	Arsenic, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B
S85245.01	Arsenic	E200.8	03/23/26 15:10	MT4-26-0323B
S85245.01	Chromium, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B
S85245.01	Chromium	E200.8	03/23/26 15:20	MT4-26-0323B
S85245.01	Copper, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B
S85245.01	Copper	E200.8	03/23/26 15:10	MT4-26-0323B
S85245.01	Lead, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B
S85245.01	Lead	E200.8	03/23/26 15:10	MT4-26-0323B
S85245.01	Selenium, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B
S85245.01	Selenium	E200.8	03/23/26 15:10	MT4-26-0323B
S85245.01	Zinc, Dissolved	E200.8	03/23/26 15:08	MT4-26-0323B
S85245.01	Zinc	E200.8	03/23/26 15:10	MT4-26-0323B
S85245.02	Arsenic, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B
S85245.02	Arsenic	E200.8	03/23/26 15:00	MT4-26-0323B
S85245.02	Chromium, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B
S85245.02	Chromium	E200.8	03/23/26 15:00	MT4-26-0323B
S85245.02	Copper, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B
S85245.02	Copper	E200.8	03/23/26 15:00	MT4-26-0323B
S85245.02	Lead, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B
S85245.02	Lead	E200.8	03/23/26 15:00	MT4-26-0323B
S85245.02	Selenium, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B
S85245.02	Selenium	E200.8	03/23/26 15:00	MT4-26-0323B
S85245.02	Zinc, Dissolved	E200.8	03/23/26 15:01	MT4-26-0323B
S85245.02	Zinc	E200.8	03/23/26 15:00	MT4-26-0323B

QC Report - Prep Batch Summary

Metals, Prep Batch ID: MTD-032326-3 (continued)

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85245.03	Arsenic, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B
S85245.03	Arsenic	E200.8	03/23/26 15:03	MT4-26-0323B
S85245.03	Chromium, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B
S85245.03	Chromium	E200.8	03/23/26 15:03	MT4-26-0323B
S85245.03	Copper, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B
S85245.03	Copper	E200.8	03/23/26 15:03	MT4-26-0323B
S85245.03	Lead, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B
S85245.03	Lead	E200.8	03/23/26 15:03	MT4-26-0323B
S85245.03	Selenium, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B
S85245.03	Selenium	E200.8	03/23/26 15:03	MT4-26-0323B
S85245.03	Zinc, Dissolved	E200.8	03/23/26 15:04	MT4-26-0323B
S85245.03	Zinc	E200.8	03/23/26 15:03	MT4-26-0323B
S85245.04	Arsenic, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B
S85245.04	Arsenic	E200.8	03/23/26 15:05	MT4-26-0323B
S85245.04	Chromium, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B
S85245.04	Chromium	E200.8	03/23/26 15:05	MT4-26-0323B
S85245.04	Copper, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B
S85245.04	Copper	E200.8	03/23/26 15:05	MT4-26-0323B
S85245.04	Lead, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B
S85245.04	Lead	E200.8	03/23/26 15:05	MT4-26-0323B
S85245.04	Selenium, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B
S85245.04	Selenium	E200.8	03/23/26 15:05	MT4-26-0323B
S85245.04	Zinc, Dissolved	E200.8	03/23/26 15:07	MT4-26-0323B
S85245.04	Zinc	E200.8	03/23/26 15:05	MT4-26-0323B

Metals, Prep Batch ID: MTD-032326-4

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85245.05	Arsenic, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B
S85245.05	Arsenic	E200.8	03/23/26 15:33	MT4-26-0323B
S85245.05	Chromium, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B
S85245.05	Chromium	E200.8	03/23/26 15:33	MT4-26-0323B
S85245.05	Copper, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B
S85245.05	Copper	E200.8	03/23/26 15:33	MT4-26-0323B
S85245.05	Lead, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B
S85245.05	Lead	E200.8	03/23/26 15:33	MT4-26-0323B
S85245.05	Selenium, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B
S85245.05	Selenium	E200.8	03/23/26 15:33	MT4-26-0323B
S85245.05	Zinc, Dissolved	E200.8	03/23/26 15:34	MT4-26-0323B
S85245.05	Zinc	E200.8	03/23/26 15:33	MT4-26-0323B
S85245.06	Arsenic, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B
S85245.06	Arsenic	E200.8	03/23/26 15:36	MT4-26-0323B
S85245.06	Chromium, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B
S85245.06	Chromium	E200.8	03/23/26 15:36	MT4-26-0323B
S85245.06	Copper, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B
S85245.06	Copper	E200.8	03/23/26 15:36	MT4-26-0323B
S85245.06	Lead, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B
S85245.06	Lead	E200.8	03/23/26 15:36	MT4-26-0323B
S85245.06	Selenium, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B

QC Report - Prep Batch Summary

Metals, Prep Batch ID: MTD-032326-4 (continued)

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85245.06	Selenium	E200.8	03/23/26 15:36	MT4-26-0323B
S85245.06	Zinc, Dissolved	E200.8	03/23/26 15:38	MT4-26-0323B
S85245.06	Zinc	E200.8	03/23/26 15:36	MT4-26-0323B
S85245.07	Arsenic, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B
S85245.07	Arsenic	E200.8	03/23/26 15:39	MT4-26-0323B
S85245.07	Chromium, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B
S85245.07	Chromium	E200.8	03/23/26 15:39	MT4-26-0323B
S85245.07	Copper, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B
S85245.07	Copper	E200.8	03/23/26 15:39	MT4-26-0323B
S85245.07	Lead, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B
S85245.07	Lead	E200.8	03/23/26 15:39	MT4-26-0323B
S85245.07	Selenium, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B
S85245.07	Selenium	E200.8	03/23/26 15:39	MT4-26-0323B
S85245.07	Zinc, Dissolved	E200.8	03/23/26 15:41	MT4-26-0323B
S85245.07	Zinc	E200.8	03/23/26 15:39	MT4-26-0323B
S85245.08	Arsenic, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B
S85245.08	Arsenic	E200.8	03/23/26 15:47	MT4-26-0323B
S85245.08	Chromium, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B
S85245.08	Chromium	E200.8	03/23/26 15:47	MT4-26-0323B
S85245.08	Copper, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B
S85245.08	Copper	E200.8	03/23/26 15:47	MT4-26-0323B
S85245.08	Lead, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B
S85245.08	Lead	E200.8	03/23/26 15:47	MT4-26-0323B
S85245.08	Selenium, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B
S85245.08	Selenium	E200.8	03/23/26 15:47	MT4-26-0323B
S85245.08	Zinc, Dissolved	E200.8	03/23/26 15:51	MT4-26-0323B
S85245.08	Zinc	E200.8	03/23/26 15:47	MT4-26-0323B
S85245.09	Arsenic, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B
S85245.09	Arsenic	E200.8	03/23/26 15:48	MT4-26-0323B
S85245.09	Chromium, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B
S85245.09	Chromium	E200.8	03/23/26 15:48	MT4-26-0323B
S85245.09	Copper, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B
S85245.09	Copper	E200.8	03/23/26 15:48	MT4-26-0323B
S85245.09	Lead, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B
S85245.09	Lead	E200.8	03/23/26 15:48	MT4-26-0323B
S85245.09	Selenium, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B
S85245.09	Selenium	E200.8	03/23/26 15:48	MT4-26-0323B
S85245.09	Zinc, Dissolved	E200.8	03/23/26 15:52	MT4-26-0323B
S85245.09	Zinc	E200.8	03/23/26 15:48	MT4-26-0323B
S85245.10	Arsenic, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B
S85245.10	Arsenic	E200.8	03/23/26 15:42	MT4-26-0323B
S85245.10	Chromium, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B
S85245.10	Chromium	E200.8	03/23/26 15:42	MT4-26-0323B
S85245.10	Copper, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B
S85245.10	Copper	E200.8	03/23/26 15:42	MT4-26-0323B
S85245.10	Lead, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B
S85245.10	Lead	E200.8	03/23/26 15:42	MT4-26-0323B
S85245.10	Selenium, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B
S85245.10	Selenium	E200.8	03/23/26 15:42	MT4-26-0323B

QC Report - Prep Batch Summary

Metals, Prep Batch ID: MTD-032326-4 (continued)

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85245.10	Zinc, Dissolved	E200.8	03/23/26 15:43	MT4-26-0323B
S85245.10	Zinc	E200.8	03/23/26 15:42	MT4-26-0323B
S85245.11	Arsenic, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B
S85245.11	Arsenic	E200.8	03/23/26 15:44	MT4-26-0323B
S85245.11	Chromium, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B
S85245.11	Chromium	E200.8	03/23/26 15:44	MT4-26-0323B
S85245.11	Copper, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B
S85245.11	Copper	E200.8	03/23/26 15:44	MT4-26-0323B
S85245.11	Lead, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B
S85245.11	Lead	E200.8	03/23/26 15:44	MT4-26-0323B
S85245.11	Selenium, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B
S85245.11	Selenium	E200.8	03/23/26 15:44	MT4-26-0323B
S85245.11	Zinc, Dissolved	E200.8	03/23/26 15:45	MT4-26-0323B
S85245.11	Zinc	E200.8	03/23/26 15:44	MT4-26-0323B

Organics - Volatiles, Prep Batch ID: VF260319W4

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85245.01	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 02:45	260319B11
S85245.02	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 03:08	260319B11
S85245.03	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 03:32	260319B11
S85245.04	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 03:55	260319B11
S85245.05	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 04:19	260319B11
S85245.06	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 04:43	260319B11
S85245.07	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 05:06	260319B11
S85245.08	Volatile Organics - DEQ List	SW5030C/8260C	03/19/26 23:59	260319B11
S85245.09	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 00:23	260319B11
S85245.10	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 01:57	260319B11
S85245.11	Volatile Organics - DEQ List	SW5030C/8260C	03/20/26 02:21	260319B11

Lab Sample ID: S85245.01

Sample Tag: MW-106SR-20260318

Collected Date/Time: 03/18/2026 09:50

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260319B11, Run Date: 03/20/2026 02:45, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		97.5	80.0	124.0
1,2-Dichloroethane-D4		99.4	72.0	125.0
Toluene-D8		100.5	89.0	112.0

QC Report - Surrogates per Lab Sample

Lab Sample ID: S85245.02

Sample Tag: MW-110S-20260318

Collected Date/Time: 03/18/2026 11:18

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260319B11, Run Date: 03/20/2026 03:08, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		98.6	80.0	124.0
1,2-Dichloroethane-D4		100.3	72.0	125.0
Toluene-D8		99.7	89.0	112.0

QC Report - Surrogates per Lab Sample

Lab Sample ID: S85245.03

Sample Tag: MW-114S-20260318

Collected Date/Time: 03/18/2026 12:50

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260319B11, Run Date: 03/20/2026 03:32, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		98.5	80.0	124.0
1,2-Dichloroethane-D4		101.7	72.0	125.0
Toluene-D8		101.0	89.0	112.0

QC Report - Surrogates per Lab Sample

Lab Sample ID: S85245.04

Sample Tag: MW-108S-20260318

Collected Date/Time: 03/18/2026 12:00

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260319B11, Run Date: 03/20/2026 03:55, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		97.2	80.0	124.0
1,2-Dichloroethane-D4		98.4	72.0	125.0
Toluene-D8		100.3	89.0	112.0

QC Report - Surrogates per Lab Sample

Lab Sample ID: S85245.05

Sample Tag: Dup-1-20260318

Collected Date/Time: 03/18/2026 00:01

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260319B11, Run Date: 03/20/2026 04:19, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		98.4	80.0	124.0
1,2-Dichloroethane-D4		98.4	72.0	125.0
Toluene-D8		99.5	89.0	112.0

Lab Sample ID: S85245.06

Sample Tag: MW-117S-20260318

Collected Date/Time: 03/18/2026 13:40

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260319B11, Run Date: 03/20/2026 04:43, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		98.5	80.0	124.0
1,2-Dichloroethane-D4		98.3	72.0	125.0
Toluene-D8		100.6	89.0	112.0

QC Report - Surrogates per Lab Sample

Lab Sample ID: S85245.07

Sample Tag: MW-103S-20260318

Collected Date/Time: 03/18/2026 14:26

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260319B11, Run Date: 03/20/2026 05:06, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		97.4	80.0	124.0
1,2-Dichloroethane-D4		96.7	72.0	125.0
Toluene-D8		99.3	89.0	112.0

QC Report - Surrogates per Lab Sample

Lab Sample ID: S85245.10

Sample Tag: FB-2-20260318

Collected Date/Time: 03/18/2026 13:56

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260319B11, Run Date: 03/20/2026 01:57, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		98.7	80.0	124.0
1,2-Dichloroethane-D4		98.5	72.0	125.0
Toluene-D8		100.0	89.0	112.0

QC Report - Surrogates per Lab Sample

Lab Sample ID: S85245.11

Sample Tag: EB-2-20260318

Collected Date/Time: 03/18/2026 14:30

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: Volatile Organics - DEQ List

Run in Batch: 260319B11, Run Date: 03/20/2026 02:21, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		99.1	80.0	124.0
1,2-Dichloroethane-D4		99.3	72.0	125.0
Toluene-D8		99.3	89.0	112.0

QC Report - Surrogates per QC Sample

Organics - Volatiles, Prep Batch ID: VF260319W4

QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK)

Lab Sample ID: 260319B11.BLKW19B

Run in Batch: 260319B11, Run Date: 03/20/2026 01:33, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		100.0	80.0	124.0
1,2-Dichloroethane-D4		98.9	72.0	125.0
Toluene-D8		99.3	89.0	112.0

Laboratory Control Sample (LCS)

Lab Sample ID: 260319B11.LCSW19B

Run in Batch: 260319B11, Run Date: 03/19/2026 23:12, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		104.5	80.0	124.0
1,2-Dichloroethane-D4		96.8	72.0	125.0
Toluene-D8		99.3	89.0	112.0

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: 260319B11.LCSDW19B, Parent Sample ID: 260319B11.LCSW19B

Run in Batch: 260319B11, Run Date: 03/19/2026 23:35, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		102.1	80.0	124.0
1,2-Dichloroethane-D4		94.6	72.0	125.0
Toluene-D8		99.2	89.0	112.0

Matrix Spike (MS)

Lab Sample ID: 260319B11.8524508M, Parent Sample ID: S85245.07

Run in Batch: 260319B11, Run Date: 03/19/2026 23:59, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		101.4	80.0	124.0
1,2-Dichloroethane-D4		92.6	72.0	125.0
Toluene-D8		99.4	89.0	112.0

Matrix Spike Duplicate (MSD)

Lab Sample ID: 260319B11.8524509N, Parent Sample ID: 260319B11.8524508M

Run in Batch: 260319B11, Run Date: 03/20/2026 00:23, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Surrogate	Flags	%Rec	LCL	UCL
4-Bromofluorobenzene		100.3	80.0	124.0
1,2-Dichloroethane-D4		96.0	72.0	125.0
Toluene-D8		99.5	89.0	112.0

QC Report - Batch QC Results

Inorganics, Prep Batch ID: CHR260318-W1

Surrogates: No, QC Types: BLK/LCS/MS/DUP

Blank (BLK)

Lab Sample ID: CHR260318-W1.LRB1

Run in Batch: CHR260318-W1, Run Date: 03/18/2026 16:10, Prep Date: 03/18/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Chromium VI		ND	0.01	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: CHR260318-W1.LCS1

Run in Batch: CHR260318-W1, Run Date: 03/18/2026 16:25, Prep Date: 03/18/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Chromium VI		103	90	110

Matrix Spike (MS)

Lab Sample ID: CHR260318-W1.MS1, Parent Sample ID: S85245.02

Run in Batch: CHR260318-W1, Run Date: 03/18/2026 16:45, Prep Date: 03/18/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Chromium VI	*	76	80	120

Duplicate (DUP)

Lab Sample ID: CHR260318-W1.DP1, Parent Sample ID: S85245.01

Run in Batch: CHR260318-W1, Run Date: 03/18/2026 16:35, Prep Date: 03/18/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	RPD	RPD CL
Chromium VI		<1	15

QC Report - Batch QC Results

Metals, Prep Batch ID: MTD-032326-3

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Blank (BLK)

Lab Sample ID: MT4-26-0323B.019.LRB

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 14:28, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Arsenic		ND	0.0004	mg/L
Chromium		ND	0.001	mg/L
Copper		ND	0.001	mg/L
Lead		ND	0.0006	mg/L
Selenium		ND	0.001	mg/L
Zinc		ND	0.001	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: MT4-26-0323B.018.LCS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 14:26, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Arsenic		98	85	115
Chromium		97	85	115
Copper		95	85	115
Lead		102	85	115
Selenium		102	85	115
Zinc		96	85	115

Matrix Spike (MS)

Lab Sample ID: MT4-26-0323B.031.MS, Parent Sample ID: S85190.06

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 14:48, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL
Chromium		96	75	125
Copper		95	75	125
Zinc		91	75	125

Matrix Spike (MS)

Lab Sample ID: MT4-26-0323B.052.MS, Parent Sample ID: S85245.04

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:21, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL
Chromium		97	75	125
Copper		91	75	125
Zinc		91	75	125

Matrix Spike Duplicate (MSD)

Lab Sample ID: MT4-26-0323B.032.MSD, Parent Sample ID: MT4-26-0323B.031.MS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 14:49, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Chromium		96	75	125	0	20
Copper		93	75	125	2	20
Zinc		91	75	125	0	20

QC Report - Batch QC Results

Metals, Prep Batch ID: MTD-032326-3 (continued)

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Matrix Spike Duplicate (MSD)

Lab Sample ID: MT4-26-0323B.053.MSD, Parent Sample ID: MT4-26-0323B.052.MS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:22, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Chromium		98	75	125	1	20
Copper		93	75	125	2	20
Zinc		91	75	125	0	20

QC Report - Batch QC Results

Metals, Prep Batch ID: MTD-032326-4

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Blank (BLK)

Lab Sample ID: MT4-26-0323B.057.LRB

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:29, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Arsenic		ND	0.0004	mg/L
Chromium		ND	0.001	mg/L
Copper		ND	0.001	mg/L
Lead		ND	0.0006	mg/L
Selenium		ND	0.001	mg/L
Zinc		ND	0.001	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: MT4-26-0323B.056.LCS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:27, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Arsenic		99	85	115
Chromium		97	85	115
Copper		97	85	115
Lead		102	85	115
Selenium		98	85	115
Zinc		98	85	115

Matrix Spike (MS)

Lab Sample ID: MT4-26-0323B.070.MS, Parent Sample ID: S85245.07

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:47, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL
Arsenic		98	75	125
Chromium		98	75	125
Copper		93	75	125
Lead		95	75	125
Selenium		94	75	125
Zinc		96	75	125

Matrix Spike (MS)

Lab Sample ID: MT4-26-0323B.072.MS, Parent Sample ID: S85245.07

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:51, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL
Chromium		95	75	125
Copper		90	75	125
Zinc		93	75	125

Matrix Spike Duplicate (MSD)

Lab Sample ID: MT4-26-0323B.071.MSD, Parent Sample ID: MT4-26-0323B.070.MS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:48, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Arsenic		106	75	125	7	20
Chromium		100	75	125	2	20
Copper		98	75	125	5	20
Lead		100	75	125	5	20
Selenium		99	75	125	5	20

QC Report - Batch QC Results

Metals, Prep Batch ID: MTD-032326-4 (continued)

Surrogates: No, QC Types: BLK/LCS/MS/MSD

Matrix Spike Duplicate (MSD) (continued)

Lab Sample ID: MT4-26-0323B.071.MSD, Parent Sample ID: MT4-26-0323B.070.MS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:48, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Zinc		100	75	125	4	20

Matrix Spike Duplicate (MSD)

Lab Sample ID: MT4-26-0323B.073.MSD, Parent Sample ID: MT4-26-0323B.072.MS

Run in Batch: MT4-26-0323B, Run Date: 03/23/2026 15:52, Prep Date: 03/23/2026, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Chromium		98	75	125	4	20
Copper		92	75	125	3	20
Zinc		97	75	125	4	20

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260319W4

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK)

Lab Sample ID: 260319B11.BLKW19B

Run in Batch: 260319B11, Run Date: 03/20/2026 01:33, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Diethyl ether		ND	1.00	ug/l
Acetone		ND	10.00	ug/l
Methyl iodide		ND	1.00	ug/l
Carbon disulfide		ND	1.00	ug/l
tert-Methyl butyl ether (MTBE)		ND	1.00	ug/l
Acrylonitrile		ND	1.00	ug/l
2-Butanone (MEK)		ND	10.00	ug/l
Dichlorodifluoromethane		ND	1.00	ug/l
Chloromethane		ND	1.00	ug/l
Vinyl chloride		ND	1.00	ug/l
Bromomethane		ND	1.00	ug/l
Chloroethane		ND	1.00	ug/l
Trichlorofluoromethane		ND	1.00	ug/l
1,1-Dichloroethene		ND	1.00	ug/l
Methylene chloride		ND	1.00	ug/l
trans-1,2-Dichloroethene		ND	1.00	ug/l
1,1-Dichloroethane		ND	1.00	ug/l
cis-1,2-Dichloroethene		ND	1.00	ug/l
Tetrahydrofuran		ND	10.00	ug/l
Chloroform		ND	1.00	ug/l
Bromochloromethane		ND	1.00	ug/l
1,1,1-Trichloroethane		ND	1.00	ug/l
4-Methyl-2-pentanone (MIBK)		ND	10.00	ug/l
2-Hexanone		ND	10.00	ug/l
Carbon tetrachloride		ND	1.00	ug/l
Benzene		ND	1.00	ug/l
1,2-Dichloroethane		ND	1.00	ug/l
Trichloroethene		ND	1.00	ug/l
1,2-Dichloropropane		ND	1.00	ug/l
Bromodichloromethane		ND	1.00	ug/l
Dibromomethane		ND	1.00	ug/l
cis-1,3-Dichloropropene		ND	1.00	ug/l
Toluene		ND	1.00	ug/l
trans-1,3-Dichloropropene		ND	1.00	ug/l
1,1,2-Trichloroethane		ND	1.00	ug/l
Tetrachloroethene		ND	1.00	ug/l
trans-1,4-Dichloro-2-butene		ND	1.00	ug/l
Dibromochloromethane		ND	1.00	ug/l
1,2-Dibromoethane		ND	1.00	ug/l
Chlorobenzene		ND	1.00	ug/l
1,1,1,2-Tetrachloroethane		ND	1.00	ug/l
Ethylbenzene		ND	1.00	ug/l
p,m-Xylene		ND	2.00	ug/l
o-Xylene		ND	1.00	ug/l
Styrene		ND	1.00	ug/l
Isopropylbenzene		ND	1.00	ug/l

Organics - Volatiles, Prep Batch ID: VF260319W4 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK) (continued)

Lab Sample ID: 260319B11.BLKW19B

Run in Batch: 260319B11, Run Date: 03/20/2026 01:33, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Bromoform		ND	1.00	ug/l
1,1,2,2-Tetrachloroethane		ND	1.00	ug/l
1,2,3-Trichloropropane		ND	1.00	ug/l
n-Propylbenzene		ND	1.00	ug/l
Bromobenzene		ND	1.00	ug/l
1,3,5-Trimethylbenzene		ND	1.00	ug/l
tert-Butylbenzene		ND	1.00	ug/l
1,2,4-Trimethylbenzene		ND	1.00	ug/l
sec-Butylbenzene		ND	1.00	ug/l
p-Isopropyltoluene		ND	1.00	ug/l
1,3-Dichlorobenzene		ND	1.00	ug/l
1,4-Dichlorobenzene		ND	1.00	ug/l
1,2-Dichlorobenzene		ND	1.00	ug/l
1,2,3-Trimethylbenzene		ND	1.00	ug/l
n-Butylbenzene		ND	1.00	ug/l
Hexachloroethane		ND	1.00	ug/l
1,2-Dibromo-3-chloropropane		ND	1.00	ug/l
1,2,4-Trichlorobenzene		ND	1.00	ug/l
1,2,3-Trichlorobenzene		ND	1.00	ug/l
Naphthalene		ND	1.00	ug/l
2-Methylnaphthalene		ND	1.00	ug/l

Laboratory Control Sample (LCS)

Lab Sample ID: 260319B11.LCSW19B

Run in Batch: 260319B11, Run Date: 03/19/2026 23:12, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Diethyl ether		103.6	67.4	121.2
Acetone		92.3	29.9	161.5
Methyl iodide		115.7	68.8	116.4
Carbon disulfide		102.3	63.8	137.4
tert-Methyl butyl ether (MTBE)		102.5	73.2	122.4
Acrylonitrile		101.0	69.9	128.9
2-Butanone (MEK)		91.6	44.0	134.4
Dichlorodifluoromethane		102.7	10.0	222.8
Chloromethane		106.6	23.8	166.5
Vinyl chloride		99.2	43.5	149.1
Bromomethane		117.4	56.8	151.3
Chloroethane		99.6	53.4	149.4
Trichlorofluoromethane		100.5	59.7	151.8
1,1-Dichloroethene		99.3	69.6	139.4
Methylene chloride		103.3	73.3	121.1
trans-1,2-Dichloroethene		101.8	73.6	129.3
1,1-Dichloroethane		105.1	71.5	126.2
cis-1,2-Dichloroethene		104.5	76.6	122.1
Tetrahydrofuran		99.0	59.0	117.9
Chloroform		104.3	78.4	124.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260319W4 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: 260319B11.LCSW19B

Run in Batch: 260319B11, Run Date: 03/19/2026 23:12, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Bromochloromethane		106.4	78.2	120.8
1,1,1-Trichloroethane		102.5	79.4	130.9
4-Methyl-2-pentanone (MIBK)		100.9	71.6	125.2
2-Hexanone		101.1	55.4	136.9
Carbon tetrachloride		105.4	72.6	133.0
Benzene		105.5	79.9	124.9
1,2-Dichloroethane		103.6	76.0	126.3
Trichloroethene		105.3	79.7	124.2
1,2-Dichloropropane		106.2	78.6	126.4
Bromodichloromethane		110.0	80.4	128.2
Dibromomethane		110.9	76.9	122.1
cis-1,3-Dichloropropene		111.8	79.8	129.9
Toluene		105.9	79.8	124.5
trans-1,3-Dichloropropene		113.5	74.0	131.3
1,1,2-Trichloroethane		107.5	78.7	123.1
Tetrachloroethene		105.3	74.5	124.5
trans-1,4-Dichloro-2-butene		106.1	68.6	135.4
Dibromochloromethane		113.3	74.6	127.2
1,2-Dibromoethane		110.5	70.3	133.7
Chlorobenzene		109.4	79.2	122.7
1,1,1,2-Tetrachloroethane		110.3	80.3	128.2
Ethylbenzene		106.8	79.5	129.1
p,m-Xylene		108.6	79.4	132.2
o-Xylene		105.4	80.2	131.0
Styrene		107.7	69.5	126.7
Isopropylbenzene		107.8	74.4	121.5
Bromoform		113.0	69.4	128.0
1,1,2,2-Tetrachloroethane		108.2	79.8	126.3
1,2,3-Trichloropropane		105.3	78.3	138.8
n-Propylbenzene		108.2	82.0	130.7
Bromobenzene		110.1	78.7	124.6
1,3,5-Trimethylbenzene		108.6	81.3	128.9
tert-Butylbenzene		105.3	80.7	128.9
1,2,4-Trimethylbenzene		106.6	81.4	130.8
sec-Butylbenzene		106.6	77.4	129.8
p-Isopropyltoluene		105.5	79.8	137.5
1,3-Dichlorobenzene		105.9	77.0	131.3
1,4-Dichlorobenzene		107.9	20.7	137.7
1,2-Dichlorobenzene		107.9	10.0	166.2
1,2,3-Trimethylbenzene		104.8	76.3	124.2
n-Butylbenzene		108.6	80.0	133.3
Hexachloroethane		113.2	23.8	138.1
1,2-Dibromo-3-chloropropane		107.2	21.2	189.4
1,2,4-Trichlorobenzene		116.0	27.4	143.4
1,2,3-Trichlorobenzene		114.6	75.4	131.4
Naphthalene		110.6	32.9	135.8

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260319W4 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: 260319B11.LCSW19B

Run in Batch: 260319B11, Run Date: 03/19/2026 23:12, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
2-Methylnaphthalene		101.4	25.5	165.5

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: 260319B11.LCSDW19B, Parent Sample ID: 260319B11.LCSW19B

Run in Batch: 260319B11, Run Date: 03/19/2026 23:35, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Diethyl ether		98.2	67.4	121.2	5.3	30.0
Acetone		87.1	29.9	161.5	5.8	30.0
Methyl iodide		109.4	68.8	116.4	5.5	30.0
Carbon disulfide		93.9	63.8	137.4	8.5	30.0
tert-Methyl butyl ether (MTBE)		97.6	73.2	122.4	5.0	30.0
Acrylonitrile		93.8	69.9	128.9	7.4	30.0
2-Butanone (MEK)		87.5	44.0	134.4	4.6	30.0
Dichlorodifluoromethane		93.6	10.0	222.8	9.3	30.0
Chloromethane		97.6	23.8	166.5	8.8	30.0
Vinyl chloride		90.6	43.5	149.1	9.1	30.0
Bromomethane		109.9	56.8	151.3	6.6	30.0
Chloroethane		92.1	53.4	149.4	7.7	30.0
Trichlorofluoromethane		92.5	59.7	151.8	8.3	30.0
1,1-Dichloroethene		91.1	69.6	139.4	8.7	30.0
Methylene chloride		96.4	73.3	121.1	6.9	30.0
trans-1,2-Dichloroethene		95.4	73.6	129.3	6.5	30.0
1,1-Dichloroethane		97.6	71.5	126.2	7.4	30.0
cis-1,2-Dichloroethene		98.0	76.6	122.1	6.4	30.0
Tetrahydrofuran		91.0	59.0	117.9	8.4	30.0
Chloroform		97.3	78.4	124.0	7.0	30.0
Bromochloromethane		101.6	78.2	120.8	4.6	30.0
1,1,1-Trichloroethane		95.5	79.4	130.9	7.0	30.0
4-Methyl-2-pentanone (MIBK)		95.7	71.6	125.2	5.3	30.0
2-Hexanone		97.9	55.4	136.9	3.2	30.0
Carbon tetrachloride		99.3	72.6	133.0	5.9	30.0
Benzene		99.4	79.9	124.9	6.0	30.0
1,2-Dichloroethane		98.2	76.0	126.3	5.3	30.0
Trichloroethene		98.5	79.7	124.2	6.6	30.0
1,2-Dichloropropane		101.6	78.6	126.4	4.4	30.0
Bromodichloromethane		103.0	80.4	128.2	6.6	30.0
Dibromomethane		106.0	76.9	122.1	4.5	30.0
cis-1,3-Dichloropropene		106.2	79.8	129.9	5.2	30.0
Toluene		99.7	79.8	124.5	6.1	30.0
trans-1,3-Dichloropropene		107.2	74.0	131.3	5.7	30.0
1,1,2-Trichloroethane		101.7	78.7	123.1	5.5	30.0
Tetrachloroethene		98.6	74.5	124.5	6.6	30.0
trans-1,4-Dichloro-2-butene		93.2	68.6	135.4	12.9	30.0
Dibromochloromethane		105.4	74.6	127.2	7.2	30.0
1,2-Dibromoethane		104.7	70.3	133.7	5.4	30.0
Chlorobenzene		103.0	79.2	122.7	6.1	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260319W4 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Laboratory Control Sample Duplicate (LCSD) (continued)

Lab Sample ID: 260319B11.LCSDW19B, Parent Sample ID: 260319B11.LCSW19B

Run in Batch: 260319B11, Run Date: 03/19/2026 23:35, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
1,1,1,2-Tetrachloroethane		104.0	80.3	128.2	5.9	30.0
Ethylbenzene		98.9	79.5	129.1	7.6	30.0
p,m-Xylene		99.5	79.4	132.2	8.8	30.0
o-Xylene		96.4	80.2	131.0	8.9	30.0
Styrene		99.9	69.5	126.7	7.5	30.0
Isopropylbenzene		100.0	74.4	121.5	7.5	30.0
Bromoform		103.5	69.4	128.0	8.8	30.0
1,1,2,2-Tetrachloroethane		102.8	79.8	126.3	5.1	30.0
1,2,3-Trichloropropane		100.5	78.3	138.8	4.6	30.0
n-Propylbenzene		99.2	82.0	130.7	8.6	30.0
Bromobenzene		102.7	78.7	124.6	7.0	30.0
1,3,5-Trimethylbenzene		99.5	81.3	128.9	8.7	30.0
tert-Butylbenzene		95.8	80.7	128.9	9.5	30.0
1,2,4-Trimethylbenzene		98.3	81.4	130.8	8.1	30.0
sec-Butylbenzene		99.8	77.4	129.8	6.6	30.0
p-Isopropyltoluene		98.2	79.8	137.5	7.2	30.0
1,3-Dichlorobenzene		100.5	77.0	131.3	5.2	30.0
1,4-Dichlorobenzene		103.2	20.7	137.7	4.4	30.0
1,2-Dichlorobenzene		102.9	10.0	166.2	4.7	30.0
1,2,3-Trimethylbenzene		99.8	76.3	124.2	4.9	30.0
n-Butylbenzene		100.4	80.0	133.3	7.9	30.0
Hexachloroethane		107.2	23.8	138.1	5.4	30.0
1,2-Dibromo-3-chloropropane		106.1	21.2	189.4	1.0	30.0
1,2,4-Trichlorobenzene		111.0	27.4	143.4	4.5	30.0
1,2,3-Trichlorobenzene		110.1	75.4	131.4	4.0	30.0
Naphthalene		108.2	32.9	135.8	2.2	30.0
2-Methylnaphthalene		100.7	25.5	165.5	0.7	30.0

Matrix Spike (MS)

Lab Sample ID: 260319B11.8524508M, Parent Sample ID: S85245.07

Run in Batch: 260319B11, Run Date: 03/19/2026 23:59, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Diethyl ether		102.0	67.4	121.2
Acetone		93.3	29.9	161.5
Methyl iodide	*	129.0	68.8	116.4
Carbon disulfide		108.8	63.8	137.4
tert-Methyl butyl ether (MTBE)		99.8	73.2	122.4
Acrylonitrile		97.3	69.9	128.9
2-Butanone (MEK)		92.6	44.0	134.4
Dichlorodifluoromethane		111.1	10.0	222.8
Chloromethane		105.7	23.8	166.5
Vinyl chloride		103.7	43.5	149.1
Bromomethane		106.9	56.8	151.3
Chloroethane		100.1	53.4	149.4
Trichlorofluoromethane		105.7	59.7	151.8
1,1-Dichloroethene		103.5	69.6	139.4

Organics - Volatiles, Prep Batch ID: VF260319W4 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Matrix Spike (MS) (continued)

Lab Sample ID: 260319B11.8524508M, Parent Sample ID: S85245.07

Run in Batch: 260319B11, Run Date: 03/19/2026 23:59, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Methylene chloride		102.7	73.3	121.1
trans-1,2-Dichloroethene		105.9	73.6	129.3
1,1-Dichloroethane		105.1	71.5	126.2
cis-1,2-Dichloroethene		105.8	76.6	122.1
Tetrahydrofuran		99.0	59.0	117.9
Chloroform		103.5	78.4	124.0
Bromochloromethane		104.1	78.2	120.8
1,1,1-Trichloroethane		105.9	79.4	130.9
4-Methyl-2-pentanone (MIBK)		100.1	71.6	125.2
2-Hexanone		102.4	55.4	136.9
Carbon tetrachloride		110.8	72.6	133.0
Benzene		106.4	79.9	124.9
1,2-Dichloroethane		99.6	76.0	126.3
Trichloroethene		107.5	79.7	124.2
1,2-Dichloropropane		106.4	78.6	126.4
Bromodichloromethane		107.3	80.4	128.2
Dibromomethane		107.4	76.9	122.1
cis-1,3-Dichloropropene		108.3	79.8	129.9
Toluene		106.4	79.8	124.5
trans-1,3-Dichloropropene		108.7	74.0	131.3
1,1,2-Trichloroethane		105.7	78.7	123.1
Tetrachloroethene		108.0	74.5	124.5
trans-1,4-Dichloro-2-butene		73.0	68.6	135.4
Dibromochloromethane		109.8	74.6	127.2
1,2-Dibromoethane		108.9	70.3	133.7
Chlorobenzene		108.7	79.2	122.7
1,1,1,2-Tetrachloroethane		108.4	80.3	128.2
Ethylbenzene		106.7	79.5	129.1
p,m-Xylene		105.7	79.4	132.2
o-Xylene		101.6	80.2	131.0
Styrene		103.2	69.5	126.7
Isopropylbenzene		106.2	74.4	121.5
Bromoform		104.7	69.4	128.0
1,1,2,2-Tetrachloroethane		106.4	79.8	126.3
1,2,3-Trichloropropane		102.0	78.3	138.8
n-Propylbenzene		106.6	82.0	130.7
Bromobenzene		108.5	78.7	124.6
1,3,5-Trimethylbenzene		106.3	81.3	128.9
tert-Butylbenzene		103.6	80.7	128.9
1,2,4-Trimethylbenzene		104.6	81.4	130.8
sec-Butylbenzene		110.7	77.4	129.8
p-Isopropyltoluene		109.3	79.8	137.5
1,3-Dichlorobenzene		108.6	77.0	131.3
1,4-Dichlorobenzene		109.5	20.7	137.7
1,2-Dichlorobenzene		109.0	10.0	166.2
1,2,3-Trimethylbenzene		105.8	76.3	124.2

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260319W4 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Matrix Spike (MS) (continued)

Lab Sample ID: 260319B11.8524508M, Parent Sample ID: S85245.07

Run in Batch: 260319B11, Run Date: 03/19/2026 23:59, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
n-Butylbenzene		113.9	80.0	133.3
Hexachloroethane		117.0	23.8	138.1
1,2-Dibromo-3-chloropropane		112.9	21.2	189.4
1,2,4-Trichlorobenzene		124.7	27.4	143.4
1,2,3-Trichlorobenzene		126.7	75.4	131.4
Naphthalene		120.9	32.9	135.8
2-Methylnaphthalene		117.8	25.5	165.5

Matrix Spike Duplicate (MSD)

Lab Sample ID: 260319B11.8524509N, Parent Sample ID: 260319B11.8524508M

Run in Batch: 260319B11, Run Date: 03/20/2026 00:23, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Diethyl ether		99.8	67.4	121.2	2.3	30.0
Acetone		92.5	29.9	161.5	0.7	30.0
Methyl iodide	*	131.7	68.8	116.4	2.1	30.0
Carbon disulfide		106.2	63.8	137.4	2.4	30.0
tert-Methyl butyl ether (MTBE)		100.1	73.2	122.4	0.3	30.0
Acrylonitrile		99.3	69.9	128.9	2.0	30.0
2-Butanone (MEK)		93.5	44.0	134.4	1.0	30.0
Dichlorodifluoromethane		108.4	10.0	222.8	2.5	30.0
Chloromethane		102.4	23.8	166.5	3.3	30.0
Vinyl chloride		100.4	43.5	149.1	3.2	30.0
Bromomethane		112.0	56.8	151.3	4.7	30.0
Chloroethane		99.2	53.4	149.4	0.9	30.0
Trichlorofluoromethane		102.8	59.7	151.8	2.8	30.0
1,1-Dichloroethene		100.5	69.6	139.4	3.0	30.0
Methylene chloride		100.9	73.3	121.1	1.7	30.0
trans-1,2-Dichloroethene		103.0	73.6	129.3	2.7	30.0
1,1-Dichloroethane		102.8	71.5	126.2	2.2	30.0
cis-1,2-Dichloroethene		103.5	76.6	122.1	2.2	30.0
Tetrahydrofuran		100.2	59.0	117.9	1.2	30.0
Chloroform		101.7	78.4	124.0	1.7	30.0
Bromochloromethane		103.9	78.2	120.8	0.2	30.0
1,1,1-Trichloroethane		101.9	79.4	130.9	3.8	30.0
4-Methyl-2-pentanone (MIBK)		101.7	71.6	125.2	1.7	30.0
2-Hexanone		104.8	55.4	136.9	2.3	30.0
Carbon tetrachloride		108.2	72.6	133.0	2.4	30.0
Benzene		103.9	79.9	124.9	2.4	30.0
1,2-Dichloroethane		99.6	76.0	126.3	0.1	30.0
Trichloroethene		104.0	79.7	124.2	3.2	30.0
1,2-Dichloropropane		104.1	78.6	126.4	2.2	30.0
Bromodichloromethane		106.2	80.4	128.2	1.0	30.0
Dibromomethane		108.4	76.9	122.1	0.9	30.0
cis-1,3-Dichloropropene		107.5	79.8	129.9	0.7	30.0
Toluene		104.1	79.8	124.5	2.2	30.0
trans-1,3-Dichloropropene		108.4	74.0	131.3	0.2	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: VF260319W4 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Matrix Spike Duplicate (MSD) (continued)

Lab Sample ID: 260319B11.8524509N, Parent Sample ID: 260319B11.8524508M

Run in Batch: 260319B11, Run Date: 03/20/2026 00:23, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
1,1,2-Trichloroethane		104.9	78.7	123.1	0.7	30.0
Tetrachloroethene		105.3	74.5	124.5	2.6	30.0
trans-1,4-Dichloro-2-butene		77.3	68.6	135.4	5.7	30.0
Dibromochloromethane		108.2	74.6	127.2	1.4	30.0
1,2-Dibromoethane		107.1	70.3	133.7	1.7	30.0
Chlorobenzene		107.2	79.2	122.7	1.5	30.0
1,1,1,2-Tetrachloroethane		105.7	80.3	128.2	2.5	30.0
Ethylbenzene		104.2	79.5	129.1	2.4	30.0
p,m-Xylene		102.8	79.4	132.2	2.8	30.0
o-Xylene		99.4	80.2	131.0	2.1	30.0
Styrene		101.1	69.5	126.7	2.0	30.0
Isopropylbenzene		103.6	74.4	121.5	2.5	30.0
Bromoform		106.5	69.4	128.0	1.7	30.0
1,1,2,2-Tetrachloroethane		106.2	79.8	126.3	0.2	30.0
1,2,3-Trichloropropane		100.3	78.3	138.8	1.6	30.0
n-Propylbenzene		104.1	82.0	130.7	2.4	30.0
Bromobenzene		104.6	78.7	124.6	3.6	30.0
1,3,5-Trimethylbenzene		100.8	81.3	128.9	5.3	30.0
tert-Butylbenzene		100.3	80.7	128.9	3.2	30.0
1,2,4-Trimethylbenzene		102.1	81.4	130.8	2.4	30.0
sec-Butylbenzene		106.0	77.4	129.8	4.4	30.0
p-Isopropyltoluene		104.6	79.8	137.5	4.4	30.0
1,3-Dichlorobenzene		105.8	77.0	131.3	2.6	30.0
1,4-Dichlorobenzene		106.2	20.7	137.7	3.1	30.0
1,2-Dichlorobenzene		106.7	10.0	166.2	2.1	30.0
1,2,3-Trimethylbenzene		101.7	76.3	124.2	4.0	30.0
n-Butylbenzene		107.9	80.0	133.3	5.4	30.0
Hexachloroethane		110.5	23.8	138.1	5.7	30.0
1,2-Dibromo-3-chloropropane		111.9	21.2	189.4	1.0	30.0
1,2,4-Trichlorobenzene		116.7	27.4	143.4	6.6	30.0
1,2,3-Trichlorobenzene		117.7	75.4	131.4	7.4	30.0
Naphthalene		115.5	32.9	135.8	4.6	30.0
2-Methylnaphthalene		115.2	25.5	165.5	2.3	30.0



2680 East Lansing Dr., East Lansing, MI 48823
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www.meritlabs.com

C.O.C. PAGE # _____ OF _____

186047

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME Redney Able	
COMPANY Applied Ecosystems	
ADDRESS G-4300 South Saginaw Street	
CITY Burton	STATE MI ZIP CODE 48529
PHONE NO. 810 715 2525	CELL NO. 810 715 2526
E-MAIL ADDRESS rabable@appliedecosystems.com	QUOTE NO.

CONTACT NAME Julie McMahan		☐ SAME
COMPANY Revitalizing Auto Communities Env Response		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE NO. 313 486 2908	E-MAIL ADDRESS jmcmahan@racertrust.org	

PROJECT NO./NAME RACER Flint West #12990	SAMPLER(S) - PLEASE PRINT/SIGN NAME Hannah Neumann A/E
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER	
DELIVERABLES REQUIRED ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☒ OTHER 16 MDLs	

MATRIX W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID CODE: SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIFE A=AIR WS=WASTE	# Containers & Preservatives
--	------------------------------

MERIT LAB NO. FOR LAB USE ONLY	COLLECTION		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	OTHER	VC	Met	Mut	PFA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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RELINQUISHED BY: Hannah Neumann A/E	DATE 3/18/18 TIME 15:00
SIGNATURE/ORGANIZATION	
RECEIVED BY: J. Neumann	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	
RELINQUISHED BY: J. Neumann	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	
RECEIVED BY: M. Chilcote	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	

RELINQUISHED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
RECEIVED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
TEMP. ON ARRIVAL ICE (SOLID) ☒ BLUE ICE 3.0		
ICE (MELTED) ☐ NONE		

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE



Analytical Laboratory Report

Report ID: S85246.01(01)
Generated on 03/31/2026

Report to
Attention: Rodney Abke
Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525 FAX:
Email: rabke@appliedecosystems.com

Report produced by
Merit Laboratories, Inc.
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Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary
Lab Sample ID(s): S85246.01-S85246.11
Project: RACER Flint West #12990
Collected Date(s): 03/18/2026
Submitted Date/Time: 03/18/2026 16:00
Sampled by: Unknown
P.O. #: PO110793-TASK37

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Maya Murshak
Technical Director



Analytical Laboratory Report

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Starred (*) analytes are not NY NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.

For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

There is no additional narrative for this analytical report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
o	Associated EIS outside of control limits
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
q	Qualifier ion ratio outside of control limits
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Analytical Laboratory Report

Method Summary

Method	Version
ASTMD7979-19M	ASTM Method D7979 - 19 Modified (Isotopic Dilution)

Parameter Summary

Parameter	Synonym	Cas #
PFBA	Perfluorobutanoic Acid	375-22-4
PFPeA	Perfluoropentanoic Acid	2706-90-3
4:2 FTSA	4:2 Fluorotelomer Sulfonic Acid	757124-72-4
PFHxA	Perfluorohexanoic Acid	307-24-4
PFBS	Perfluorobutane sulfonic Acid	375-73-5
PFHpA	Perfluoroheptanoic Acid	375-85-9
PFPeS	Perfluoropentane Sulfonic Acid	2706-91-4
6:2 FTSA	6:2 Fluorotelomer Sulfonic Acid	27619-97-2
PFOA	Perfluorooctanoic Acid	335-67-1
PFHxS	Perfluorohexane Sulfonic Acid	355-46-4
PFHxS-LN	Perfluorohexane Sulfonic Acid - LN	355-46-4-LN
PFHxS-BR	Perfluorohexane Sulfonic Acid - BR	355-46-4-BR
PFNA	Perfluorononanoic Acid	375-95-1
8:2 FTSA	8:2 Fluorotelomer Sulfonic Acid	39108-34-4
PFHpS	Perfluoroheptane Sulfonic Acid	375-92-8
PFDA	Perfluorodecanoic Acid	335-76-2
N-MeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	2355-31-9
EtFOSAA	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	2991-50-6
PFOS	Perfluorooctane Sulfonic Acid	1763-23-1
PFOS-LN	Perfluorooctane Sulfonic Acid - LN	1763-23-1-LN
PFOS-BR	Perfluorooctane Sulfonic Acid - BR	1763-23-1-BR
PFUnDA	Perfluoroundecanoic Acid	2058-94-8
PFNS	Perfluorononane Sulfonic Acid	68259-12-1
PFDoDA	Perfluorododecanoic Acid	307-55-1
PFDS	Perfluorodecane Sulfonic Acid	335-77-3
PFTTrDA	Perfluorotridecanoic Acid	72629-94-8
FOSA	Perfluorooctane Sulfonamide	754-91-6
PFTeDA	Perfluorotetradecanoic Acid	376-06-7
11Cl-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	763051-92-9
9Cl-PF3ONS	9-chlorohexadecafluoro-3-oxanone1-sulfonic acid	756426-58-1
ADONA	4,8-dioxa-3H-perfluorononanoic acid	919005-14-4
HFPO-DA	Hexafluoropropylene oxide dimer	13252-13-6



Sample Summary (11 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S85246.01	MW-106SR-20260318	Liquid	03/18/26 09:50
S85246.02	MW-110S-20260318	Liquid	03/18/26 11:18
S85246.03	MW-114S-20260318	Liquid	03/18/26 12:50
S85246.04	MW-108S-20260318	Liquid	03/18/26 12:00
S85246.05	Dup-1-20260318	Liquid	03/18/26 00:01
S85246.06	MW-117S-20260318	Liquid	03/18/26 13:40
S85246.07	MW-103S-20260318	Liquid	03/18/26 14:26
S85246.08	MS (MW-103S-20260318)	Liquid	03/18/26 14:22
S85246.09	MSD (MW-103S-20260318)	Liquid	03/18/26 14:20
S85246.10	FB-2-20260318	Liquid	03/18/26 13:56
S85246.11	EB-2-20260318	Liquid	03/18/26 14:30



Analytical Laboratory Report

Lab Sample ID: S85246.01

Sample Tag: MW-106SR-20260318

Collected Date/Time: 03/18/2026 09:50

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.53/6.48/10	ASTMD7979-19M	03/19/26 10:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep1)	1.89/6.48/11	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 16:05, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	9.6	10	2.8	ng/L	2.03	375-22-4	J
PFPeA*	4.5	4.1	0.99	ng/L	2.03	2706-90-3	
4:2 FTSA*	Not detected	2.0	0.41	ng/L	2.03	757124-72-4	
PFHxA*	3.8	2.0	0.71	ng/L	2.03	307-24-4	
PFBS*	5.7	2.0	0.83	ng/L	2.03	375-73-5	
PFHpA*	2.9	2.0	0.77	ng/L	2.03	375-85-9	
PFPeS*	Not detected	2.0	0.37	ng/L	2.03	2706-91-4	
6:2 FTSA*	Not detected	2.0	0.97	ng/L	2.03	27619-97-2	
PFOA*	14	2.0	0.73	ng/L	2.03	335-67-1	
PFHxS*	2.0	2.0	0.75	ng/L	2.03	355-46-4	J
PFHxS-LN*	1.2	2.0	0.75	ng/L	2.03	355-46-4-LN	J
PFHxS-BR*	Not detected	2.0	0.75	ng/L	2.03	355-46-4-BR	
PFNA*	Not detected	2.0	1.3	ng/L	2.03	375-95-1	
8:2 FTSA*	Not detected	2.0	1.9	ng/L	2.03	39108-34-4	
PFHpS*	1.3	2.0	1.1	ng/L	2.03	375-92-8	J
PFDA*	Not detected	2.0	1.1	ng/L	2.03	335-76-2	
N-MeFOSAA*	Not detected	2.0	0.55	ng/L	2.03	2355-31-9	J
EtFOSAA*	Not detected	4.1	1.9	ng/L	2.03	2991-50-6	
PFOS*	20	2.0	1.6	ng/L	2.03	1763-23-1	
PFOS-LN*	5.2	2.0	1.6	ng/L	2.03	1763-23-1-LN	
PFOS-BR*	13	2.0	1.6	ng/L	2.03	1763-23-1-BR	
PFUnDA*	Not detected	2.0	0.75	ng/L	2.03	2058-94-8	
PFNS*	Not detected	2.0	0.71	ng/L	2.03	68259-12-1	
PFDODA*	Not detected	2.0	0.79	ng/L	2.03	307-55-1	
PFDS*	Not detected	2.0	1.3	ng/L	2.03	335-77-3	
PFTDA*	Not detected	2.0	0.97	ng/L	2.03	72629-94-8	I
FOSA*	Not detected	2.0	0.99	ng/L	2.03	754-91-6	I
PFTeDA*	Not detected	4.1	0.85	ng/L	2.03	376-06-7	I
11Cl-PF3OUdS*	Not detected	2.0	0.99	ng/L	2.03	763051-92-9	
9Cl-PF3ONS*	Not detected	2.0	0.49	ng/L	2.03	756426-58-1	
ADONA*	Not detected	2.0	0.53	ng/L	2.03	919005-14-4	
HFPO-DA*	Not detected	10	1.1	ng/L	2.03	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL

I-Matrix interference with internal standard



Analytical Laboratory Report

Lab Sample ID: S85246.02

Sample Tag: MW-110S-20260318

Collected Date/Time: 03/18/2026 11:18

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	12.28/6.48/12	ASTMD7979-19M	03/20/26 10:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 13:44, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	5.0	10	2.7	ng/L	2.07	375-22-4	J
PFPeA*	0.81	4.1	0.70	ng/L	2.07	2706-90-3	J
4:2 FTSA*	Not detected	2.1	1.8	ng/L	2.07	757124-72-4	
PFHxA*	Not detected	2.1	0.77	ng/L	2.07	307-24-4	
PFBS*	2.0	2.1	0.70	ng/L	2.07	375-73-5	J
PFHpA*	Not detected	2.1	0.85	ng/L	2.07	375-85-9	
PFPeS*	Not detected	2.1	0.89	ng/L	2.07	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.6	ng/L	2.07	27619-97-2	
PFOA*	Not detected	2.1	0.77	ng/L	2.07	335-67-1	
PFHxS*	Not detected	2.1	0.87	ng/L	2.07	355-46-4	
PFHxS-LN*	Not detected	2.1	0.87	ng/L	2.07	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	0.87	ng/L	2.07	355-46-4-BR	
PFNA*	Not detected	2.1	1.1	ng/L	2.07	375-95-1	
8:2 FTSA*	Not detected	2.1	1.7	ng/L	2.07	39108-34-4	
PFHpS*	Not detected	2.1	1.2	ng/L	2.07	375-92-8	
PFDA*	Not detected	2.1	0.58	ng/L	2.07	335-76-2	
N-MeFOSAA*	Not detected	2.1	1.9	ng/L	2.07	2355-31-9	
EtFOSAA*	Not detected	4.1	1.1	ng/L	2.07	2991-50-6	
PFOS*	Not detected	2.1	1.3	ng/L	2.07	1763-23-1	
PFOS-LN*	Not detected	2.1	1.3	ng/L	2.07	1763-23-1-LN	
PFOS-BR*	Not detected	2.1	1.3	ng/L	2.07	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.77	ng/L	2.07	2058-94-8	
PFNS*	Not detected	2.1	0.46	ng/L	2.07	68259-12-1	
PFDODA*	Not detected	2.1	0.50	ng/L	2.07	307-55-1	
PFDS*	Not detected	2.1	0.99	ng/L	2.07	335-77-3	
PFTTrDA*	Not detected	2.1	1.1	ng/L	2.07	72629-94-8	
FOSA*	Not detected	2.1	1.1	ng/L	2.07	754-91-6	
PFTeDA*	Not detected	4.1	0.81	ng/L	2.07	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	0.83	ng/L	2.07	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.89	ng/L	2.07	756426-58-1	
ADONA*	Not detected	2.1	0.56	ng/L	2.07	919005-14-4	
HFPO-DA*	Not detected	10	1.2	ng/L	2.07	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85246.03

Sample Tag: MW-114S-20260318

Collected Date/Time: 03/18/2026 12:50

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.82/6.48/11	ASTMD7979-19M	03/19/26 10:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep1)	11.33/6.48/11	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 16:25, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	11	3.2	ng/L	2.27	375-22-4	
PFPeA*	Not detected	4.5	1.1	ng/L	2.27	2706-90-3	
4:2 FTSA*	Not detected	2.3	0.45	ng/L	2.27	757124-72-4	
PFHxA*	Not detected	2.3	0.79	ng/L	2.27	307-24-4	
PFBS*	1.1	2.3	0.93	ng/L	2.27	375-73-5	J
PFHpA*	Not detected	2.3	0.86	ng/L	2.27	375-85-9	
PFPeS*	Not detected	2.3	0.41	ng/L	2.27	2706-91-4	
6:2 FTSA*	Not detected	2.3	1.1	ng/L	2.27	27619-97-2	
PFOA*	Not detected	2.3	0.82	ng/L	2.27	335-67-1	
PFHxS*	Not detected	2.3	0.84	ng/L	2.27	355-46-4	
PFHxS-LN*	Not detected	2.3	0.84	ng/L	2.27	355-46-4-LN	
PFHxS-BR*	Not detected	2.3	0.84	ng/L	2.27	355-46-4-BR	
PFNA*	Not detected	2.3	1.5	ng/L	2.27	375-95-1	
8:2 FTSA*	Not detected	2.3	2.1	ng/L	2.27	39108-34-4	
PFHpS*	Not detected	2.3	1.2	ng/L	2.27	375-92-8	
PFDA*	Not detected	2.3	1.2	ng/L	2.27	335-76-2	
N-MeFOSAA*	Not detected	2.3	0.61	ng/L	2.27	2355-31-9	
EtFOSAA*	Not detected	4.5	2.1	ng/L	2.27	2991-50-6	
PFOS*	2.7	2.3	1.8	ng/L	2.27	1763-23-1	
PFOS-LN*	Not detected	2.3	1.8	ng/L	2.27	1763-23-1-LN	
PFOS-BR*	Not detected	2.3	1.8	ng/L	2.27	1763-23-1-BR	
PFUnDA*	Not detected	2.3	0.84	ng/L	2.27	2058-94-8	
PFNS*	Not detected	2.3	0.79	ng/L	2.27	68259-12-1	
PFDODA*	Not detected	2.3	0.89	ng/L	2.27	307-55-1	
PFDS*	Not detected	2.3	1.4	ng/L	2.27	335-77-3	
PFTDA*	Not detected	2.3	1.1	ng/L	2.27	72629-94-8	
FOSA*	Not detected	2.3	1.1	ng/L	2.27	754-91-6	
PFTeDA*	Not detected	4.5	0.95	ng/L	2.27	376-06-7	
11Cl-PF3OUdS*	Not detected	2.3	1.1	ng/L	2.27	763051-92-9	
9Cl-PF3ONS*	Not detected	2.3	0.54	ng/L	2.27	756426-58-1	
ADONA*	Not detected	2.3	0.59	ng/L	2.27	919005-14-4	
HFPO-DA*	Not detected	11	1.2	ng/L	2.27	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85246.04
Sample Tag: MW-108S-20260318
Collected Date/Time: 03/18/2026 12:00
Matrix: Liquid
COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.88/6.48/11	ASTMD7979-19M	03/19/26 10:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep1)	1.33/6.48/10	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 16:45, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	10	2.9	ng/L	2.06	375-22-4	
PFPeA*	Not detected	4.1	1.0	ng/L	2.06	2706-90-3	
4:2 FTSA*	Not detected	2.1	0.41	ng/L	2.06	757124-72-4	
PFHxA*	Not detected	2.1	0.72	ng/L	2.06	307-24-4	
PFBS*	0.93	2.1	0.84	ng/L	2.06	375-73-5	J
PFHpA*	Not detected	2.1	0.78	ng/L	2.06	375-85-9	
PFPeS*	Not detected	2.1	0.37	ng/L	2.06	2706-91-4	
6:2 FTSA*	Not detected	2.1	0.99	ng/L	2.06	27619-97-2	
PFOA*	Not detected	2.1	0.74	ng/L	2.06	335-67-1	
PFHxS*	Not detected	2.1	0.76	ng/L	2.06	355-46-4	
PFHxS-LN*	Not detected	2.1	0.76	ng/L	2.06	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	0.76	ng/L	2.06	355-46-4-BR	
PFNA*	Not detected	2.1	1.3	ng/L	2.06	375-95-1	
8:2 FTSA*	Not detected	2.1	1.9	ng/L	2.06	39108-34-4	
PFHpS*	Not detected	2.1	1.1	ng/L	2.06	375-92-8	
PFDA*	Not detected	2.1	1.1	ng/L	2.06	335-76-2	
N-MeFOSAA*	Not detected	2.1	0.56	ng/L	2.06	2355-31-9	
EtFOSAA*	Not detected	4.1	1.9	ng/L	2.06	2991-50-6	
PFOS*	2.4	2.1	1.6	ng/L	2.06	1763-23-1	
PFOS-LN*	Not detected	2.1	1.6	ng/L	2.06	1763-23-1-LN	
PFOS-BR*	1.6	2.1	1.6	ng/L	2.06	1763-23-1-BR	J
PFUnDA*	Not detected	2.1	0.76	ng/L	2.06	2058-94-8	
PFNS*	Not detected	2.1	0.72	ng/L	2.06	68259-12-1	
PFDODA*	Not detected	2.1	0.80	ng/L	2.06	307-55-1	
PFDS*	Not detected	2.1	1.3	ng/L	2.06	335-77-3	
PFTDA*	Not detected	2.1	0.99	ng/L	2.06	72629-94-8	
FOSA*	Not detected	2.1	1.0	ng/L	2.06	754-91-6	
PFTeDA*	Not detected	4.1	0.87	ng/L	2.06	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.06	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.49	ng/L	2.06	756426-58-1	
ADONA*	Not detected	2.1	0.54	ng/L	2.06	919005-14-4	
HFPO-DA*	Not detected	10	1.1	ng/L	2.06	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85246.05

Sample Tag: Dup-1-20260318

Collected Date/Time: 03/18/2026 00:01

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.66/6.48/11	ASTMD7979-19M	03/19/26 10:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep1)	11.61/6.48/11	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 17:05, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	11	3.0	ng/L	2.14	375-22-4	
PFPeA*	Not detected	4.3	1.0	ng/L	2.14	2706-90-3	
4:2 FTSA*	Not detected	2.1	0.43	ng/L	2.14	757124-72-4	
PFHxA*	Not detected	2.1	0.75	ng/L	2.14	307-24-4	
PFBS*	1.0	2.1	0.88	ng/L	2.14	375-73-5	J
PFHpA*	Not detected	2.1	0.81	ng/L	2.14	375-85-9	
PFPeS*	Not detected	2.1	0.39	ng/L	2.14	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.0	ng/L	2.14	27619-97-2	
PFOA*	Not detected	2.1	0.77	ng/L	2.14	335-67-1	
PFHxS*	Not detected	2.1	0.79	ng/L	2.14	355-46-4	
PFHxS-LN*	Not detected	2.1	0.79	ng/L	2.14	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	0.79	ng/L	2.14	355-46-4-BR	
PFNA*	Not detected	2.1	1.4	ng/L	2.14	375-95-1	
8:2 FTSA*	Not detected	2.1	2.0	ng/L	2.14	39108-34-4	
PFHpS*	Not detected	2.1	1.1	ng/L	2.14	375-92-8	
PFDA*	Not detected	2.1	1.2	ng/L	2.14	335-76-2	
N-MeFOSAA*	Not detected	2.1	0.58	ng/L	2.14	2355-31-9	
EtFOSAA*	Not detected	4.3	2.0	ng/L	2.14	2991-50-6	
PFOS*	2.0	2.1	1.7	ng/L	2.14	1763-23-1	J
PFOS-LN*	Not detected	2.1	1.7	ng/L	2.14	1763-23-1-LN	
PFOS-BR*	Not detected	2.1	1.7	ng/L	2.14	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.79	ng/L	2.14	2058-94-8	
PFNS*	Not detected	2.1	0.75	ng/L	2.14	68259-12-1	
PFDODA*	Not detected	2.1	0.83	ng/L	2.14	307-55-1	
PFDS*	Not detected	2.1	1.3	ng/L	2.14	335-77-3	
PFTDA*	Not detected	2.1	1.0	ng/L	2.14	72629-94-8	
FOSA*	Not detected	2.1	1.0	ng/L	2.14	754-91-6	
PFTeDA*	Not detected	4.3	0.90	ng/L	2.14	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.14	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.51	ng/L	2.14	756426-58-1	
ADONA*	Not detected	2.1	0.56	ng/L	2.14	919005-14-4	
HFPO-DA*	Not detected	11	1.2	ng/L	2.14	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85246.06

Sample Tag: MW-117S-20260318

Collected Date/Time: 03/18/2026 13:40

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.66/6.48/11	ASTMD7979-19M	03/19/26 10:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep2)	2.17/6.48/12	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 17:25, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	12	11	3.0	ng/L	2.11	375-22-4	
PFPeA*	3.4	4.2	1.0	ng/L	2.11	2706-90-3	J
4:2 FTSA*	Not detected	2.1	0.42	ng/L	2.11	757124-72-4	
PFHxA*	Not detected	2.1	0.74	ng/L	2.11	307-24-4	
PFBS*	1.5	2.1	0.87	ng/L	2.11	375-73-5	J
PFHpA*	Not detected	2.1	0.80	ng/L	2.11	375-85-9	
PFPeS*	Not detected	2.1	0.38	ng/L	2.11	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.0	ng/L	2.11	27619-97-2	
PFOA*	1.4	2.1	0.76	ng/L	2.11	335-67-1	J
PFHxS*	0.99	2.1	0.78	ng/L	2.11	355-46-4	J
PFHxS-LN*	0.99	2.1	0.78	ng/L	2.11	355-46-4-LN	J
PFHxS-BR*	Not detected	2.1	0.78	ng/L	2.11	355-46-4-BR	
PFNA*	Not detected	2.1	1.4	ng/L	2.11	375-95-1	
8:2 FTSA*	Not detected	2.1	2.0	ng/L	2.11	39108-34-4	
PFHpS*	Not detected	2.1	1.1	ng/L	2.11	375-92-8	
PFDA*	Not detected	2.1	1.1	ng/L	2.11	335-76-2	
N-MeFOSAA*	Not detected	2.1	0.57	ng/L	2.11	2355-31-9	
EtFOSAA*	Not detected	4.2	2.0	ng/L	2.11	2991-50-6	
PFOS*	2.5	2.1	1.6	ng/L	2.11	1763-23-1	
PFOS-LN*	Not detected	2.1	1.6	ng/L	2.11	1763-23-1-LN	
PFOS-BR*	Not detected	2.1	1.6	ng/L	2.11	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.78	ng/L	2.11	2058-94-8	
PFNS*	Not detected	2.1	0.74	ng/L	2.11	68259-12-1	
PfDoDA*	Not detected	2.1	0.82	ng/L	2.11	307-55-1	
PFDS*	Not detected	2.1	1.3	ng/L	2.11	335-77-3	
PFTTrDA*	Not detected	2.1	1.0	ng/L	2.11	72629-94-8	
FOSA*	Not detected	2.1	1.0	ng/L	2.11	754-91-6	
PFTeDA*	Not detected	4.2	0.89	ng/L	2.11	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.11	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.51	ng/L	2.11	756426-58-1	
ADONA*	Not detected	2.1	0.55	ng/L	2.11	919005-14-4	
HFPO-DA*	Not detected	11	1.2	ng/L	2.11	13252-13-6	

J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85246.07
Sample Tag: MW-103S-20260318
Collected Date/Time: 03/18/2026 14:26
Matrix: Liquid
COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	12.21/6.48/12	ASTMD7979-19M	03/19/26 10:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep1)	11.71/6.48/11	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 17:45, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	19	2.9	ng/L	2.1	375-22-4	X
PFPeA*	Not detected	4.2	1.0	ng/L	2.1	2706-90-3	
4:2 FTSA*	Not detected	2.1	0.42	ng/L	2.1	757124-72-4	
PFHxA*	Not detected	2.1	0.74	ng/L	2.1	307-24-4	
PFBS*	1.8	2.1	0.86	ng/L	2.1	375-73-5	J
PFHpA*	Not detected	2.1	0.80	ng/L	2.1	375-85-9	
PFPeS*	Not detected	2.1	0.38	ng/L	2.1	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.0	ng/L	2.1	27619-97-2	
PFOA*	0.80	2.1	0.76	ng/L	2.1	335-67-1	J
PFHxS*	2.7	2.1	0.78	ng/L	2.1	355-46-4	
PFHxS-LN*	2.7	2.1	0.78	ng/L	2.1	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	0.78	ng/L	2.1	355-46-4-BR	
PFNA*	Not detected	2.1	1.4	ng/L	2.1	375-95-1	
8:2 FTSA*	Not detected	2.1	2.0	ng/L	2.1	39108-34-4	
PFHpS*	Not detected	2.1	1.1	ng/L	2.1	375-92-8	
PFDA*	Not detected	2.1	1.1	ng/L	2.1	335-76-2	
N-MeFOSAA*	Not detected	2.1	0.57	ng/L	2.1	2355-31-9	
EtFOSAA*	Not detected	4.2	2.0	ng/L	2.1	2991-50-6	
PFOS*	21	2.1	1.6	ng/L	2.1	1763-23-1	
PFOS-LN*	11	2.1	1.6	ng/L	2.1	1763-23-1-LN	
PFOS-BR*	8.9	2.1	1.6	ng/L	2.1	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.78	ng/L	2.1	2058-94-8	
PFNS*	Not detected	2.1	0.74	ng/L	2.1	68259-12-1	
PFDoDA*	Not detected	2.1	0.82	ng/L	2.1	307-55-1	
PFDS*	Not detected	2.1	1.3	ng/L	2.1	335-77-3	
PFTTrDA*	Not detected	2.1	1.0	ng/L	2.1	72629-94-8	
FOSA*	Not detected	2.1	1.0	ng/L	2.1	754-91-6	
PFTeDA*	Not detected	4.2	0.88	ng/L	2.1	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.1	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.50	ng/L	2.1	756426-58-1	
ADONA*	Not detected	2.1	0.55	ng/L	2.1	919005-14-4	
HFPO-DA*	Not detected	11	1.2	ng/L	2.1	13252-13-6	

X-Elevated reporting limit due to matrix interference
J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85246.08

Sample Tag: MS (MW-103S-20260318)

Collected Date/Time: 03/18/2026 14:22

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.52/6.48/10	ASTMD7979-19M	03/19/26 10:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep1)	1.84/6.48/11	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 18:05, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	110	10	2.9	ng/L	2.05	375-22-4	1
PFPeA*	99	4.1	1.0	ng/L	2.05	2706-90-3	1
4:2 FTSA*	96	2.1	0.41	ng/L	2.05	757124-72-4	1
PFHxA*	98	2.1	0.72	ng/L	2.05	307-24-4	1
PFBS*	110	2.1	0.84	ng/L	2.05	375-73-5	1
PFHpA*	100	2.1	0.78	ng/L	2.05	375-85-9	1
PFPeS*	110	2.1	0.37	ng/L	2.05	2706-91-4	1
6:2 FTSA*	90	2.1	0.98	ng/L	2.05	27619-97-2	1
PFOA*	82	2.1	0.74	ng/L	2.05	335-67-1	1
PFHxS*	100	2.1	0.76	ng/L	2.05	355-46-4	1
PFHxS-LN*	88	2.1	0.76	ng/L	2.05	355-46-4-LN	1
PFHxS-BR*	15	2.1	0.76	ng/L	2.05	355-46-4-BR	1
PFNA*	86	2.1	1.3	ng/L	2.05	375-95-1	1
8:2 FTSA*	91	2.1	1.9	ng/L	2.05	39108-34-4	1
PFHpS*	120	2.1	1.1	ng/L	2.05	375-92-8	1
PFDA*	98	2.1	1.1	ng/L	2.05	335-76-2	1
N-MeFOSAA*	110	2.1	0.55	ng/L	2.05	2355-31-9	1
EtFOSAA*	94	4.1	1.9	ng/L	2.05	2991-50-6	1
PFOS*	130	2.1	1.6	ng/L	2.05	1763-23-1	1
PFOS-LN*	81	2.1	1.6	ng/L	2.05	1763-23-1-LN	1
PFOS-BR*	44	2.1	1.6	ng/L	2.05	1763-23-1-BR	1
PFUnDA*	100	2.1	0.76	ng/L	2.05	2058-94-8	1
PFNS*	110	2.1	0.72	ng/L	2.05	68259-12-1	1
PFDoDA*	97	2.1	0.80	ng/L	2.05	307-55-1	1
PFDS*	100	2.1	1.3	ng/L	2.05	335-77-3	1
PFTTrDA*	100	2.1	0.98	ng/L	2.05	72629-94-8	1
FOSA*	110	2.1	1.0	ng/L	2.05	754-91-6	1
PFTeDA*	110	4.1	0.86	ng/L	2.05	376-06-7	1
11Cl-PF3OUdS*	110	2.1	1.0	ng/L	2.05	763051-92-9	1
9Cl-PF3ONS*	100	2.1	0.49	ng/L	2.05	756426-58-1	1
ADONA*	94	2.1	0.53	ng/L	2.05	919005-14-4	1
HFPO-DA*	110	10	1.1	ng/L	2.05	13252-13-6	1

1-spiked @ 103 ng/L



Analytical Laboratory Report

Lab Sample ID: S85246.09
Sample Tag: MSD (MW-103S-20260318)
Collected Date/Time: 03/18/2026 14:20
Matrix: Liquid
COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.53/6.48/10	ASTMD7979-19M	03/19/26 10:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep1)	1.89/6.48/11	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 18:25, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	120	10	2.8	ng/L	2.03	375-22-4	1
PFPeA*	99	4.1	0.99	ng/L	2.03	2706-90-3	1
4:2 FTSA*	110	2.0	0.41	ng/L	2.03	757124-72-4	1
PFHxA*	98	2.0	0.71	ng/L	2.03	307-24-4	1
PFBS*	100	2.0	0.83	ng/L	2.03	375-73-5	1
PFHpA*	98	2.0	0.77	ng/L	2.03	375-85-9	1
PFPeS*	110	2.0	0.37	ng/L	2.03	2706-91-4	1
6:2 FTSA*	96	2.0	0.97	ng/L	2.03	27619-97-2	1
PFOA*	88	2.0	0.73	ng/L	2.03	335-67-1	1
PFHxS*	110	2.0	0.75	ng/L	2.03	355-46-4	1
PFHxS-LN*	89	2.0	0.75	ng/L	2.03	355-46-4-LN	1
PFHxS-BR*	15	2.0	0.75	ng/L	2.03	355-46-4-BR	1
PFNA*	98	2.0	1.3	ng/L	2.03	375-95-1	1
8:2 FTSA*	110	2.0	1.9	ng/L	2.03	39108-34-4	1
PFHpS*	120	2.0	1.1	ng/L	2.03	375-92-8	1
PFDA*	96	2.0	1.1	ng/L	2.03	335-76-2	1
N-MeFOSAA*	100	2.0	0.55	ng/L	2.03	2355-31-9	1
EtFOSAA*	97	4.1	1.9	ng/L	2.03	2991-50-6	1
PFOS*	130	2.0	1.6	ng/L	2.03	1763-23-1	1
PFOS-LN*	84	2.0	1.6	ng/L	2.03	1763-23-1-LN	1
PFOS-BR*	41	2.0	1.6	ng/L	2.03	1763-23-1-BR	1
PFUnDA*	96	2.0	0.75	ng/L	2.03	2058-94-8	1
PFNS*	110	2.0	0.71	ng/L	2.03	68259-12-1	1
PFDODA*	97	2.0	0.79	ng/L	2.03	307-55-1	1
PFDS*	99	2.0	1.3	ng/L	2.03	335-77-3	1
PFTDA*	100	2.0	0.97	ng/L	2.03	72629-94-8	1
FOSA*	110	2.0	0.99	ng/L	2.03	754-91-6	1
PFTeDA*	100	4.1	0.85	ng/L	2.03	376-06-7	1
11Cl-PF3OUdS*	100	2.0	0.99	ng/L	2.03	763051-92-9	1
9Cl-PF3ONS*	95	2.0	0.49	ng/L	2.03	756426-58-1	1
ADONA*	90	2.0	0.53	ng/L	2.03	919005-14-4	1
HFPO-DA*	110	10	1.1	ng/L	2.03	13252-13-6	1

1-spiked @ 102 ng/L



Analytical Laboratory Report

Lab Sample ID: S85246.10
Sample Tag: FB-2-20260318
Collected Date/Time: 03/18/2026 13:56
Matrix: Liquid
COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	12.21/6.48/10	ASTMD7979-19M	03/19/26 10:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/30/26 19:22, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	8.8	2.5	ng/L	1.75	375-22-4	
PFPeA*	Not detected	3.5	0.86	ng/L	1.75	2706-90-3	
4:2 FTSA*	Not detected	1.8	0.35	ng/L	1.75	757124-72-4	
PFHxA*	7.7	1.8	0.61	ng/L	1.75	307-24-4	1
PFBS*	Not detected	1.8	0.72	ng/L	1.75	375-73-5	
PFHpA*	49	1.8	0.67	ng/L	1.75	375-85-9	1
PFPeS*	Not detected	1.8	0.32	ng/L	1.75	2706-91-4	
6:2 FTSA*	Not detected	1.8	0.84	ng/L	1.75	27619-97-2	
PFOA*	1.4	1.8	0.63	ng/L	1.75	335-67-1	J1
PFHxS*	Not detected	1.8	0.65	ng/L	1.75	355-46-4	
PFHxS-LN*	Not detected	1.8	0.65	ng/L	1.75	355-46-4-LN	
PFHxS-BR*	Not detected	1.8	0.65	ng/L	1.75	355-46-4-BR	
PFNA*	Not detected	1.8	1.1	ng/L	1.75	375-95-1	
8:2 FTSA*	Not detected	1.8	1.6	ng/L	1.75	39108-34-4	
PFHpS*	Not detected	1.8	0.93	ng/L	1.75	375-92-8	
PFDA*	Not detected	1.8	0.95	ng/L	1.75	335-76-2	
N-MeFOSAA*	Not detected	1.8	0.47	ng/L	1.75	2355-31-9	
EtFOSAA*	Not detected	3.5	1.6	ng/L	1.75	2991-50-6	
PFOS*	Not detected	1.8	1.4	ng/L	1.75	1763-23-1	
PFOS-LN*	Not detected	1.8	1.4	ng/L	1.75	1763-23-1-LN	
PFOS-BR*	Not detected	1.8	1.4	ng/L	1.75	1763-23-1-BR	
PFUnDA*	Not detected	1.8	0.65	ng/L	1.75	2058-94-8	
PFNS*	Not detected	1.8	0.61	ng/L	1.75	68259-12-1	
PFDODA*	Not detected	1.8	0.68	ng/L	1.75	307-55-1	
PFDS*	Not detected	1.8	1.1	ng/L	1.75	335-77-3	
PFTTrDA*	Not detected	1.8	0.84	ng/L	1.75	72629-94-8	
FOSA*	Not detected	1.8	0.86	ng/L	1.75	754-91-6	
PFTeDA*	Not detected	3.5	0.74	ng/L	1.75	376-06-7	
11Cl-PF3OUdS*	Not detected	1.8	0.86	ng/L	1.75	763051-92-9	
9Cl-PF3ONS*	Not detected	1.8	0.42	ng/L	1.75	756426-58-1	
ADONA*	Not detected	1.8	0.46	ng/L	1.75	919005-14-4	
HFPO-DA*	Not detected	8.8	0.96	ng/L	1.75	13252-13-6	

1-laboratory contamination -- no reextraction possible
J-Estimated value less than reporting limit, but greater than MDL



Analytical Laboratory Report

Lab Sample ID: S85246.11

Sample Tag: EB-2-20260318

Collected Date/Time: 03/18/2026 14:30

Matrix: Liquid

COC Reference: 186047

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.0	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.43/6.48/10	ASTMD7979-19M	03/19/26 10:00	KYD	
Initial wt. (g) / Final wt. (g) / Volume (ml) (Rep1)	11.72/6.48/11	ASTMD7979-19M	03/20/26 11:00	KYD	

Organics

28 PFAs, Method: ASTMD7979-19M, Run Date: 03/20/26 18:45, Analyst: KYD

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	11	2.9	ng/L	2.1	375-22-4	
PFPeA*	Not detected	4.2	1.0	ng/L	2.1	2706-90-3	
4:2 FTSA*	Not detected	2.1	0.42	ng/L	2.1	757124-72-4	
PFHxA*	Not detected	2.1	0.74	ng/L	2.1	307-24-4	
PFBS*	Not detected	2.1	0.86	ng/L	2.1	375-73-5	
PFHpA*	Not detected	2.1	0.80	ng/L	2.1	375-85-9	
PFPeS*	Not detected	2.1	0.38	ng/L	2.1	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.0	ng/L	2.1	27619-97-2	
PFOA*	Not detected	2.1	0.76	ng/L	2.1	335-67-1	
PFHxS*	Not detected	2.1	0.78	ng/L	2.1	355-46-4	
PFHxS-LN*	Not detected	2.1	0.78	ng/L	2.1	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	0.78	ng/L	2.1	355-46-4-BR	
PFNA*	Not detected	2.1	1.4	ng/L	2.1	375-95-1	
8:2 FTSA*	Not detected	2.1	2.0	ng/L	2.1	39108-34-4	
PFHpS*	Not detected	2.1	1.1	ng/L	2.1	375-92-8	
PFDA*	Not detected	2.1	1.1	ng/L	2.1	335-76-2	
N-MeFOSAA*	Not detected	2.1	0.57	ng/L	2.1	2355-31-9	
EtFOSAA*	Not detected	4.2	2.0	ng/L	2.1	2991-50-6	
PFOS*	Not detected	2.1	1.6	ng/L	2.1	1763-23-1	
PFOS-LN*	Not detected	2.1	1.6	ng/L	2.1	1763-23-1-LN	
PFOS-BR*	Not detected	2.1	1.6	ng/L	2.1	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.78	ng/L	2.1	2058-94-8	
PFNS*	Not detected	2.1	0.74	ng/L	2.1	68259-12-1	
PFDODA*	Not detected	2.1	0.82	ng/L	2.1	307-55-1	
PFDS*	Not detected	2.1	1.3	ng/L	2.1	335-77-3	
PFTTrDA*	Not detected	2.1	1.0	ng/L	2.1	72629-94-8	
FOSA*	Not detected	2.1	1.0	ng/L	2.1	754-91-6	
PFTeDA*	Not detected	4.2	0.88	ng/L	2.1	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.1	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	0.50	ng/L	2.1	756426-58-1	
ADONA*	Not detected	2.1	0.55	ng/L	2.1	919005-14-4	
HFPO-DA*	Not detected	11	1.2	ng/L	2.1	13252-13-6	

Merit Laboratories Login Checklist

Lab Set ID:S85246

Client:APPLIED (Applied Ecosystems)

Project: RACER Flint West #12990

Submitted:03/18/2026 16:00 Login User: MMC

Attention: Rodney Abke

Address: Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525

FAX:

Email: rabke@appliedecosystems.com

Selection	Description	Note
Sample Receiving		
01.	☒ Yes ☐ No ☐ N/A	Samples are received at 4C +/- 2C Thermometer # IR 3.0
02.	☒ Yes ☐ No ☐ N/A	Received on ice/ cooling process begun
03.	☐ Yes ☒ No ☐ N/A	Samples shipped
04.	☐ Yes ☒ No ☐ N/A	Samples left in 24 hr. drop box
05.	☐ Yes ☐ No ☒ N/A	Are there custody seals/tape or is the drop box locked
Chain of Custody		
06.	☒ Yes ☐ No ☐ N/A	COC adequately filled out
07.	☒ Yes ☐ No ☐ N/A	COC signed and relinquished to the lab
08.	☒ Yes ☐ No ☐ N/A	Sample tag on bottles match COC
09.	☐ Yes ☒ No ☐ N/A	Subcontracting needed? Subcontacted to:
Preservation		
10.	☒ Yes ☐ No ☐ N/A	Do sample have correct chemical preservation
11.	☐ Yes ☐ No ☒ N/A	Completed pH checks on preserved samples? (no VOAs)
12.	☐ Yes ☒ No ☐ N/A	Did any samples need to be preserved in the lab?
Bottle Conditions		
13.	☐ Yes ☒ No ☐ N/A	All bottles intact Sample .02 missing
14.	☒ Yes ☐ No ☐ N/A	Appropriate analytical bottles are used
15.	☒ Yes ☐ No ☐ N/A	Merit bottles used
16.	☒ Yes ☐ No ☐ N/A	Sufficient sample volume received
17.	☐ Yes ☒ No ☐ N/A	Samples require laboratory filtration
18.	☒ Yes ☐ No ☐ N/A	Samples submitted within holding time
19.	☐ Yes ☐ No ☒ N/A	Do water VOC, TOX, DO or Alkalinity bottles contain

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____



2680 East Lansing Dr., East Lansing, MI 48823
Phone (517) 332-0167 Fax (517) 332-4034
www.meritlabs.com

C.O.C. PAGE # _____ OF _____

186047

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME Redney Able	
COMPANY Applied Ecosystems	
ADDRESS G-4300 South Saginaw Street	
CITY Burton	STATE MI ZIP CODE 48529
PHONE NO. 810 715 2525	CELL NO. 810 715 2526
E-MAIL ADDRESS rabable@appliedecosystems.com	QUOTE NO. PO110734

CONTACT NAME Julie McMahan		☐ SAME
COMPANY Revitalizing Auto Communities Env Response		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE NO. 313 486 2908	E-MAIL ADDRESS jmcMahon@racertrust.org	

PROJECT NO./NAME RACER Flint West #12990	SAMPLER(S) - PLEASE PRINT/SIGN NAME Hannah Neumann A/E
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER	
DELIVERABLES REQUIRED ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☒ OTHER 16 MDLs	

MATRIX W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID CODE: SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIFE A=AIR WS=WASTE	# Containers & Preservatives
--	------------------------------

MERIT LAB NO. FOR LAB USE ONLY	COLLECTION		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	OTHER	VC Met Mut PFA										☐ Other _____			
	DATE	TIME																							Special Instructions	
5245/ 85246	01	3/18 9:50	MW-106SR-20260318		8		X		X				X	X	X	X										Metals include
	02	3/18 11:18	MW-110S-20260318		8		X		X				X	X	X	X										As, Cr-total, Cr-hex
	03	3/18 12:50	MW-114S-20260318		8		X		X				X	X	X	X										Cu, Pb, Se, Zn
	04	3/18 12:00	MW-108S-20260318		8		X		X				X	X	X	X										
	05	3/18 -	Dup-1-20260318		8		X		X				X	X	X	X										Samples for dissolved
	06	3/18 13:40	MW-117S-20260318		8		X		X				X	X	X	X										metals analyses
	07	3/18 14:26	MW-103S-20260318		8		X		X				X	X	X	X										require lab
	08	3/18 14:22	MS (MW-103S-20260318)		8		X		X				X	X	X	X										filtering
	09	3/18 14:20	MSD (MW-103S-20260318)		8		X		X				X	X	X	X										
	10	3/18 13:56	FB-2-20260318		8		X		X				X	X	X	X										* Include Task 6
	11	3/18 14:30	FB-2-20260318		8		X		X				X	X	X	X										on bill + Task
																										37 on bill

RELINQUISHED BY: Hannah Neumann A/E	DATE 3/18/18 TIME 15:00
SIGNATURE/ORGANIZATION	
RECEIVED BY: J. Neumann	DATE 3/18/18 TIME 18:00
SIGNATURE/ORGANIZATION	
RELINQUISHED BY: J. Neumann	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	
RECEIVED BY: M. Chilcote	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	

RELINQUISHED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
RECEIVED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
SEAL NO.	SEAL INTACT	INITIALS
	YES ☐ NO ☐	
SEAL NO.	SEAL INTACT	INITIALS
	YES ☐ NO ☐	
TEMP. ON ARRIVAL		
ICE (SOLID) ☒ BLUE ICE 3.0		
ICE (MELTED) ☐ NONE		

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE



Quality Control Report

Report ID: QC-S85246-01
Generated on 04/10/2026

Report to

Attention: Rodney Abke
Applied Ecosystems
G4300 S. Saginaw Street
Burton, MI 48529

Phone: 810-715-2525 FAX:

Report Produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S85246.01-S85246.11
Project: RACER Flint West #12990
Submitted Date/Time: 03/18/2026 16:00
Sampled by: Unknown
P.O. #: PO110793-TASK37

QC Report Sections

Cover Page (Page 1)
Analysis Summary (Pages 2-12)
Prep Batch Summary (Page 13)
Internal Standards per Lab Sample (Pages 14-22)
Internal Standards per QC Sample (Pages 23-37)
Batch QC Results (Pages 38-52)

Report Flag Descriptions

*: QC result is outside of indicated control limits
W: Surrogate result not applicable due to sample dilution

I certify that this data package is in compliance with the terms and conditions of the program, and project, and contractual requirements both technically and for completeness. Release of the data contained in this hardcopy data package and its computer-readable data submitted has been authorized by the Quality Assurance Manager and his/her designee, as verified by the following signature.

Barbara Ball
Quality Assurance Manager

QC Report - Analysis Summary

Lab Sample ID: S85246.01
Sample Tag: MW-106SR-20260318
Collected Date/Time: 03/18/2026 09:50
Matrix: Liquid
COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 16:05	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85246.02
Sample Tag: MW-110S-20260318
Collected Date/Time: 03/18/2026 11:18
Matrix: Liquid
COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 13:44	AK260320W1	PF260320W2	Yes	BLK/LCS/LCSD/MS/DU

QC Report - Analysis Summary

Lab Sample ID: S85246.03
Sample Tag: MW-114S-20260318
Collected Date/Time: 03/18/2026 12:50
Matrix: Liquid
COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 16:25	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85246.04
Sample Tag: MW-108S-20260318
Collected Date/Time: 03/18/2026 12:00
Matrix: Liquid
COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 16:45	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85246.05
Sample Tag: Dup-1-20260318
Collected Date/Time: 03/18/2026 00:01
Matrix: Liquid
COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 17:05	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85246.06
Sample Tag: MW-117S-20260318
Collected Date/Time: 03/18/2026 13:40
Matrix: Liquid
COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 17:25	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85246.07

Sample Tag: MW-103S-20260318

Collected Date/Time: 03/18/2026 14:26

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 17:45	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85246.08
Sample Tag: MS (MW-103S-20260318)
Collected Date/Time: 03/18/2026 14:22
Matrix: Liquid
COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 18:05	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85246.09

Sample Tag: MSD (MW-103S-20260318)

Collected Date/Time: 03/18/2026 14:20

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 18:25	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85246.10

Sample Tag: FB-2-20260318

Collected Date/Time: 03/18/2026 13:56

Matrix: Liquid

COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/30/26 19:22	SE260330	PF260319W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Analysis Summary

Lab Sample ID: S85246.11
Sample Tag: EB-2-20260318
Collected Date/Time: 03/18/2026 14:30
Matrix: Liquid
COC Reference: 186047

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Organics - Volatiles						
28 PFAs	ASTMD7979-19M	03/20/26 18:45	SE260320	PF260320W1	Yes	BLK/LCS/LCSD/MS/MS

QC Report - Prep Batch Summary

Organics - Volatiles, Prep Batch ID: PF260319W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85246.10	28 PFAs	ASTMD7979-19M	03/30/26 19:22	SE260330

Organics - Volatiles, Prep Batch ID: PF260320W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85246.01	28 PFAs	ASTMD7979-19M	03/20/26 16:05	SE260320
S85246.03	28 PFAs	ASTMD7979-19M	03/20/26 16:25	SE260320
S85246.04	28 PFAs	ASTMD7979-19M	03/20/26 16:45	SE260320
S85246.05	28 PFAs	ASTMD7979-19M	03/20/26 17:05	SE260320
S85246.06	28 PFAs	ASTMD7979-19M	03/20/26 17:25	SE260320
S85246.07	28 PFAs	ASTMD7979-19M	03/20/26 17:45	SE260320
S85246.08	28 PFAs	ASTMD7979-19M	03/20/26 18:05	SE260320
S85246.09	28 PFAs	ASTMD7979-19M	03/20/26 18:25	SE260320
S85246.11	28 PFAs	ASTMD7979-19M	03/20/26 18:45	SE260320

Organics - Volatiles, Prep Batch ID: PF260320W2

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S85246.02	28 PFAs	ASTMD7979-19M	03/20/26 13:44	AK260320W1

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85246.01

Sample Tag: MW-106SR-20260318

Collected Date/Time: 03/18/2026 09:50

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 16:05, Matrix: WW, Dilution: 2.03

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		96.5	50.0	150.0
M2-6:2FTSA		109.9	50.0	150.0
M2-8:2FTSA		113.6	50.0	150.0
M2PFTeDA	*	219.2	12.0	218.0
M3PFBS		104.4	50.0	150.0
M3PFHxS		107.3	50.0	150.0
M4PFHpA		114.1	50.0	150.0
M5PFHxA		113.0	50.0	150.0
M5PFPeA		106.2	50.0	150.0
M6PFDA		112.6	50.0	150.0
M7PFUnDA		117.2	50.0	150.0
M8FOSA	*	177.9	50.0	150.0
M8PFOA		116.3	50.0	150.0
M8PFOS		106.7	50.0	150.0
M9-PFNA		112.0	50.0	150.0
MPFBA		96.2	50.0	150.0
MPFDoDA		133.3	50.0	150.0
d3N-MeFOSAA		108.7	50.0	150.0
d5EtFOSAA		113.6	50.0	150.0
MHFPO-DA		107.0	50.0	150.0
d-N-EtFOSA-M	*	160.6	50.0	150.0
d-N-MeFOSA-M	*	169.7	50.0	150.0
d7-N-MeFOSE-M	*	252.5	50.0	150.0
d9-N-EtFOSE-M	*	236.2	50.0	150.0
M6PFTTrDA	*	166.0	50.0	150.0
13C3PFPrA		118.3	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85246.02

Sample Tag: MW-110S-20260318

Collected Date/Time: 03/18/2026 11:18

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: AK260320W1, Run Date: 03/20/2026 13:44, Matrix: WW, Dilution: 2.07

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		84.2	50.0	150.0
M2-6:2FTSA		90.9	50.0	150.0
M2-8:2FTSA		87.5	50.0	150.0
M2PFTeDA		104.3	12.0	218.0
M3PFBS		107.6	50.0	150.0
M3PFHxS		109.5	50.0	150.0
M4PFHpA		110.4	50.0	150.0
M5PFHxA		111.7	50.0	150.0
M5PFPeA		108.7	50.0	150.0
M6PFDA		106.3	50.0	150.0
M7PFUnDA		107.4	50.0	150.0
M8FOSA		106.5	50.0	150.0
M8PFOA		101.7	50.0	150.0
M8PFOS		114.6	50.0	150.0
M9-PFNA		101.0	50.0	150.0
MPFBA		110.3	50.0	150.0
MPFDoDA		103.8	50.0	150.0
d3N-MeFOSAA		97.7	50.0	150.0
d5EtFOSAA		109.5	50.0	150.0
MHFPO-DA		98.7	50.0	150.0
d-N-EtFOSA-M		124.3	50.0	150.0
d-N-MeFOSA-M		106.4	50.0	150.0
d7-N-MeFOSE-M		94.5	50.0	150.0
d9-N-EtFOSE-M		89.0	50.0	150.0
M6PFTrDA		100.3	50.0	150.0
13C3PFPrA		108.1	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85246.03

Sample Tag: MW-114S-20260318

Collected Date/Time: 03/18/2026 12:50

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 16:25, Matrix: WW, Dilution: 2.27

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		97.2	50.0	150.0
M2-6:2FTSA		110.5	50.0	150.0
M2-8:2FTSA		114.1	50.0	150.0
M2PFTeDA		195.3	12.0	218.0
M3PFBS		108.4	50.0	150.0
M3PFHxS		115.0	50.0	150.0
M4PFHpA		110.8	50.0	150.0
M5PFHxA		109.7	50.0	150.0
M5PFPeA		110.3	50.0	150.0
M6PFDA		116.3	50.0	150.0
M7PFUnDA		111.0	50.0	150.0
M8FOSA		148.1	50.0	150.0
M8PFOA		114.8	50.0	150.0
M8PFOS		108.7	50.0	150.0
M9-PFNA		111.6	50.0	150.0
MPFBA		95.9	50.0	150.0
MPFDoDA		121.4	50.0	150.0
d3N-MeFOSAA		110.3	50.0	150.0
d5EtFOSAA		118.8	50.0	150.0
MHFPO-DA		109.4	50.0	150.0
d-N-EtFOSA-M	*	153.5	50.0	150.0
d-N-MeFOSA-M	*	169.5	50.0	150.0
d7-N-MeFOSE-M	*	246.1	50.0	150.0
d9-N-EtFOSE-M	*	230.4	50.0	150.0
M6PFTTrDA		140.9	50.0	150.0
13C3PFPrA		119.0	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85246.04

Sample Tag: MW-108S-20260318

Collected Date/Time: 03/18/2026 12:00

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 16:45, Matrix: WW, Dilution: 2.06

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		96.1	50.0	150.0
M2-6:2FTSA		112.8	50.0	150.0
M2-8:2FTSA		103.8	50.0	150.0
M2PFTeDA		165.8	12.0	218.0
M3PFBS		106.1	50.0	150.0
M3PFHxS		108.7	50.0	150.0
M4PFHpA		108.7	50.0	150.0
M5PFHxA		104.3	50.0	150.0
M5PFPeA		106.2	50.0	150.0
M6PFDA		107.7	50.0	150.0
M7PFUnDA		104.8	50.0	150.0
M8FOSA		132.7	50.0	150.0
M8PFOA		109.8	50.0	150.0
M8PFOS		107.4	50.0	150.0
M9-PFNA		110.9	50.0	150.0
MPFBA		93.2	50.0	150.0
MPFDoDA		114.2	50.0	150.0
d3N-MeFOSAA		106.7	50.0	150.0
d5EtFOSAA		119.4	50.0	150.0
MHFPO-DA		99.8	50.0	150.0
d-N-EtFOSA-M		134.2	50.0	150.0
d-N-MeFOSA-M		148.6	50.0	150.0
d7-N-MeFOSE-M	*	204.8	50.0	150.0
d9-N-EtFOSE-M	*	195.1	50.0	150.0
M6PFTrDA		130.3	50.0	150.0
13C3PFPrA		114.1	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85246.05

Sample Tag: Dup-1-20260318

Collected Date/Time: 03/18/2026 00:01

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 17:05, Matrix: WW, Dilution: 2.14

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		94.5	50.0	150.0
M2-6:2FTSA		99.6	50.0	150.0
M2-8:2FTSA		110.3	50.0	150.0
M2PFTeDA		166.4	12.0	218.0
M3PFBS		103.2	50.0	150.0
M3PFHxS		106.8	50.0	150.0
M4PFHpA		113.0	50.0	150.0
M5PFHxA		105.2	50.0	150.0
M5PFPeA		103.7	50.0	150.0
M6PFDA		107.1	50.0	150.0
M7PFUnDA		111.5	50.0	150.0
M8FOSA		122.1	50.0	150.0
M8PFOA		111.8	50.0	150.0
M8PFOS		105.8	50.0	150.0
M9-PFNA		105.5	50.0	150.0
MPFBA		90.6	50.0	150.0
MPFDoDA		109.3	50.0	150.0
d3N-MeFOSAA		107.3	50.0	150.0
d5EtFOSAA		112.9	50.0	150.0
MHFPO-DA		98.8	50.0	150.0
d-N-EtFOSA-M		127.4	50.0	150.0
d-N-MeFOSA-M		131.9	50.0	150.0
d7-N-MeFOSE-M	*	183.9	50.0	150.0
d9-N-EtFOSE-M	*	165.5	50.0	150.0
M6PFTTrDA		119.1	50.0	150.0
13C3PFPrA		115.2	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85246.06

Sample Tag: MW-117S-20260318

Collected Date/Time: 03/18/2026 13:40

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 17:25, Matrix: WW, Dilution: 2.11

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		91.5	50.0	150.0
M2-6:2FTSA		113.9	50.0	150.0
M2-8:2FTSA		97.6	50.0	150.0
M2PFTeDA		164.3	12.0	218.0
M3PFBS		107.0	50.0	150.0
M3PFHxS		111.6	50.0	150.0
M4PFHpA		107.4	50.0	150.0
M5PFHxA		112.3	50.0	150.0
M5PFPeA		110.5	50.0	150.0
M6PFDA		113.3	50.0	150.0
M7PFUnDA		106.3	50.0	150.0
M8FOSA		123.0	50.0	150.0
M8PFOA		119.6	50.0	150.0
M8PFOS		110.0	50.0	150.0
M9-PFNA		109.7	50.0	150.0
MPFBA		99.5	50.0	150.0
MPFDoDA		118.0	50.0	150.0
d3N-MeFOSAA		104.5	50.0	150.0
d5EtFOSAA		121.9	50.0	150.0
MHFPO-DA		102.3	50.0	150.0
d-N-EtFOSA-M		124.0	50.0	150.0
d-N-MeFOSA-M		138.5	50.0	150.0
d7-N-MeFOSE-M	*	172.6	50.0	150.0
d9-N-EtFOSE-M	*	158.4	50.0	150.0
M6PFTrDA		127.1	50.0	150.0
13C3PFPrA		119.4	50.0	150.0

Lab Sample ID: S85246.07

Sample Tag: MW-103S-20260318

Collected Date/Time: 03/18/2026 14:26

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 17:45, Matrix: WW, Dilution: 2.1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		92.0	50.0	150.0
M2-6:2FTSA		97.6	50.0	150.0
M2-8:2FTSA		114.0	50.0	150.0
M2PFTeDA		138.9	12.0	218.0
M3PFBS		105.3	50.0	150.0
M3PFHxS		106.2	50.0	150.0
M4PFHpA		111.6	50.0	150.0
M5PFHxA		110.9	50.0	150.0
M5PFPeA		105.4	50.0	150.0
M6PFDA		116.6	50.0	150.0
M7PFUnDA		105.5	50.0	150.0
M8FOSA		117.1	50.0	150.0
M8PFOA		110.0	50.0	150.0
M8PFOS		107.1	50.0	150.0
M9-PFNA		111.9	50.0	150.0
MPFBA		111.0	50.0	150.0
MPFDoDA		113.6	50.0	150.0
d3N-MeFOSAA		107.0	50.0	150.0
d5EtFOSAA		113.2	50.0	150.0
MHFPO-DA		101.7	50.0	150.0
d-N-EtFOSA-M		114.8	50.0	150.0
d-N-MeFOSA-M		128.1	50.0	150.0
d7-N-MeFOSE-M		147.1	50.0	150.0
d9-N-EtFOSE-M		140.6	50.0	150.0
M6PFTrDA		118.5	50.0	150.0
13C3PFPrA		118.6	50.0	150.0

Lab Sample ID: S85246.10

Sample Tag: FB-2-20260318

Collected Date/Time: 03/18/2026 13:56

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260330, Run Date: 03/30/2026 19:22, Matrix: WW, Dilution: 1.75

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		85.3	50.0	150.0
M2-6:2FTSA		83.5	50.0	150.0
M2-8:2FTSA		76.1	50.0	150.0
M2PFTeDA		102.8	12.0	218.0
M3PFBS		96.9	50.0	150.0
M3PFHxS		98.0	50.0	150.0
M4PFHpA		85.3	50.0	150.0
M5PFHxA		92.9	50.0	150.0
M5PFPeA		97.3	50.0	150.0
M6PFDA		95.3	50.0	150.0
M7PFUnDA		83.4	50.0	150.0
M8FOSA		90.5	50.0	150.0
M8PFOA		98.5	50.0	150.0
M8PFOS		103.7	50.0	150.0
M9-PFNA		91.0	50.0	150.0
MPFBA		96.4	50.0	150.0
MPFDoDA		81.8	50.0	150.0
d3N-MeFOSAA		74.3	50.0	150.0
d5EtFOSAA		71.6	50.0	150.0
MHFPO-DA		92.8	50.0	150.0
d-N-EtFOSA-M		92.7	50.0	150.0
d-N-MeFOSA-M		94.3	50.0	150.0
d7-N-MeFOSE-M		87.5	50.0	150.0
d9-N-EtFOSE-M		92.1	50.0	150.0
M6PFTrDA		88.8	50.0	150.0
13C3PFPrA		90.7	50.0	150.0

QC Report - Internal Standards per Lab Sample

Lab Sample ID: S85246.11

Sample Tag: EB-2-20260318

Collected Date/Time: 03/18/2026 14:30

Matrix: Liquid

COC Reference: 186047

Organics - Volatiles, Analysis: 28 PFAs

Run in Batch: SE260320, Run Date: 03/20/2026 18:45, Matrix: WW, Dilution: 2.1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		110.4	50.0	150.0
M2-6:2FTSA		120.8	50.0	150.0
M2-8:2FTSA		126.5	50.0	150.0
M2PFTeDA		128.9	12.0	218.0
M3PFBS		112.6	50.0	150.0
M3PFHxS		114.1	50.0	150.0
M4PFHpA		112.6	50.0	150.0
M5PFHxA		117.3	50.0	150.0
M5PFPeA		114.9	50.0	150.0
M6PFDA		114.7	50.0	150.0
M7PFUnDA		114.8	50.0	150.0
M8FOSA		118.4	50.0	150.0
M8PFOA		123.8	50.0	150.0
M8PFOS		112.9	50.0	150.0
M9-PFNA		114.3	50.0	150.0
MPFBA		102.5	50.0	150.0
MPFDoDA		113.2	50.0	150.0
d3N-MeFOSAA		118.1	50.0	150.0
d5EtFOSAA		120.3	50.0	150.0
MHFPO-DA		110.9	50.0	150.0
d-N-EtFOSA-M		114.1	50.0	150.0
d-N-MeFOSA-M		123.7	50.0	150.0
d7-N-MeFOSE-M		143.2	50.0	150.0
d9-N-EtFOSE-M		130.9	50.0	150.0
M6PFTrDA		111.2	50.0	150.0
13C3PFPrA		106.5	50.0	150.0

QC Report - Internal Standards per QC Sample

Organics - Volatiles, Prep Batch ID: PF260319W1

QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK)

Lab Sample ID: SE260319.BLK260319

Run in Batch: SE260319, Run Date: 03/19/2026 13:47, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		99.5	50.0	150.0
M2-6:2FTSA		99.8	50.0	150.0
M2-8:2FTSA		92.9	50.0	150.0
M2PFTeDA		111.9	12.0	218.0
M3PFBS		99.5	50.0	150.0
M3PFHxS		102.1	50.0	150.0
M4PFHpA		100.4	50.0	150.0
M5PFHxA		101.0	50.0	150.0
M5PFPeA		103.1	50.0	150.0
M6PFDA		105.1	50.0	150.0
M7PFUnDA		97.0	50.0	150.0
M8FOSA		100.0	50.0	150.0
M8PFOA		100.1	50.0	150.0
M8PFOS		101.3	50.0	150.0
M9-PFNA		100.9	50.0	150.0
MPFBA		100.8	50.0	150.0
MPFDoDA		105.4	50.0	150.0
d3N-MeFOSAA		101.4	50.0	150.0
d5EtFOSAA		96.0	50.0	150.0
MHFPO-DA		96.3	50.0	150.0
d-N-EtFOSA-M		92.0	50.0	150.0
d-N-MeFOSA-M		97.4	50.0	150.0
d7-N-MeFOSE-M		100.8	50.0	150.0
d9-N-EtFOSE-M		91.7	50.0	150.0
M6PFTTrDA		101.7	50.0	150.0
13C3PFPrA		80.6	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample (LCS)

Lab Sample ID: SE260319.LCS_260319

Run in Batch: SE260319, Run Date: 03/19/2026 15:52, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		105.2	50.0	150.0
M2-6:2FTSA		104.9	50.0	150.0
M2-8:2FTSA		107.8	50.0	150.0
M2PFTeDA		93.4	12.0	218.0
M3PFBS		101.9	50.0	150.0
M3PFHxS		100.5	50.0	150.0
M4PFHpA		102.4	50.0	150.0
M5PFHxA		103.4	50.0	150.0
M5PFPeA		105.7	50.0	150.0
M6PFDA		110.3	50.0	150.0
M7PFUnDA		103.9	50.0	150.0
M8FOSA		101.5	50.0	150.0
M8PFOA		104.2	50.0	150.0
M8PFOS		104.0	50.0	150.0
M9-PFNA		104.0	50.0	150.0
MPFBA		102.0	50.0	150.0
MPFDoDA		102.2	50.0	150.0
d3N-MeFOSAA		99.4	50.0	150.0
d5EtFOSAA		99.5	50.0	150.0
MHFPO-DA		94.7	50.0	150.0
d-N-EtFOSA-M		91.7	50.0	150.0
d-N-MeFOSA-M		100.5	50.0	150.0
d7-N-MeFOSE-M		97.0	50.0	150.0
d9-N-EtFOSE-M		90.8	50.0	150.0
M6PFTrDA		99.4	50.0	150.0
13C3PFPrA		96.4	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: SE260319.LCSD_260319, Parent Sample ID: SE260319.LCS_260319

Run in Batch: SE260319, Run Date: 03/19/2026 16:12, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		99.4	50.0	150.0
M2-6:2FTSA		97.2	50.0	150.0
M2-8:2FTSA		94.3	50.0	150.0
M2PFTeDA		85.8	12.0	218.0
M3PFBS		95.6	50.0	150.0
M3PFHxS		98.1	50.0	150.0
M4PFHpA		97.2	50.0	150.0
M5PFHxA		96.5	50.0	150.0
M5PFPeA		102.5	50.0	150.0
M6PFDA		99.3	50.0	150.0
M7PFUnDA		94.8	50.0	150.0
M8FOSA		99.8	50.0	150.0
M8PFOA		94.5	50.0	150.0
M8PFOS		97.3	50.0	150.0
M9-PFNA		102.2	50.0	150.0
MPFBA		96.5	50.0	150.0
MPFDoDA		93.6	50.0	150.0
d3N-MeFOSAA		99.8	50.0	150.0
d5EtFOSAA		91.6	50.0	150.0
MHFPO-DA		86.3	50.0	150.0
d-N-EtFOSA-M		90.0	50.0	150.0
d-N-MeFOSA-M		97.6	50.0	150.0
d7-N-MeFOSE-M		93.6	50.0	150.0
d9-N-EtFOSE-M		86.5	50.0	150.0
M6PFTrDA		91.3	50.0	150.0
13C3PFPrA		99.2	50.0	150.0

QC Report - Internal Standards per QC Sample

Matrix Spike (MS)

Lab Sample ID: SE260319.8524608M, Parent Sample ID: S85246.07

Run in Batch: SE260319, Run Date: 03/19/2026 18:32, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1.98

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		93.9	50.0	150.0
M2-6:2FTSA		94.9	50.0	150.0
M2-8:2FTSA		89.8	50.0	150.0
M2PFTeDA		125.6	12.0	218.0
M3PFBS		106.5	50.0	150.0
M3PFHxS		103.0	50.0	150.0
M4PFHpA		110.3	50.0	150.0
M5PFHxA		105.1	50.0	150.0
M5PFPeA		110.4	50.0	150.0
M6PFDA		116.7	50.0	150.0
M7PFUnDA		108.5	50.0	150.0
M8FOSA		111.1	50.0	150.0
M8PFOA		103.5	50.0	150.0
M8PFOS		106.3	50.0	150.0
M9-PFNA		115.1	50.0	150.0
MPFBA		105.6	50.0	150.0
MPFDoDA		112.7	50.0	150.0
d3N-MeFOSAA		105.9	50.0	150.0
d5EtFOSAA		100.1	50.0	150.0
MHFPO-DA		88.2	50.0	150.0
d-N-EtFOSA-M		95.0	50.0	150.0
d-N-MeFOSA-M		106.2	50.0	150.0
d7-N-MeFOSE-M		96.1	50.0	150.0
d9-N-EtFOSE-M		95.3	50.0	150.0
M6PFTrDA		109.9	50.0	150.0
13C3PFPrA		109.9	50.0	150.0

QC Report - Internal Standards per QC Sample

Matrix Spike Duplicate (MSD)

Lab Sample ID: SE260319.8524609N, Parent Sample ID: SE260319.8524608M

Run in Batch: SE260319, Run Date: 03/19/2026 18:52, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1.98

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		102.2	50.0	150.0
M2-6:2FTSA		93.5	50.0	150.0
M2-8:2FTSA		90.0	50.0	150.0
M2PFTeDA		122.5	12.0	218.0
M3PFBS		102.6	50.0	150.0
M3PFHxS		101.5	50.0	150.0
M4PFHpA		101.5	50.0	150.0
M5PFHxA		102.6	50.0	150.0
M5PFPeA		103.1	50.0	150.0
M6PFDA		106.8	50.0	150.0
M7PFUnDA		106.9	50.0	150.0
M8FOSA		106.6	50.0	150.0
M8PFOA		101.9	50.0	150.0
M8PFOS		99.3	50.0	150.0
M9-PFNA		98.0	50.0	150.0
MPFBA		101.0	50.0	150.0
MPFDoDA		112.4	50.0	150.0
d3N-MeFOSAA		98.4	50.0	150.0
d5EtFOSAA		98.6	50.0	150.0
MHFPO-DA		86.7	50.0	150.0
d-N-EtFOSA-M		92.8	50.0	150.0
d-N-MeFOSA-M		99.8	50.0	150.0
d7-N-MeFOSE-M		93.4	50.0	150.0
d9-N-EtFOSE-M		90.2	50.0	150.0
M6PFTrDA		113.3	50.0	150.0
13C3PFPrA		104.6	50.0	150.0

QC Report - Internal Standards per QC Sample

Organics - Volatiles, Prep Batch ID: PF260320W1

QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK)

Lab Sample ID: SE260320.BLK260320

Run in Batch: SE260320, Run Date: 03/20/2026 12:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		97.4	50.0	150.0
M2-6:2FTSA		100.8	50.0	150.0
M2-8:2FTSA		109.4	50.0	150.0
M2PFTeDA		105.0	12.0	218.0
M3PFBS		100.2	50.0	150.0
M3PFHxS		100.8	50.0	150.0
M4PFHpA		103.5	50.0	150.0
M5PFHxA		103.2	50.0	150.0
M5PFPeA		101.9	50.0	150.0
M6PFDA		107.4	50.0	150.0
M7PFUnDA		100.1	50.0	150.0
M8FOSA		106.7	50.0	150.0
M8PFOA		105.8	50.0	150.0
M8PFOS		101.9	50.0	150.0
M9-PFNA		99.8	50.0	150.0
MPFBA		91.4	50.0	150.0
MPFDoDA		103.1	50.0	150.0
d3N-MeFOSAA		103.3	50.0	150.0
d5EtFOSAA		107.7	50.0	150.0
MHFPO-DA		101.1	50.0	150.0
d-N-EtFOSA-M		99.9	50.0	150.0
d-N-MeFOSA-M		105.8	50.0	150.0
d7-N-MeFOSE-M		108.0	50.0	150.0
d9-N-EtFOSE-M		106.0	50.0	150.0
M6PFTTrDA		102.0	50.0	150.0
13C3PFPrA		104.8	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample (LCS)

Lab Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		104.9	50.0	150.0
M2-6:2FTSA		116.6	50.0	150.0
M2-8:2FTSA		119.9	50.0	150.0
M2PFTeDA		109.5	12.0	218.0
M3PFBS		104.9	50.0	150.0
M3PFHxS		104.9	50.0	150.0
M4PFHpA		108.4	50.0	150.0
M5PFHxA		110.7	50.0	150.0
M5PFPeA		107.3	50.0	150.0
M6PFDA		108.9	50.0	150.0
M7PFUnDA		104.8	50.0	150.0
M8FOSA		109.3	50.0	150.0
M8PFOA		114.5	50.0	150.0
M8PFOS		106.1	50.0	150.0
M9-PFNA		111.5	50.0	150.0
MPFBA		99.0	50.0	150.0
MPFDoDA		106.3	50.0	150.0
d3N-MeFOSAA		103.1	50.0	150.0
d5EtFOSAA		116.9	50.0	150.0
MHFPO-DA		109.8	50.0	150.0
d-N-EtFOSA-M		106.3	50.0	150.0
d-N-MeFOSA-M		110.5	50.0	150.0
d7-N-MeFOSE-M		105.5	50.0	150.0
d9-N-EtFOSE-M		105.4	50.0	150.0
M6PFTrDA		99.0	50.0	150.0
13C3PFPrA		109.7	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: SE260320.LCSD_260320, Parent Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		97.7	50.0	150.0
M2-6:2FTSA		103.8	50.0	150.0
M2-8:2FTSA		114.7	50.0	150.0
M2PFTeDA		103.4	12.0	218.0
M3PFBS		101.0	50.0	150.0
M3PFHxS		95.8	50.0	150.0
M4PFHpA		96.5	50.0	150.0
M5PFHxA		96.9	50.0	150.0
M5PFPeA		97.7	50.0	150.0
M6PFDA		94.3	50.0	150.0
M7PFUnDA		96.6	50.0	150.0
M8FOSA		98.4	50.0	150.0
M8PFOA		99.4	50.0	150.0
M8PFOS		98.8	50.0	150.0
M9-PFNA		95.7	50.0	150.0
MPFBA		85.0	50.0	150.0
MPFDoDA		100.0	50.0	150.0
d3N-MeFOSAA		97.6	50.0	150.0
d5EtFOSAA		101.7	50.0	150.0
MHFPO-DA		92.8	50.0	150.0
d-N-EtFOSA-M		91.3	50.0	150.0
d-N-MeFOSA-M		103.6	50.0	150.0
d7-N-MeFOSE-M		102.1	50.0	150.0
d9-N-EtFOSE-M		99.3	50.0	150.0
M6PFTrDA		100.4	50.0	150.0
13C3PFPrA		98.8	50.0	150.0

Matrix Spike (MS)

Lab Sample ID: SE260320.8524608M, Parent Sample ID: S85246.07

Run in Batch: SE260320, Run Date: 03/20/2026 18:05, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.05

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		101.4	50.0	150.0
M2-6:2FTSA		116.3	50.0	150.0
M2-8:2FTSA		118.1	50.0	150.0
M2PFTeDA		146.8	12.0	218.0
M3PFBS		107.5	50.0	150.0
M3PFHxS		112.4	50.0	150.0
M4PFHpA		108.0	50.0	150.0
M5PFHxA		108.3	50.0	150.0
M5PFPeA		108.6	50.0	150.0
M6PFDA		113.6	50.0	150.0
M7PFUnDA		109.5	50.0	150.0
M8FOSA		123.5	50.0	150.0
M8PFOA		117.5	50.0	150.0
M8PFOS		105.2	50.0	150.0
M9-PFNA		111.8	50.0	150.0
MPFBA		112.1	50.0	150.0
MPFDoDA		114.2	50.0	150.0
d3N-MeFOSAA		109.0	50.0	150.0
d5EtFOSAA		121.9	50.0	150.0
MHFPO-DA		99.5	50.0	150.0
d-N-EtFOSA-M		113.9	50.0	150.0
d-N-MeFOSA-M		121.5	50.0	150.0
d7-N-MeFOSE-M		148.2	50.0	150.0
d9-N-EtFOSE-M		137.2	50.0	150.0
M6PFTTrDA		120.0	50.0	150.0
13C3PFPrA		121.7	50.0	150.0

QC Report - Internal Standards per QC Sample

Matrix Spike Duplicate (MSD)

Lab Sample ID: SE260320.8524609N, Parent Sample ID: SE260320.8524608M

Run in Batch: SE260320, Run Date: 03/20/2026 18:25, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.03

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		95.6	50.0	150.0
M2-6:2FTSA		109.1	50.0	150.0
M2-8:2FTSA		106.6	50.0	150.0
M2PFTeDA		143.1	12.0	218.0
M3PFBS		109.0	50.0	150.0
M3PFHxS		111.1	50.0	150.0
M4PFHpA		112.5	50.0	150.0
M5PFHxA		110.9	50.0	150.0
M5PFPeA		110.8	50.0	150.0
M6PFDA		119.4	50.0	150.0
M7PFUnDA		110.1	50.0	150.0
M8FOSA		122.3	50.0	150.0
M8PFOA		116.8	50.0	150.0
M8PFOS		104.5	50.0	150.0
M9-PFNA		111.3	50.0	150.0
MPFBA		113.9	50.0	150.0
MPFDoDA		114.3	50.0	150.0
d3N-MeFOSAA		109.6	50.0	150.0
d5EtFOSAA		117.8	50.0	150.0
MHFPO-DA		103.3	50.0	150.0
d-N-EtFOSA-M		115.4	50.0	150.0
d-N-MeFOSA-M		123.5	50.0	150.0
d7-N-MeFOSE-M		141.9	50.0	150.0
d9-N-EtFOSE-M		132.2	50.0	150.0
M6PFTrDA		117.9	50.0	150.0
13C3PFPrA		123.4	50.0	150.0

QC Report - Internal Standards per QC Sample

Organics - Volatiles, Prep Batch ID: PF260320W2

QC Types: BLK/LCS/LCSD/MS/DUP

Blank (BLK)

Lab Sample ID: AK260320RUSH.BLK260320

Run in Batch: AK260320RUSH, Run Date: 03/20/2026 12:04, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		100.4	50.0	150.0
M2-6:2FTSA		100.1	50.0	150.0
M2-8:2FTSA		100.0	50.0	150.0
M2PFTeDA		105.9	12.0	218.0
M3PFBS		102.5	50.0	150.0
M3PFHxS		106.0	50.0	150.0
M4PFHpA		109.4	50.0	150.0
M5PFHxA		101.4	50.0	150.0
M5PFPeA		104.8	50.0	150.0
M6PFDA		99.0	50.0	150.0
M7PFUnDA		102.2	50.0	150.0
M8FOSA		97.9	50.0	150.0
M8PFOA		99.0	50.0	150.0
M8PFOS		106.7	50.0	150.0
M9-PFNA		104.7	50.0	150.0
MPFBA		105.2	50.0	150.0
MPFDoDA		99.8	50.0	150.0
d3N-MeFOSAA		116.6	50.0	150.0
d5EtFOSAA		103.6	50.0	150.0
MHFPO-DA		95.9	50.0	150.0
d-N-EtFOSA-M		114.3	50.0	150.0
d-N-MeFOSA-M		106.7	50.0	150.0
d7-N-MeFOSE-M		96.3	50.0	150.0
d9-N-EtFOSE-M		84.6	50.0	150.0
M6PFTTrDA		101.2	50.0	150.0
13C3PFPrA		103.4	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample (LCS)

Lab Sample ID: AK260320RUSH.LCS_260320

Run in Batch: AK260320RUSH, Run Date: 03/20/2026 11:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		101.5	50.0	150.0
M2-6:2FTSA		100.0	50.0	150.0
M2-8:2FTSA		101.1	50.0	150.0
M2PFTeDA		92.7	12.0	218.0
M3PFBS		106.9	50.0	150.0
M3PFHxS		104.9	50.0	150.0
M4PFHpA		107.1	50.0	150.0
M5PFHxA		103.2	50.0	150.0
M5PFPeA		105.2	50.0	150.0
M6PFDA		103.6	50.0	150.0
M7PFUnDA		98.6	50.0	150.0
M8FOSA		98.4	50.0	150.0
M8PFOA		100.7	50.0	150.0
M8PFOS		105.8	50.0	150.0
M9-PFNA		100.5	50.0	150.0
MPFBA		104.2	50.0	150.0
MPFDoDA		94.2	50.0	150.0
d3N-MeFOSAA		99.1	50.0	150.0
d5EtFOSAA		104.0	50.0	150.0
MHFPO-DA		95.6	50.0	150.0
d-N-EtFOSA-M		115.6	50.0	150.0
d-N-MeFOSA-M		101.3	50.0	150.0
d7-N-MeFOSE-M		92.9	50.0	150.0
d9-N-EtFOSE-M		85.1	50.0	150.0
M6PFTrDA		94.5	50.0	150.0
13C3PFPrA		104.2	50.0	150.0

QC Report - Internal Standards per QC Sample

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: AK260320RUSH.LCSD_260320, Parent Sample ID: AK260320RUSH.LCS_260320

Run in Batch: AK260320RUSH, Run Date: 03/20/2026 11:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		98.2	50.0	150.0
M2-6:2FTSA		103.5	50.0	150.0
M2-8:2FTSA		94.5	50.0	150.0
M2PFTeDA		97.6	12.0	218.0
M3PFBS		103.9	50.0	150.0
M3PFHxS		108.6	50.0	150.0
M4PFHpA		106.6	50.0	150.0
M5PFHxA		100.8	50.0	150.0
M5PFPeA		103.8	50.0	150.0
M6PFDA		95.9	50.0	150.0
M7PFUnDA		105.4	50.0	150.0
M8FOSA		102.4	50.0	150.0
M8PFOA		110.8	50.0	150.0
M8PFOS		116.4	50.0	150.0
M9-PFNA		111.5	50.0	150.0
MPFBA		106.0	50.0	150.0
MPFDoDA		99.1	50.0	150.0
d3N-MeFOSAA		95.0	50.0	150.0
d5EtFOSAA		104.5	50.0	150.0
MHFPO-DA		92.9	50.0	150.0
d-N-EtFOSA-M		117.2	50.0	150.0
d-N-MeFOSA-M		101.6	50.0	150.0
d7-N-MeFOSE-M		95.5	50.0	150.0
d9-N-EtFOSE-M		89.7	50.0	150.0
M6PFTrDA		94.9	50.0	150.0
13C3PFPrA		96.6	50.0	150.0

QC Report - Internal Standards per QC Sample

Matrix Spike (MS)

Lab Sample ID: AK260320W1.8524602M, Parent Sample ID: S85246.02

Run in Batch: AK260320W1, Run Date: 03/20/2026 14:04, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.07

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		85.3	50.0	150.0
M2-6:2FTSA		87.2	50.0	150.0
M2-8:2FTSA		96.3	50.0	150.0
M2PFTeDA		118.9	12.0	218.0
M3PFBS		105.8	50.0	150.0
M3PFHxS		110.5	50.0	150.0
M4PFHpA		111.6	50.0	150.0
M5PFHxA		110.9	50.0	150.0
M5PFPeA		106.3	50.0	150.0
M6PFDA		117.0	50.0	150.0
M7PFUnDA		104.3	50.0	150.0
M8FOSA		104.8	50.0	150.0
M8PFOA		101.7	50.0	150.0
M8PFOS		108.9	50.0	150.0
M9-PFNA		110.8	50.0	150.0
MPFBA		107.1	50.0	150.0
MPFDoDA		104.2	50.0	150.0
d3N-MeFOSAA		91.4	50.0	150.0
d5EtFOSAA		106.1	50.0	150.0
MHFPO-DA		92.9	50.0	150.0
d-N-EtFOSA-M		119.9	50.0	150.0
d-N-MeFOSA-M		105.3	50.0	150.0
d7-N-MeFOSE-M		93.1	50.0	150.0
d9-N-EtFOSE-M		84.6	50.0	150.0
M6PFTrDA		107.5	50.0	150.0
13C3PFPrA		96.6	50.0	150.0

QC Report - Internal Standards per QC Sample

Duplicate (DUP)

Lab Sample ID: AK260320W1.8525501D, Parent Sample ID: S85255.01

Run in Batch: AK260320W1, Run Date: 03/20/2026 12:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1.98

Internal Standard	Flags	%Rec	LCL	UCL
M2-4:2FTSA		76.2	50.0	150.0
M2-6:2FTSA		87.1	50.0	150.0
M2-8:2FTSA		85.2	50.0	150.0
M2PFTeDA		116.8	12.0	218.0
M3PFBS		105.0	50.0	150.0
M3PFHxS		107.9	50.0	150.0
M4PFHpA		105.9	50.0	150.0
M5PFHxA		106.1	50.0	150.0
M5PFPeA		104.6	50.0	150.0
M6PFDA		97.7	50.0	150.0
M7PFUnDA		98.7	50.0	150.0
M8FOSA		101.5	50.0	150.0
M8PFOA		97.8	50.0	150.0
M8PFOS		113.5	50.0	150.0
M9-PFNA		101.3	50.0	150.0
MPFBA		106.0	50.0	150.0
MPFDoDA		100.8	50.0	150.0
d3N-MeFOSAA		93.6	50.0	150.0
d5EtFOSAA		102.6	50.0	150.0
MHFPO-DA		103.2	50.0	150.0
d-N-EtFOSA-M		124.1	50.0	150.0
d-N-MeFOSA-M		103.8	50.0	150.0
d7-N-MeFOSE-M		86.5	50.0	150.0
d9-N-EtFOSE-M		88.4	50.0	150.0
M6PFTrDA		100.4	50.0	150.0
13C3PFPrA		99.1	50.0	150.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260319W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK)

Lab Sample ID: SE260319.BLK260319

Run in Batch: SE260319, Run Date: 03/19/2026 13:47, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
PFPPrA		ND	100	ng/l
PFBA		ND	10	ng/l
PFMPA		ND	2	ng/l
FPrPA (3:3 FTCA)		ND	10	ng/l
PFPeA		ND	4	ng/l
PFPPrS		ND	2	ng/l
PFMBA		ND	2	ng/l
4:2 FTSA		ND	2	ng/l
NFDHA		ND	2	ng/l
PFHxA	*	2.62	2	ng/l
PFBS		ND	2	ng/l
HFPO-DA		ND	10	ng/l
FPePA (5:3 FTCA)		ND	10	ng/l
PFEESA		ND	2	ng/l
PFHpA	*	14.6	2	ng/l
ADONA		ND	2	ng/l
PFPeS		ND	2	ng/l
6:2 FTSA		ND	2	ng/l
HQ-115		ND	2	ng/l
PFBSA		ND	2	ng/l
PFOA	*	2.0	2	ng/l
PFHxS-BR		ND	2	ng/l
PFHxS		ND	2	ng/l
PFHxS-LN		ND	2	ng/l
FHpPA (7:3 FTCA)		ND	10	ng/l
PFNA		ND	2	ng/l
8:2 FTSA		ND	2	ng/l
PFECHS		ND	2	ng/l
PFHpS		ND	2	ng/l
N-MeFOSAA		ND	2	ng/l
PFDA		ND	2	ng/l
EtFOSAA		ND	4	ng/l
PFOS		ND	2	ng/l
PFOS-BR		ND	2	ng/l
PFOS-LN		ND	2	ng/l
PFHxSA		ND	2	ng/l
PFUnDA		ND	2	ng/l
9CL-PF3ONS		ND	2	ng/l
PFNS		ND	2	ng/l
PFDODA		ND	2	ng/l
PFDS		ND	2	ng/l
PFTTrDA		ND	2	ng/l
FOSA		ND	2	ng/l
11CL-PF3OUdS		ND	2	ng/l
PFTeDA		ND	4	ng/l
PFDOS		ND	4	ng/l

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260319W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK) (continued)

Lab Sample ID: SE260319.BLK260319

Run in Batch: SE260319, Run Date: 03/19/2026 13:47, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
NMeFOSE		ND	4	ng/l
NMeFOSAM		ND	2	ng/l
NEtFOSE		ND	4	ng/l
NEtFOSAM		ND	2	ng/l

Laboratory Control Sample (LCS)

Lab Sample ID: SE260319.LCS_260319

Run in Batch: SE260319, Run Date: 03/19/2026 15:52, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
PFPPrA		109.2	70.0	130.0
PFBA		96.6	70.0	130.0
PFMPA		125.0	70.0	130.0
FPrPA (3:3 FTCA)		75.6	70.0	130.0
PFPeA		94.2	70.0	130.0
PFPPrS		112.0	70.0	130.0
PFMBA		106.0	70.0	130.0
4:2 FTSA		104.0	70.0	130.0
NFDHA		98.8	70.0	130.0
PFHxA		96.2	70.0	130.0
PFBS		104.0	70.0	130.0
HFPO-DA		108.6	70.0	130.0
FPePA (5:3 FTCA)		93.8	70.0	130.0
PFEESA		80.0	70.0	130.0
PFHpA		116.0	70.0	130.0
ADONA		88.2	70.0	130.0
PFPeS		107.4	70.0	130.0
6:2 FTSA		95.6	70.0	130.0
HQ-115		89.4	70.0	130.0
PFBSA		88.8	70.0	130.0
PFOA		83.2	70.0	130.0
PFHxS		108.6	70.0	130.0
FHpPA (7:3 FTCA)		95.2	70.0	130.0
PFNA		86.2	70.0	130.0
8:2 FTSA		98.0	70.0	130.0
PFECHS		107.6	70.0	130.0
PFHpS		112.2	70.0	130.0
N-MeFOSAA		109.0	70.0	130.0
PFDA		97.0	70.0	130.0
EtFOSAA		98.0	70.0	130.0
PFOS		103.0	70.0	130.0
PFHxSA		103.4	70.0	130.0
PFUnDA		97.2	70.0	130.0
9CL-PF3ONS		95.4	70.0	130.0
PFNS		105.4	70.0	130.0
PFDODA		97.2	70.0	130.0
PFDS		96.4	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260319W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: SE260319.LCS_260319

Run in Batch: SE260319, Run Date: 03/19/2026 15:52, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
PFTTrDA		93.6	70.0	130.0
FOSA		108.4	70.0	130.0
11CL-PF3OUdS		100.8	70.0	130.0
PFTTeDA		107.2	70.0	130.0
PFDOS		88.8	70.0	130.0
NMeFOSE		96.0	70.0	130.0
NMeFOSAM		103.2	70.0	130.0
NEtFOSE		106.8	70.0	130.0
NEtFOSAM		106.8	70.0	130.0

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: SE260319.LCSD_260319, Parent Sample ID: SE260319.LCS_260319

Run in Batch: SE260319, Run Date: 03/19/2026 16:12, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFPPrA		108.0	70.0	130.0	1.1	30.0
PFBA		97.8	70.0	130.0	1.2	30.0
PFMPA		120.4	70.0	130.0	3.7	30.0
FPrPA (3:3 FTCA)		71.8	70.0	130.0	5.2	30.0
PFPeA		95.8	70.0	130.0	1.7	30.0
PFPPrS		117.6	70.0	130.0	4.9	30.0
PFMBA		108.2	70.0	130.0	2.1	30.0
4:2 FTSA		108.8	70.0	130.0	4.5	30.0
NFDHA		97.0	70.0	130.0	1.8	30.0
PFHxA		96.2	70.0	130.0	0.0	30.0
PFBS		101.2	70.0	130.0	2.7	30.0
HFPO-DA		102.2	70.0	130.0	6.1	30.0
FPePA (5:3 FTCA)		89.0	70.0	130.0	5.3	30.0
PFEESA		83.6	70.0	130.0	4.4	30.0
PFHpA		113.6	70.0	130.0	2.1	30.0
ADONA		92.2	70.0	130.0	4.4	30.0
PFPeS		99.8	70.0	130.0	7.3	30.0
6:2 FTSA		101.6	70.0	130.0	6.1	30.0
HQ-115		92.2	70.0	130.0	3.1	30.0
PFBSA		86.0	70.0	130.0	3.2	30.0
PFOA		86.4	70.0	130.0	3.8	30.0
PFHxS		98.6	70.0	130.0	9.7	30.0
FHpPA (7:3 FTCA)		94.0	70.0	130.0	1.3	30.0
PFNA		99.6	70.0	130.0	14.4	30.0
8:2 FTSA		94.0	70.0	130.0	4.2	30.0
PFECHS		109.2	70.0	130.0	1.5	30.0
PFHpS		109.8	70.0	130.0	2.2	30.0
N-MeFOSAA		100.4	70.0	130.0	8.2	30.0
PFDA		104.8	70.0	130.0	7.7	30.0
EtFOSAA		100.2	70.0	130.0	2.2	30.0
PFOS		106.4	70.0	130.0	3.2	30.0
PFHxSA		98.0	70.0	130.0	5.4	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260319W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Laboratory Control Sample Duplicate (LCSD) (continued)

Lab Sample ID: SE260319.LCSD_260319, Parent Sample ID: SE260319.LCS_260319

Run in Batch: SE260319, Run Date: 03/19/2026 16:12, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFUnDA		101.0	70.0	130.0	3.8	30.0
9CL-PF3ONS		99.2	70.0	130.0	3.9	30.0
PFNS		104.6	70.0	130.0	0.8	30.0
PFDODA		94.0	70.0	130.0	3.3	30.0
PFDS		99.4	70.0	130.0	3.1	30.0
PFTTrDA		93.6	70.0	130.0	0.0	30.0
FOSA		102.8	70.0	130.0	5.3	30.0
11CL-PF3OUdS		101.4	70.0	130.0	0.6	30.0
PFTeDA		109.0	70.0	130.0	1.7	30.0
PFDOS		95.2	70.0	130.0	7.0	30.0
NMeFOSE		97.8	70.0	130.0	1.9	30.0
NMeFOSAM		102.0	70.0	130.0	1.2	30.0
NEtFOSE		103.0	70.0	130.0	3.6	30.0
NEtFOSAM		103.4	70.0	130.0	3.2	30.0

Matrix Spike (MS)

Lab Sample ID: SE260319.8524608M, Parent Sample ID: S85246.07

Run in Batch: SE260319, Run Date: 03/19/2026 18:32, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1.98

Analyte	Flags	% Rec	LCL	UCL
PFBA		101.0	70.0	130.0
PFPeA		90.9	70.0	130.0
4:2 FTSA		101.0	70.0	130.0
PFHxA		88.9	70.0	130.0
PFBS		99.0	70.0	130.0
PFHpA		86.9	70.0	130.0
PFPeS		99.0	70.0	130.0
6:2 FTSA		93.9	70.0	130.0
PFOA		81.6	70.0	130.0
PFHxS		98.7	70.0	130.0
PFNA		89.9	70.0	130.0
8:2 FTSA		98.0	70.0	130.0
PFHpS		111.1	70.0	130.0
PFDA		93.9	70.0	130.0
N-MeFOSAA		93.9	70.0	130.0
EtFOSAA		99.0	70.0	130.0
PFOS		101.0	70.0	130.0
PFUnDA		91.9	70.0	130.0
PFNS		101.0	70.0	130.0
PFDODA		91.9	70.0	130.0
PFDS		94.9	70.0	130.0
PFTTrDA		97.0	70.0	130.0
FOSA		98.0	70.0	130.0
PFTeDA		92.9	70.0	130.0
11CL-PF3OUdS		101.0	70.0	130.0
9CL-PF3ONS		93.9	70.0	130.0
ADONA		85.9	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260319W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Matrix Spike (MS) (continued)

Lab Sample ID: SE260319.8524608M, Parent Sample ID: S85246.07

Run in Batch: SE260319, Run Date: 03/19/2026 18:32, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1.98

Analyte	Flags	% Rec	LCL	UCL
HFPO-DA		101.0	70.0	130.0

Matrix Spike Duplicate (MSD)

Lab Sample ID: SE260319.8524609N, Parent Sample ID: SE260319.8524608M

Run in Batch: SE260319, Run Date: 03/19/2026 18:52, Prep Date: 03/19/2026, Matrix: WW, Dilution: 1.98

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFBA		101.0	70.0	130.0	0.0	30.0
PFPeA		97.0	70.0	130.0	6.5	30.0
4:2 FTSA		101.0	70.0	130.0	0.0	30.0
PFHxA		99.0	70.0	130.0	9.5	30.0
PFBS		101.0	70.0	130.0	2.0	30.0
PFHpA		97.0	70.0	130.0	5.7	30.0
PFPeS		101.0	70.0	130.0	2.0	30.0
6:2 FTSA		101.0	70.0	130.0	7.3	30.0
PFOA		80.6	70.0	130.0	1.2	30.0
PFHxS		108.8	70.0	130.0	9.5	30.0
PFNA		111.1	70.0	130.0	21.1	30.0
8:2 FTSA		111.1	70.0	130.0	12.6	30.0
PFHpS		111.1	70.0	130.0	0.0	30.0
PFDA		98.0	70.0	130.0	4.2	30.0
N-MeFOSAA		98.0	70.0	130.0	4.2	30.0
EtFOSAA		97.0	70.0	130.0	2.1	30.0
PFOS		111.1	70.0	130.0	8.0	30.0
PFUnDA		96.0	70.0	130.0	4.3	30.0
PFNS		111.1	70.0	130.0	9.5	30.0
PFDoDA		90.9	70.0	130.0	1.1	30.0
PFDS		101.0	70.0	130.0	6.2	30.0
PFTTrDA		97.0	70.0	130.0	0.0	30.0
FOSA		101.0	70.0	130.0	3.0	30.0
PFTeDA		101.0	70.0	130.0	8.3	30.0
11CL-PF3OUdS		101.0	70.0	130.0	0.0	30.0
9CL-PF3ONS		101.0	70.0	130.0	7.3	30.0
ADONA		89.9	70.0	130.0	4.6	30.0
HFPO-DA		111.1	70.0	130.0	9.5	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK)

Lab Sample ID: SE260320.BLK260320

Run in Batch: SE260320, Run Date: 03/20/2026 12:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
PFBA		ND	10	ng/l
PFMPA		ND	2	ng/l
FPrPA (3:3 FTCA)		ND	10	ng/l
PFPeA		ND	4	ng/l
PFPPrS		ND	2	ng/l
PFMBA		ND	2	ng/l
4:2 FTSA		ND	2	ng/l
NFDHA		ND	2	ng/l
PFHxA		ND	2	ng/l
PFBS		ND	2	ng/l
HFPO-DA		ND	10	ng/l
FPePA (5:3 FTCA)		ND	10	ng/l
PFEESA		ND	2	ng/l
PFHpA		ND	2	ng/l
ADONA		ND	2	ng/l
PFPeS		ND	2	ng/l
6:2 FTSA		ND	2	ng/l
PFBSA		ND	2	ng/l
PFOA		ND	2	ng/l
PFHxS-BR		ND	2	ng/l
PFHxS		ND	2	ng/l
PFHxS-LN		ND	2	ng/l
FHpPA (7:3 FTCA)		ND	10	ng/l
PFNA		ND	2	ng/l
8:2 FTSA		ND	2	ng/l
PFECHS		ND	2	ng/l
PFHpS		ND	2	ng/l
N-MeFOSAA		ND	2	ng/l
PFDA		ND	2	ng/l
EtFOSAA		ND	4	ng/l
PFOS-BR		ND	2	ng/l
PFOS		ND	2	ng/l
PFOS-LN		ND	2	ng/l
PFHxSA		ND	2	ng/l
PFUnDA		ND	2	ng/l
9CL-PF3ONS		ND	2	ng/l
PFNS		ND	2	ng/l
PFDoDA		ND	2	ng/l
PFDS		ND	2	ng/l
PFTTrDA		ND	2	ng/l
FOSA		ND	2	ng/l
11CL-PF3OUdS		ND	2	ng/l
PFTeDA		ND	4	ng/l
PFDOS		ND	4	ng/l
NMeFOSE		ND	4	ng/l
NMeFOSAM		ND	2	ng/l

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Blank (BLK) (continued)

Lab Sample ID: SE260320.BLK260320

Run in Batch: SE260320, Run Date: 03/20/2026 12:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
NEtFOSE		ND	4	ng/l
NEtFOSAM		ND	2	ng/l

Laboratory Control Sample (LCS)

Lab Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
PFPPrA		102.8	70.0	130.0
PFBA		90.8	70.0	130.0
PFMPA		109.0	70.0	130.0
FPrPA (3:3 FTCA)		76.4	70.0	130.0
PFPeA		88.0	70.0	130.0
PFPPrS		105.4	70.0	130.0
PFMBA		97.2	70.0	130.0
4:2 FTSA		97.8	70.0	130.0
NFDHA		94.4	70.0	130.0
PFHxA		84.0	70.0	130.0
PFBS		95.6	70.0	130.0
HFPO-DA		91.6	70.0	130.0
FPePA (5:3 FTCA)		85.0	70.0	130.0
PFEESA		75.4	70.0	130.0
PFHpA		85.4	70.0	130.0
ADONA		78.6	70.0	130.0
PFPeS		95.6	70.0	130.0
6:2 FTSA		85.0	70.0	130.0
HQ-115		80.0	70.0	130.0
PFBSA		78.2	70.0	130.0
PFOA		75.4	70.0	130.0
PFHxS		95.0	70.0	130.0
FHpPA (7:3 FTCA)		88.0	70.0	130.0
PFNA		88.2	70.0	130.0
8:2 FTSA		93.0	70.0	130.0
PFECHS		99.6	70.0	130.0
PFHpS		110.0	70.0	130.0
N-MeFOSAA		102.6	70.0	130.0
PFDA		95.0	70.0	130.0
EtFOSAA		87.2	70.0	130.0
PFOS		96.2	70.0	130.0
PFHxSA		93.2	70.0	130.0
PFUnDA		91.4	70.0	130.0
9CL-PF3ONS		88.2	70.0	130.0
PFNS		92.2	70.0	130.0
PFDoDA		90.0	70.0	130.0
PFDS		90.4	70.0	130.0
PFTTrDA		91.2	70.0	130.0
FOSA		96.2	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
11CL-PF3OUdS		93.4	70.0	130.0
PFTeDA		95.2	70.0	130.0
PFDOS		88.0	70.0	130.0
NMeFOSE		92.6	70.0	130.0
NMeFOSAM		91.0	70.0	130.0
NEtFOSE		95.0	70.0	130.0
NEtFOSAM		94.0	70.0	130.0

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: SE260320.LCSD_260320, Parent Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFPPrA		115.4	70.0	130.0	11.5	30.0
PFBA		94.8	70.0	130.0	4.3	30.0
PFMPA		113.4	70.0	130.0	4.0	30.0
FPrPA (3:3 FTCA)		78.2	70.0	130.0	2.3	30.0
PFPeA		94.0	70.0	130.0	6.6	30.0
PFPPrS		106.0	70.0	130.0	0.6	30.0
PFMBA		101.8	70.0	130.0	4.6	30.0
4:2 FTSA		92.0	70.0	130.0	6.1	30.0
NFDHA		87.2	70.0	130.0	7.9	30.0
PFHxA		91.6	70.0	130.0	8.7	30.0
PFBS		94.8	70.0	130.0	0.8	30.0
HFPO-DA		102.8	70.0	130.0	11.5	30.0
FPePA (5:3 FTCA)		102.4	70.0	130.0	18.6	30.0
PFEESA		77.6	70.0	130.0	2.9	30.0
PFHpA		88.8	70.0	130.0	3.9	30.0
ADONA		90.6	70.0	130.0	14.2	30.0
PFPeS		96.2	70.0	130.0	0.6	30.0
6:2 FTSA		92.2	70.0	130.0	8.1	30.0
HQ-115		82.6	70.0	130.0	3.2	30.0
PFBSA		87.8	70.0	130.0	11.6	30.0
PFOA		83.8	70.0	130.0	10.6	30.0
PFHxS		100.8	70.0	130.0	5.9	30.0
FHpPA (7:3 FTCA)		98.8	70.0	130.0	11.6	30.0
PFNA		99.8	70.0	130.0	12.3	30.0
8:2 FTSA		92.6	70.0	130.0	0.4	30.0
PFECHS		105.4	70.0	130.0	5.7	30.0
PFHpS		113.4	70.0	130.0	3.0	30.0
N-MeFOSAA		99.2	70.0	130.0	3.4	30.0
PFDA		100.2	70.0	130.0	5.3	30.0
EtFOSAA		97.8	70.0	130.0	11.5	30.0
PFOS		99.0	70.0	130.0	2.9	30.0
PFHxSA		105.6	70.0	130.0	12.5	30.0
PFUnDA		93.2	70.0	130.0	2.0	30.0
9CL-PF3ONS		92.6	70.0	130.0	4.9	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Laboratory Control Sample Duplicate (LCSD) (continued)

Lab Sample ID: SE260320.LCSD_260320, Parent Sample ID: SE260320.LCS_260320

Run in Batch: SE260320, Run Date: 03/20/2026 11:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFNS		96.8	70.0	130.0	4.9	30.0
PFDODA		89.4	70.0	130.0	0.7	30.0
PFDS		91.8	70.0	130.0	1.5	30.0
PFTTrDA		91.0	70.0	130.0	0.2	30.0
FOSA		103.0	70.0	130.0	6.8	30.0
11CL-PF3OUdS		96.2	70.0	130.0	3.0	30.0
PFTeDA		98.8	70.0	130.0	3.7	30.0
PFDOS		91.2	70.0	130.0	3.6	30.0
NMeFOSE		93.0	70.0	130.0	0.4	30.0
NMeFOSAM		98.8	70.0	130.0	8.2	30.0
NEtFOSE		96.0	70.0	130.0	1.0	30.0
NEtFOSAM		111.8	70.0	130.0	17.3	30.0

Matrix Spike (MS)

Lab Sample ID: SE260320.8524608M, Parent Sample ID: S85246.07

Run in Batch: SE260320, Run Date: 03/20/2026 18:05, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.05

Analyte	Flags	% Rec	LCL	UCL
PFBA		106.8	70.0	130.0
PFPeA		96.1	70.0	130.0
4:2 FTSA		93.2	70.0	130.0
PFHxA		95.1	70.0	130.0
PFBS		105.0	70.0	130.0
PFHpA		97.1	70.0	130.0
PFPeS		106.8	70.0	130.0
6:2 FTSA		87.4	70.0	130.0
PFOA		77.4	70.0	130.0
PFHxS		94.5	70.0	130.0
PFNA		83.5	70.0	130.0
8:2 FTSA		88.3	70.0	130.0
PFHpS		116.5	70.0	130.0
PFDA		95.1	70.0	130.0
N-MeFOSAA		106.8	70.0	130.0
EtFOSAA		91.3	70.0	130.0
PFOS		105.8	70.0	130.0
PFUnDA		97.1	70.0	130.0
PFNS		106.8	70.0	130.0
PFDODA		94.2	70.0	130.0
PFDS		97.1	70.0	130.0
PFTTrDA		97.1	70.0	130.0
FOSA		106.8	70.0	130.0
PFTeDA		106.8	70.0	130.0
11CL-PF3OUdS		106.8	70.0	130.0
9CL-PF3ONS		97.1	70.0	130.0
ADONA		91.3	70.0	130.0
HFPO-DA		106.8	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W1 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/MSD

Matrix Spike Duplicate (MSD)

Lab Sample ID: SE260320.8524609N, Parent Sample ID: SE260320.8524608M

Run in Batch: SE260320, Run Date: 03/20/2026 18:25, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.03

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFBA		117.6	70.0	130.0	8.7	30.0
PFPeA		97.1	70.0	130.0	0.0	30.0
4:2 FTSA		107.8	70.0	130.0	13.6	30.0
PFHxA		96.1	70.0	130.0	0.0	30.0
PFBS		96.3	70.0	130.0	9.5	30.0
PFHpA		96.1	70.0	130.0	2.0	30.0
PFPeS		107.8	70.0	130.0	0.0	30.0
6:2 FTSA		94.1	70.0	130.0	6.5	30.0
PFOA		84.0	70.0	130.0	7.1	30.0
PFHxS		105.2	70.0	130.0	9.5	30.0
PFNA		96.1	70.0	130.0	13.0	30.0
8:2 FTSA		107.8	70.0	130.0	18.9	30.0
PFHpS		117.6	70.0	130.0	0.0	30.0
PFDA		94.1	70.0	130.0	2.1	30.0
N-MeFOSAA		98.0	70.0	130.0	9.5	30.0
EtFOSAA		95.1	70.0	130.0	3.1	30.0
PFOS		106.9	70.0	130.0	0.0	30.0
PFUnDA		94.1	70.0	130.0	4.1	30.0
PFNS		107.8	70.0	130.0	0.0	30.0
PFDoDA		95.1	70.0	130.0	0.0	30.0
PFDS		97.1	70.0	130.0	1.0	30.0
PFTTrDA		98.0	70.0	130.0	0.0	30.0
FOSA		107.8	70.0	130.0	0.0	30.0
PFTeDA		98.0	70.0	130.0	9.5	30.0
11CL-PF3OUdS		98.0	70.0	130.0	9.5	30.0
9CL-PF3ONS		93.1	70.0	130.0	5.1	30.0
ADONA		88.2	70.0	130.0	4.3	30.0
HFPO-DA		107.8	70.0	130.0	0.0	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W2

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Blank (BLK)

Lab Sample ID: AK260320RUSH.BLK260320

Run in Batch: AK260320RUSH, Run Date: 03/20/2026 12:04, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
PFBA		ND	10	ng/l
PFMPA		ND	2	ng/l
FPrPA (3:3 FTCA)		ND	10	ng/l
PFPPrS		ND	2	ng/l
PFPeA		ND	4	ng/l
PFMBA		ND	2	ng/l
4:2 FTSA		ND	2	ng/l
NFDHA		ND	2	ng/l
PFHxA		ND	2	ng/l
PFBS		ND	2	ng/l
HFPO-DA		ND	10	ng/l
FPePA (5:3 FTCA)		ND	10	ng/l
PFEESA		ND	2	ng/l
PFHpA		ND	2	ng/l
PFPeS		ND	2	ng/l
ADONA		ND	2	ng/l
6:2 FTSA		ND	2	ng/l
PFBSA		ND	2	ng/l
PFOA		ND	2	ng/l
PFHxS-BR		ND	2	ng/l
PFHxS		ND	2	ng/l
PFHxS-LN		ND	2	ng/l
PFNA		ND	2	ng/l
FHpPA (7:3 FTCA)		ND	10	ng/l
PFECHS		ND	2	ng/l
8:2 FTSA		ND	2	ng/l
PFHpS		ND	2	ng/l
N-MeFOSAA		ND	2	ng/l
PFDA		ND	2	ng/l
PFOS-BR		ND	2	ng/l
EtFOSAA		ND	4	ng/l
PFOS		ND	2	ng/l
PFOS-LN		ND	2	ng/l
PFUnDA		ND	2	ng/l
PFHxSA		ND	2	ng/l
9CL-PF3ONS		ND	2	ng/l
PFNS		ND	2	ng/l
PFDoDA		ND	2	ng/l
PFDS		ND	2	ng/l
PFTTrDA		ND	2	ng/l
11CL-PF3OUdS		ND	2	ng/l
FOSA		ND	2	ng/l
PFTeDA		ND	4	ng/l
PFDOS		ND	4	ng/l
NMeFOSE		ND	4	ng/l
NMeFOSAM		ND	2	ng/l

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W2 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Blank (BLK) (continued)

Lab Sample ID: AK260320RUSH.BLK260320

Run in Batch: AK260320RUSH, Run Date: 03/20/2026 12:04, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	Conc	RDL	Units
NETFOSE		ND	4	ng/l
NETFOSAM		ND	2	ng/l

Laboratory Control Sample (LCS)

Lab Sample ID: AK260320RUSH.LCS_260320

Run in Batch: AK260320RUSH, Run Date: 03/20/2026 11:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
PFPPrA		98.2	70.0	130.0
PFBA		99.0	70.0	130.0
PFMPA		104.0	70.0	130.0
FPrPA (3:3 FTCA)		91.6	70.0	130.0
PFPPrS		100.8	70.0	130.0
PFPeA		98.2	70.0	130.0
PFMBA		99.6	70.0	130.0
4:2 FTSA		91.4	70.0	130.0
NFDHA		97.8	70.0	130.0
PFHxA		101.4	70.0	130.0
PFBS		101.8	70.0	130.0
HFPO-DA		101.6	70.0	130.0
FPePA (5:3 FTCA)		81.8	70.0	130.0
PFEESA		93.6	70.0	130.0
PFHpA		101.2	70.0	130.0
PFPeS		91.4	70.0	130.0
ADONA		97.6	70.0	130.0
6:2 FTSA		104.4	70.0	130.0
HQ-115		102.0	70.0	130.0
PFBSA		83.2	70.0	130.0
PFOA		97.2	70.0	130.0
PFHxS		106.6	70.0	130.0
PFNA		100.6	70.0	130.0
FHpPA (7:3 FTCA)		75.4	70.0	130.0
PFECHS		104.4	70.0	130.0
8:2 FTSA		102.0	70.0	130.0
PFHpS		94.6	70.0	130.0
N-MeFOSAA		110.4	70.0	130.0
PFDA		108.2	70.0	130.0
EtFOSAA		98.6	70.0	130.0
PFOS		102.4	70.0	130.0
PFUnDA		105.8	70.0	130.0
PFHxSA		87.8	70.0	130.0
9CL-PF3ONS		104.6	70.0	130.0
PFNS		102.6	70.0	130.0
PFDoDA		95.8	70.0	130.0
PFDS		97.0	70.0	130.0
PFTTrDA		87.8	70.0	130.0
11CL-PF3OUdS		96.4	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W2 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Laboratory Control Sample (LCS) (continued)

Lab Sample ID: AK260320RUSH.LCS_260320

Run in Batch: AK260320RUSH, Run Date: 03/20/2026 11:24, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
FOSA		98.8	70.0	130.0
PFTeDA		96.6	70.0	130.0
PFDOS		102.0	70.0	130.0
NMeFOSE		96.0	70.0	130.0
NMeFOSAM		100.4	70.0	130.0
NEtFOSE		94.0	70.0	130.0
NEtFOSAM		96.6	70.0	130.0

Laboratory Control Sample Duplicate (LCSD)

Lab Sample ID: AK260320RUSH.LCSD_260320, Parent Sample ID: AK260320RUSH.LCS_260320

Run in Batch: AK260320RUSH, Run Date: 03/20/2026 11:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFPPrA		100.4	70.0	130.0	2.2	30.0
PFBA		100.8	70.0	130.0	1.8	30.0
PFMPA		96.6	70.0	130.0	7.4	30.0
FPrPA (3:3 FTCA)		91.0	70.0	130.0	0.7	30.0
PFPPrS		107.2	70.0	130.0	6.2	30.0
PFPpA		102.4	70.0	130.0	4.2	30.0
PFMBA		89.6	70.0	130.0	10.6	30.0
4:2 FTSA		100.6	70.0	130.0	9.6	30.0
NFDHA		84.8	70.0	130.0	14.2	30.0
PFHxA		106.2	70.0	130.0	4.6	30.0
PFBS		103.8	70.0	130.0	1.9	30.0
HFPO-DA		91.0	70.0	130.0	11.0	30.0
FPePA (5:3 FTCA)		92.0	70.0	130.0	11.7	30.0
PFEESA		85.8	70.0	130.0	8.7	30.0
PFHpA		101.4	70.0	130.0	0.2	30.0
PFPpS		104.0	70.0	130.0	12.9	30.0
ADONA		88.8	70.0	130.0	9.4	30.0
6:2 FTSA		103.8	70.0	130.0	0.6	30.0
HQ-115		96.0	70.0	130.0	6.1	30.0
PFBSA		75.4	70.0	130.0	9.8	30.0
PFOA		83.6	70.0	130.0	15.0	30.0
PFHxS		101.0	70.0	130.0	5.4	30.0
PFNA		89.6	70.0	130.0	11.6	30.0
FHpPA (7:3 FTCA)	*	69.4	70.0	130.0	8.3	30.0
PFECHS		104.8	70.0	130.0	0.4	30.0
8:2 FTSA		122.6	70.0	130.0	18.3	30.0
PFHpS		103.0	70.0	130.0	8.5	30.0
N-MeFOSAA		116.2	70.0	130.0	5.1	30.0
PFDA		120.6	70.0	130.0	10.8	30.0
EtFOSAA		104.6	70.0	130.0	5.9	30.0
PFOS		91.0	70.0	130.0	11.8	30.0
PFUnDA		101.4	70.0	130.0	4.2	30.0
PFHxSA		89.4	70.0	130.0	1.8	30.0
9CL-PF3ONS		89.6	70.0	130.0	15.4	30.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W2 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Laboratory Control Sample Duplicate (LCSD) (continued)

Lab Sample ID: AK260320RUSH.LCSD_260320, Parent Sample ID: AK260320RUSH.LCS_260320

Run in Batch: AK260320RUSH, Run Date: 03/20/2026 11:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
PFNS		94.8	70.0	130.0	7.9	30.0
PFDODA		95.6	70.0	130.0	0.2	30.0
PFDS		84.4	70.0	130.0	13.9	30.0
PFTTrDA		93.6	70.0	130.0	6.4	30.0
11CL-PF3OUdS		88.8	70.0	130.0	8.2	30.0
FOSA		99.4	70.0	130.0	0.6	30.0
PFTeDA		99.6	70.0	130.0	3.1	30.0
PFDOS		96.0	70.0	130.0	6.1	30.0
NMeFOSE		99.6	70.0	130.0	3.7	30.0
NMeFOSAM		98.8	70.0	130.0	1.6	30.0
NEtFOSE		92.8	70.0	130.0	1.3	30.0
NEtFOSAM		93.8	70.0	130.0	2.9	30.0

Matrix Spike (MS)

Lab Sample ID: AK260320W1.8524602M, Parent Sample ID: S85246.02

Run in Batch: AK260320W1, Run Date: 03/20/2026 14:04, Prep Date: 03/20/2026, Matrix: WW, Dilution: 2.07

Analyte	Flags	% Rec	LCL	UCL
PFBA		110.6	70.0	130.0
PFPeA		105.0	70.0	130.0
4:2 FTSA		105.8	70.0	130.0
PFHxA		96.2	70.0	130.0
PFBS		113.5	70.0	130.0
PFFHpA		96.2	70.0	130.0
PFPeS		105.8	70.0	130.0
6:2 FTSA		115.4	70.0	130.0
PFOA		96.2	70.0	130.0
PFHxS		115.4	70.0	130.0
PFNA		94.2	70.0	130.0
8:2 FTSA		105.8	70.0	130.0
PFFHpS		105.8	70.0	130.0
PFDA		96.2	70.0	130.0
N-MeFOSAA		125.0	70.0	130.0
EtFOSAA		105.8	70.0	130.0
PFOS		105.8	70.0	130.0
PFUnDA		115.4	70.0	130.0
PFNS		105.8	70.0	130.0
PFDODA		96.2	70.0	130.0
PFDS		96.2	70.0	130.0
PFTTrDA		94.2	70.0	130.0
FOSA		105.8	70.0	130.0
PFTeDA		96.2	70.0	130.0
11CL-PF3OUdS		105.8	70.0	130.0
9CL-PF3ONS		105.8	70.0	130.0
ADONA		115.4	70.0	130.0
HFPO-DA		96.2	70.0	130.0

QC Report - Batch QC Results

Organics - Volatiles, Prep Batch ID: PF260320W2 (continued)

Surrogates: Yes, QC Types: BLK/LCS/LCSD/MS/DUP

Duplicate (DUP)

Lab Sample ID: AK260320W1.8525501D, Parent Sample ID: S85255.01

Run in Batch: AK260320W1, Run Date: 03/20/2026 12:44, Prep Date: 03/20/2026, Matrix: WW, Dilution: 1.98

Analyte	Flags	RPD	RPD CL
PFBA		6.9	30.0
PFPeA		15.4	30.0
4:2 FTSA		NC	30.0
PFHxA		5.9	30.0
PFBS		14.6	30.0
PFHpA		NC	30.0
PFPeS		NC	30.0
6:2 FTSA		NC	30.0
PFOA		NC	30.0
PFHxS		NC	30.0
PFHxS-LN		NC	30.0
PFHxS-BR		NC	30.0
PFNA		NC	30.0
8:2 FTSA		NC	30.0
PFHpS		NC	30.0
PFDA		NC	30.0
N-MeFOSAA		NC	30.0
EtFOSAA		NC	30.0
PFOS		NC	30.0
PFOS-LN		NC	30.0
PFOS-BR		NC	30.0
PFUnDA		NC	30.0
PFNS		NC	30.0
PFDoDA		NC	30.0
PFDS		NC	30.0
PFTTrDA		NC	30.0
FOSA		NC	30.0
PFTeDA		NC	30.0
11CL-PF3OUdS		NC	30.0
9CL-PF3ONS		NC	30.0
ADONA		NC	30.0
HFPO-DA		NC	30.0



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www.meritlabs.com

C.O.C. PAGE # _____ OF _____

186047

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME Redney Able	
COMPANY Applied Ecosystems	
ADDRESS G-4300 South Saginaw Street	
CITY Burton	STATE MI ZIP CODE 48529
PHONE NO. 810 715 2525	CELL NO. 810 715 2526
E-MAIL ADDRESS rabable@appliedecosystems.com	QUOTE NO. PO110734

CONTACT NAME Julie McMahan		☐ SAME
COMPANY Revitalizing Auto Communities Env Response		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE NO. 313 486 2908	E-MAIL ADDRESS jmc_mahan@racertrust.org	

PROJECT NO./NAME RACER Flint West #12990	SAMPLER(S) - PLEASE PRINT/SIGN NAME Hannah Neumann A/E
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER	
DELIVERABLES REQUIRED ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☒ OTHER 16 MDLs	

MATRIX W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID CODE: SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIFE A=AIR WS=WASTE	# Containers & Preservatives
--	------------------------------

MERIT LAB NO. FOR LAB USE ONLY	COLLECTION		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	OTHER	ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)										Certifications ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES Project Locations ☐ Detroit ☐ New York ☐ Other Special Instructions
	DATE	TIME																					
85245/85246	01	3/18 9:50	MW-1065R-20260318		8		X		X				X	X	X	X							Metals include
	02	3/18 11:18	MW-110S-20260318		8		X		X				X	X	X	X							As, Cr-total, Cr-hex,
	03	3/18 12:50	MW-114S-20260318		8		X		X				X	X	X	X							Cu, Pb, Se, Zn
	04	3/18 12:00	MW-108S-20260318		8		X		X				X	X	X	X							Samples for dissolved
	05	3/18 -	Dup-1-20260318		8		X		X				X	X	X	X							metals analyses
	06	3/18 13:40	MW-117S-20260318		8		X		X				X	X	X	X							require lab
	07	3/18 14:26	MW-103S-20260318		8		X		X				X	X	X	X							filtering
	08	3/18 14:22	MS (MW-103S-20260318)		8		X		X				X	X	X	X							
	09	3/18 14:20	MSD (MW-103S-20260318)		8		X		X				X	X	X	X							
	10	3/18 13:56	FB-2-20260318		8		X		X				X	X	X	X							* Include Task 6
	11	3/18 14:30	EB-2-20260318		8		X		X				X	X	X	X							on bill + Task

RELINQUISHED BY: Hannah Neumann A/E	DATE 3/18/18 TIME 15:00
SIGNATURE/ORGANIZATION	
RECEIVED BY: J. Neumann	DATE 3/18/18 TIME 18:00
SIGNATURE/ORGANIZATION	
RELINQUISHED BY: J. Neumann	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	
RECEIVED BY: M. Chilcote	DATE 3/18/18 TIME 16:00
SIGNATURE/ORGANIZATION	

RELINQUISHED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
RECEIVED BY:	DATE	TIME
SIGNATURE/ORGANIZATION		
SEAL NO.	SEAL INTACT	INITIALS
	YES ☐ NO ☐	
SEAL NO.	SEAL INTACT	INITIALS
	YES ☐ NO ☐	
TEMP. ON ARRIVAL		
ICE (SOLID) ☒ BLUE ICE 3.0		
ICE (MELTED) ☐ NONE		

TABLE 2
Soil Analytical Results - VOCs and Metals
RACER - Flint West #12990

EGLE Generic Residential Cleanup Criteria							Acetone	Benzene	2-Butanone (MEK)	Chloroform	1,2-Dichlorobenzene	1,1-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	Isopropyl benzene	p-isopropyltoluene	Methylene chloride	2-Methylnaphthalene	Naphthalene	n-Propylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran
Chemical Abstract Service Number							67-64-1	71-43-2	78-93-3	67-66-3	95-50-1	75-34-3	75-35-4	156-59-2	156-60-5	100-41-4	98-82-8		75-09-2	91-57-6	91-20-3	103-65-1	127-18-4	109-99-9
Drinking Water Protection - Residential							15,000	100	260,000	1,600 (W)	14,000	18,000	140	1,400	2,000	1,500	91,000	NA	100	57,000	35,000	1,600	100	1,900
Drinking Water Protection - Non-Residential							42,000	100	760,000	1,600 (W)	14,000	50,000	140	1,400	2,000	1,500	260,000	NA	100	170,000	100,000	4,600	100	5,400
Groundwater Surface Water Interface Protection							34,000	4,000 (X)	44,000	7,000	280	15,000	2,600	12,000	30,000 (X)	360	3,200	NA	30,000	4,200	730	ID	1,200 (X)	2.2E+5 (X)
Volatilization to Indoor Air - Non-Residential							5.4E+08	8,400	9.9E+7 (C)	38,000	2.0E+07	430,000	330	41,000	43,000	460,000	730,000	NA	240,000	4.9E+06	470,000	ID	21,000	2.4E+06
Volatilization to Ambient Air - Non-Residential							1.6E+08	230,000	3.5E+07	150,000	4.6E+07	2.5E+06	3,700	210,000	330,000	6.5E+06	2.0E+06	NA	700,000	1.8E+06	350,000	ID	210,000	1.5E+07
Particulate Soil Inhalation - Residential							3.9E+11	3.8E+08	6.7E+10	1.3E+09	1.0E+11	3.3E+10	6.2E+07	2.3E+09	4.7E+09	1.0E+10	5.8E+09	NA	6.6E+09	6.7E+08	2.0E+08	1.3E+09	2.7E+09	3.9E+11
Particulate Soil Inhalation - Non-Residential							1.7E+11	4.7E+08	2.9E+10	1.6E+09	4.4E+10	1.5E+10	7.8E+07	1.0E+09	2.1E+09	1.3E+10	2.6E+09	NA	8.3E+09	2.9E+08	8.8E+07	5.9E+08	1.2E+09	1.7E+11
Direct Contact - Residential							2.3E+07	180,000	1.2E+8 (C, DD)	1.2E+06	1.9E+07	2.7E+7 (C)	200,000	2.5E+6 (C)	3.8E+06	2.2E+07	2.5E+07	NA	1.3E+06	8.1E+06	1.6E+07	2.5E+06	200,000	2.9E+06
Direct Contact - Non-Residential							7.3E+07	840,000	7.0E+8 (C, DD)	5.5E+6 (C)	6.3E+07	8.7E+7 (C)	660,000 (C)	8.0E+6 (C)	1.2E+07	7.1E+07	8.0E+07	NA	5.8E+06	2.6E+07	5.2E+07	8.0E+06	930,000	9.5E+06
Soil Saturation Concentration Screening Level							1.1E+08	400,000	2.7E+07	1.5E+06	210,000	890,000	570,000	640,000	640,000	140,000	390,000	NA	2.3E+06	NA	NA	10,000,000	88,000	1.2E+08
Statewide Default Background Levels							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sample ID	Sample Depth (feet bgs)	Sample Date	Soil Type	Nearest Well	DTW Range	Below DTW																		
SB-122	15-16	04/30/13	Clay			Yes	ND	ND	ND	ND	ND	ND	ND	1,600	ND	ND	ND	ND	100	ND	ND	ND	ND	ND
SB-123	5-6	04/30/13	Clay	MW-102S	10.2 to 13.70	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65	93	18	345	210	ND	18	ND
SB124-4	4	04/21/14	Sand, Silty	MW-102S	10.2 to 13.70	No	ND	ND	45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	11	ND	ND	170
SB124-10	10	04/21/14	Sand, Silty	MW-102S	10.2 to 13.70	No	ND	ND	71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190
SB124-21	21	04/21/14	Clay	MW-102S	10.2 to 13.70	Yes	ND	ND	56	ND	ND	ND	ND	58	ND	ND	ND	ND	ND	ND	ND	ND	ND	190
SB125-4	4	04/21/14	Sand	MW-112S	14.77 to 17.62	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	14	ND	ND	150
SB125-13	13	04/21/14	Clayey Sand	MW-112S	14.77 to 17.62	No	ND	ND	165	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39	17	ND	ND	180
SB125-19	19	04/21/14	Clay	MW-112S	14.77 to 17.62	Yes	ND	ND	79	16	ND	ND	ND	350	ND	ND	ND	ND	ND	ND	ND	ND	ND	180
SB126-4	4	04/21/14	Sand, Silty	MW-111S	9.12 to 12.33	No	ND	ND	82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	14	ND	ND	140
SB126-11	11	04/21/14	Sand, Silty	MW-111S	9.12 to 12.33	Yes	ND	ND	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	ND	ND	ND	190
SB126-15	15	04/21/14	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	210
SB127-4	4	04/21/14	Sand, Silty	MW-116S	16.97 to 18.23	No	ND	ND	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	190
SB127-8	8	04/21/14	Sand, Silty	MW-116S	16.97 to 18.23	No	ND	ND	66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190
SB127-15	15	04/21/14	Clayey Sand	MW-116S	16.97 to 18.23	No	ND	ND	148	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30	14	ND	ND	170
SB127-20	20	04/21/14	Sand	MW-116S	16.97 to 18.23	Yes	ND	ND	126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190
SB128-3	3	04/21/14	Clay	MW-112S	14.77 to 17.62	No	ND	ND	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	150
SB128-7	7	04/21/14	Clay	MW-112S	14.77 to 17.62	No	ND	ND	123	ND	21	ND	ND	ND	ND	ND	16	ND	ND	820	346	ND	ND	150
SB128-10	10	04/21/14	Clay	MW-112S	14.77 to 17.62	No	ND	ND	127	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	47	ND	ND	140
SB129-4	4	04/22/14	Sand, Silty	MW-102S	10.2 to 13.70	No	ND	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43	40	ND	ND	150
SB129-8	8	04/22/14	Clay	MW-102S	10.2 to 13.70	No	ND	ND	53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	180
SB129-18	18	04/22/14	Clay	MW-102S	10.2 to 13.70	Yes	ND	ND	82	ND	ND	ND	ND	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	180
SB130-4	4	04/22/14	Sand	MW-111S	9.12 to 12.33	No	ND	ND	69	ND	ND	ND	ND	ND	ND	15	13	ND	ND	54	52	16	ND	180
SB130-10	10	04/22/14	Sand	MW-111S	9.12 to 12.33	Yes	ND	ND	68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170
SB130-18	18	04/22/14	Clay	MW-111S	9.12 to 12.33	Yes	ND	36	70	ND	ND	69	34	6,380	100	ND	ND	ND	ND	ND	ND	ND	ND	160
SB131-4	4	04/22/14	Sand, Silty	MW-111S	9.12 to 12.33	No	ND	ND	79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	72	100	ND	ND	150
SB131-10	10	04/22/14	Clay	MW-111S	9.12 to 12.33	No	ND	ND	65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180
SB131-18	18	04/22/14	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	164	ND	ND	35	18	2,820	62	ND	ND	ND	ND	ND	ND	ND	ND	160
SB132-12	12	07/10/14	Clay, Silty	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	ND	ND	ND	ND	2,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500
SB132-15	15	07/10/14	BR, Shale	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	ND	ND	ND	ND	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	300
SB133-17	17	07/10/14	Clay, Silty	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	ND	ND	13	ND	1,990	18	ND	ND	ND	ND	15	ND	ND	ND	150
SB133-19	19	07/10/14	Clay, Silty	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	ND	ND	ND	ND	530	ND	ND	ND	ND	ND	12	ND	ND	ND	160
SB133-20	20	07/10/14	Clay, Silty	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	ND	ND	ND	ND	270	ND	ND	ND	ND	ND	9	ND	ND	ND	117
SB134-18	18	12/22/14	Clay, Silty	MW-110S	8.56 to 10.26	Yes	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	ND	ND	29	37	14	ND	ND
SB134-20	20	12/22/14	Clay, Silty	MW-110S	8.56 to 10.26	Yes	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2
Soil Analytical Results - VOCs and Metals
RACER - Flint West #12990

EGLE Generic Residential Cleanup Criteria							Acetone	Benzene	2-Butanone (MEK)	Chloroform	1,2-Dichlorobenzene	1,1-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	Ethyl benzene	Isopropyl benzene	p-isopropyltoluene	Methylene chloride	2-Methylnaphthalene	Naphthalene	n-Propylbenzene	Tetrachloroethylene (PCE)	Tetrahydrofuran
Chemical Abstract Service Number							67-64-1	71-43-2	78-93-3	67-66-3	95-50-1	75-34-3	75-35-4	156-59-2	156-60-5	100-41-4	98-82-8		75-09-2	91-57-6	91-20-3	103-65-1	127-18-4	109-99-9
Drinking Water Protection - Residential							15,000	100	260,000	1,600 (W)	14,000	18,000	140	1,400	2,000	1,500	91,000	NA	100	57,000	35,000	1,600	100	1,900
Drinking Water Protection - Non-Residential							42,000	100	760,000	1,600 (W)	14,000	50,000	140	1,400	2,000	1,500	260,000	NA	100	170,000	100,000	4,600	100	5,400
Groundwater Surface Water Interface Protection							34,000	4,000 (X)	44,000	7,000	280	15,000	2,600	12,000	30,000 (X)	360	3,200	NA	30,000	4,200	730	ID	1,200 (X)	2.2E+5 (X)
Volatilization to Indoor Air - Non-Residential							5.4E+08	8,400	9.9E+7 (C)	38,000	2.0E+07	430,000	330	41,000	43,000	460,000	730,000	NA	240,000	4.9E+06	470,000	ID	21,000	2.4E+06
Volatilization to Ambient Air - Non-Residential							1.6E+08	230,000	3.5E+07	150,000	4.6E+07	2.5E+06	3,700	210,000	330,000	6.5E+06	2.0E+06	NA	700,000	1.8E+06	350,000	ID	210,000	1.5E+07
Particulate Soil Inhalation - Residential							3.9E+11	3.8E+08	6.7E+10	1.3E+09	1.0E+11	3.3E+10	6.2E+07	2.3E+09	4.7E+09	1.0E+10	5.8E+09	NA	6.6E+09	6.7E+08	2.0E+08	1.3E+09	2.7E+09	3.9E+11
Particulate Soil Inhalation - Non-Residential							1.7E+11	4.7E+08	2.9E+10	1.6E+09	4.4E+10	1.5E+10	7.8E+07	1.0E+09	2.1E+09	1.3E+10	2.6E+09	NA	8.3E+09	2.9E+08	8.8E+07	5.9E+08	1.2E+09	1.7E+11
Direct Contact - Residential							2.3E+07	180,000	1.2E+8 (C, DD)	1.2E+06	1.9E+07	2.7E+7 (C)	200,000	2.5E+6 (C)	3.8E+06	2.2E+07	2.5E+07	NA	1.3E+06	8.1E+06	1.6E+07	2.5E+06	200,000	2.9E+06
Direct Contact - Non-Residential							7.3E+07	840,000	7.0E+8 (C,DD)	5.5E+6 (C)	6.3E+07	8.7E+7 (C)	660,000 (C)	8.0E+6 (C)	1.2E+07	7.1E+07	8.0E+07	NA	5.8E+06	2.6E+07	5.2E+07	8.0E+06	930,000	9.5E+06
Soil Saturation Concentration Screening Level							1.1E+08	400,000	2.7E+07	1.5E+06	210,000	890,000	570,000	640,000	640,000	140,000	390,000	NA	2.3E+06	NA	NA	10,000,000	88,000	1.2E+08
Statewide Default Background Levels							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sample ID	Sample Depth (feet bgs)	Sample Date	Soil Type	Nearest Well	DTW Range	Below DTW																		
SB135-19	19	12/22/14	Clay	MW-113S	9.28 to 11.10	Yes	ND	ND	ND	ND	ND	ND	ND	1,100	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB135-21	21	12/22/14	Clay	MW-113S	9.28 to 11.10	Yes	ND	ND	ND	ND	ND	ND	ND	800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB136-19	19	12/22/14	Clay	MW-113S	9.28 to 11.10	Yes	ND	ND	ND	ND	ND	ND	ND	340	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB136-21	21	12/22/14	Clay	MW-113S	9.28 to 11.10	Yes	ND	ND	ND	ND	ND	ND	ND	450	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB137-18	18	12/22/14	Clay	MW-114S	8.54 to 10.01	Yes	ND	ND	ND	ND	ND	ND	ND	670	14	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB137-20.5	20.5	12/22/14	Clay	MW-114S	8.54 to 10.01	Yes	ND	ND	ND	ND	ND	ND	ND	290	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB138-15	15	01/16/19	Sand, Silty	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	ND	ND	ND	ND	470	ND	ND	ND	ND	22	ND	ND	ND	ND	174
SB138-18	18	01/16/19	Sand, Silty	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	ND	ND	ND	ND	550	13	ND	ND	ND	26	ND	ND	ND	ND	121
SB139-16	16	01/16/19	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	ND	136	ND	ND	1,800	ND	ND	ND	ND	230	ND	ND	ND	ND	1,800
DUP-1	(SB139-16)	01/16/19	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	ND	ND	ND	ND	1,000	ND	ND	ND	ND	210	ND	ND	ND	ND	1,750
SB139-18	18	01/16/19	Clay	MW-111S	9.12 to 12.33	Yes	430	20	ND	ND	ND	90	63	8,850	200	ND	ND	ND	32	ND	ND	ND	ND	180
SB140-16	16	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	ND	ND	2,300	ND	ND	ND	ND	3,500	ND	ND	ND	ND	260	ND	ND	ND	ND	1,800
SB140-19	19	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	ND	ND	ND	ND	150	ND	ND	ND	ND	30	ND	ND	ND	12	155
SB141-16	16	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	ND	ND	27	ND	ND	ND	ND	161
SB141-18	18	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	ND	ND	ND	ND	2,900	ND	ND	ND	ND	25	ND	ND	ND	ND	170
SB141-19	19	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	360	ND	ND	ND	ND	ND	ND	860	ND	ND	ND	ND	26	ND	ND	ND	ND	155

Results in micrograms per kilogram (µg/Kg)

Only compounds detected are included on this summary table. See laboratory reports for additional compounds analyzed.

Footnotes are presented behind the analytical summary tables.

TABLE 2
Soil Analytical Results - VOCs and Metals
RACER - Flint West #12990

EGLE Generic Residential Cleanup Criteria							Toluene	1,2,3-Trichlorobenzene	1,1,1-Trichloroethane	Trichloroethylene (TCE)	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Xylenes, Total	Arsenic (B)	Chromium, Total (Cr VI criteria)	Copper (B)	Lead (B)	Zinc (B)
Chemical Abstract Service Number							108-88-3	87-61-6	71-55-6	79-01-6	NA	95-63-6	108-67-8	75-01-4	1330-20-7	7440-38-2	7440-47-3	7440-50-8	7439-92-1	7440-66-6
Drinking Water Protection - Residential							16,000	NA	4,000	100		2,100	1,800	40	5,600	4,600	30,000	5.8E+06	700,000	2.4E+06
Drinking Water Protection - Non-Residential							16,000	NA	4,000	100	NA	2,100	1,800	40	5,600	4,600	30,000	5.8E+06	700,000	5.0E+06
Groundwater Surface Water Interface Protection							5,400	NA	1,800	4,000 (X)	NA	570	1,100	260 (X)	980	5,800	3,300	120,000 (G)	9,100,000 (G,X)	47,000 (G)
Volatilization to Indoor Air - Non-Residential							610,000	NA	460,000	1,900	NA	8.0E+06	4.8E+06	2,800	1.2E+07	NLV	NLV	NLV	NLV	NLV
Volatilization to Ambient Air - Non-Residential							3.6E+07	NA	4.5E+06	14,000	NA	6.0E+08	4.6E+08	29,000	1.3E+08	NLV	NLV	NLV	NLV	NLV
Particulate Soil Inhalation - Residential							2.7E+10	NA	6.7E+10	1.3E+08	NA	8.2E+10	8.2E+10	3.5E+08	2.9E+11	720,000	260,000	1.3E+08	1.0E+08	ID
Particulate Soil Inhalation - Non-Residential							1.2E+10	NA	2.9E+10	5.9E+07	NA	3.6E+10	3.6E+10	8.9E+08	1.3E+11	910,000	240,000	5.9E+07	4.4E+07	ID
Direct Contact - Residential							5.0E+07	NA	5.0E+8 (C)	110,000 (DD)	NA	3.2E+07	3.2E+07	3,800	4.1E+08	7,600	2.5E+06	2.0E+07	400,000	1.7E+08
Direct Contact - Non-Residential							1.6E+08	NA	1.0E+9 (C,D)	660,000 (DD,C)	NA	1.0E+08	1.0E+8 C	34,000	1.0E+09	37,000	9.2E+06	7.3E+07	900,000 (DD)	6.3E+08
Soil Saturation Concentration Screening Level							250,000	NA	460,000	500,000	NA	110,000	94,000	490,000	150,000	NA	NA	NA	NA	NA
Statewide Default Background Levels							NA	NA	NA	NA	NA	NA	NA	NA	NA	5,800	18,000	32,000	21,000	47,000
Sample ID	Sample Depth (feet bgs)	Sample Date	Soil Type	Nearest Well	DTW Range	Below DTW														
SB-122	15-16	04/30/13	Clay			Yes	ND	ND	ND	14,400	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB-123	5-6	04/30/13	Clay	MW-102S	10.2 to 13.70	No	ND	ND	ND	41	42	37	29	ND	39	NA	NA	NA	NA	NA
SB124-4	4	04/21/14	Sand, Silty	MW-102S	10.2 to 13.70	No	11	ND	ND	ND	ND	ND	ND	ND	ND	1,130	1,220	1,700	2,510	4,600
SB124-10	10	04/21/14	Sand, Silty	MW-102S	10.2 to 13.70	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	1,460	2,300	0	5,100
SB124-21	21	04/21/14	Clay	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	1,420	ND	ND	ND	ND	ND	1,830	3,350	8,200	7,580	19,000
SB125-4	4	04/21/14	Sand	MW-112S	14.77 to 17.62	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	570	2,050	7,400	13,800	11,400
SB125-13	13	04/21/14	Clayey Sand	MW-112S	14.77 to 17.62	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,440	3,260	6,100	5,100	12,200
SB125-19	19	04/21/14	Clay	MW-112S	14.77 to 17.62	Yes	ND	ND	11	3,650	ND	ND	ND	23	ND	1,410	4,240	11,400	8,590	20,800
SB126-4	4	04/21/14	Sand, Silty	MW-111S	9.12 to 12.33	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,300	1,220	3,400	2,280	5,900
SB126-11	11	04/21/14	Sand, Silty	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,250	2,920	3,100	3,790	8,600
SB126-15	15	04/21/14	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,180	2,870	5,600	5,470	14,700
SB127-4	4	04/21/14	Sand, Silty	MW-116S	16.97 to 18.23	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	410	1,980	1,600	4,710	3,700
SB127-8	8	04/21/14	Sand, Silty	MW-116S	16.97 to 18.23	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,630	2,560	3,000	5,740	10,300
SB127-15	15	04/21/14	Clayey Sand	MW-116S	16.97 to 18.23	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,060	4,540	5,800	7,330	20,300
SB127-20	20	04/21/14	Sand	MW-116S	16.97 to 18.23	Yes	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,780	610	1,200	950	2,400
SB128-3	3	04/21/14	Clay	MW-112S	14.77 to 17.62	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	1,460	3,900	6,250	6,000
SB128-7	7	04/21/14	Clay	MW-112S	14.77 to 17.62	No	ND	ND	ND	ND	14	ND	ND	ND	ND	1,550	2,860	5,600	11,400	13,200
SB128-10	10	04/21/14	Clay	MW-112S	14.77 to 17.62	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,150	5,890	5,300	6,950	9,900
SB129-4	4	04/22/14	Sand, Silty	MW-102S	10.2 to 13.70	No	13	ND	ND	ND	ND	14	ND	ND	21	2,790	2,550	13,000	104,000	21,300
SB129-8	8	04/22/14	Clay	MW-102S	10.2 to 13.70	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,740	4,080	3,600	6,100	13,100
SB129-18	18	04/22/14	Clay	MW-102S	10.2 to 13.70	Yes	19	ND	33	6,170	ND	ND	ND	ND	ND	1,460	4,730	7,200	7,420	19,200
SB130-4	4	04/22/14	Sand	MW-111S	9.12 to 12.33	No	31	ND	ND	ND	13	24		ND	92	3,580	3,090	17,700	123,000	51,800
SB130-10	10	04/22/14	Sand	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,700	1,150	1,700	2,110	5,800
SB130-18	18	04/22/14	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	6,080	ND	ND	ND	73	ND	1,980	2,770	9,800	6,510	18,000
SB131-4	4	04/22/14	Sand, Silty	MW-111S	9.12 to 12.33	No	45	ND	ND	28	12	22		ND	91	1,630	1,640	8,500	36,400	16,800
SB131-10	10	04/22/14	Clay	MW-111S	9.12 to 12.33	No	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,300	2,800	3,100	4,740	13,600
SB131-18	18	04/22/14	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	12,160	ND	ND	ND	90	ND	2,080	2,620	7,900	6,020	18,600
SB132-12	12	07/10/14	Clay, Silty	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	29,500	ND	ND	ND	180	ND	NA	NA	NA	NA	NA
SB132-15	15	07/10/14	BR, Shale	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	13,700	ND	ND	ND	89	ND	NA	NA	NA	NA	NA
SB133-17	17	07/10/14	Clay, Silty	MW-102S	10.2 to 13.70	Yes	ND	ND	25	11,680	ND	ND	ND	46	ND	NA	NA	NA	NA	NA
SB133-19	19	07/10/14	Clay, Silty	MW-102S	10.2 to 13.70	Yes	ND	ND	35	10,860	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB133-20	20	07/10/14	Clay, Silty	MW-102S	10.2 to 13.70	Yes	ND	ND	18	7,520	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB134-18	18	12/22/14	Clay, Silty	MW-110S	8.56 to 10.26	Yes	70	ND	ND	ND	ND	ND	ND	ND	85	380	NA	4,500	5,690	5,900
SB134-20	20	12/22/14	Clay, Silty	MW-110S	8.56 to 10.26	Yes	ND	ND	ND	2,040	ND	ND	ND	ND	ND	1,690	NA	3,000	3,380	19,500

TABLE 2
Soil Analytical Results - VOCs and Metals
RACER - Flint West #12990

EGLE Generic Residential Cleanup Criteria							Toluene	1,2,3-Trichlorobenzene	1,1,1-Trichloroethane	Trichloroethylene (TCE)	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Xylenes, Total	Arsenic (B)	Chromium, Total (Cr VI criteria)	Copper (B)	Lead (B)	Zinc (B)
Chemical Abstract Service Number							108-88-3	87-61-6	71-55-6	79-01-6	NA	95-63-6	108-67-8	75-01-4	1330-20-7	7440-38-2	7440-47-3	7440-50-8	7439-92-1	7440-66-6
Drinking Water Protection - Residential							16,000	NA	4,000	100		2,100	1,800	40	5,600	4,600	30,000	5.8E+06	700,000	2.4E+06
Drinking Water Protection - Non-Residential							16,000	NA	4,000	100	NA	2,100	1,800	40	5,600	4,600	30,000	5.8E+06	700,000	5.0E+06
Groundwater Surface Water Interface Protection							5,400	NA	1,800	4,000 (X)	NA	570	1,100	260 (X)	980	5,800	3,300	120,000 (G)	9,100,000 (G,X)	47,000 (G)
Volatilization to Indoor Air - Non-Residential							610,000	NA	460,000	1,900	NA	8.0E+06	4.8E+06	2,800	1.2E+07	NLV	NLV	NLV	NLV	NLV
Volatilization to Ambient Air - Non-Residential							3.6E+07	NA	4.5E+06	14,000	NA	6.0E+08	4.6E+08	29,000	1.3E+08	NLV	NLV	NLV	NLV	NLV
Particulate Soil Inhalation - Residential							2.7E+10	NA	6.7E+10	1.3E+08	NA	8.2E+10	8.2E+10	3.5E+08	2.9E+11	720,000	260,000	1.3E+08	1.0E+08	ID
Particulate Soil Inhalation - Non-Residential							1.2E+10	NA	2.9E+10	5.9E+07	NA	3.6E+10	3.6E+10	8.9E+08	1.3E+11	910,000	240,000	5.9E+07	4.4E+07	ID
Direct Contact - Residential							5.0E+07	NA	5.0E+8 (C)	110,000 (DD)	NA	3.2E+07	3.2E+07	3,800	4.1E+08	7,600	2.5E+06	2.0E+07	400,000	1.7E+08
Direct Contact - Non-Residential							1.6E+08	NA	1.0E+9 (C,D)	660,000 (DD,C)	NA	1.0E+08	1.0E+8 C	34,000	1.0E+09	37,000	9.2E+06	7.3E+07	900,000 (DD)	6.3E+08
Soil Saturation Concentration Screening Level							250,000	NA	460,000	500,000	NA	110,000	94,000	490,000	150,000	NA	NA	NA	NA	NA
Statewide Default Background Levels							NA	NA	NA	NA	NA	NA	NA	NA	NA	5,800	18,000	32,000	21,000	47,000
Sample ID	Sample Depth (feet bgs)	Sample Date	Soil Type	Nearest Well	DTW Range	Below DTW														
~~SB135-19~~	~~19~~	~~12/22/14~~	~~Clay~~	~~MW-113S~~	~~9.28 to 11.10~~	~~Yes~~	ND	ND	ND	7,890	ND	ND	ND	14	ND	1,900	NA	4,000	2,850	17,500
SB135-21	21	12/22/14	Clay	MW-113S	9.28 to 11.10	Yes	ND	ND	9	6,540	ND	ND	ND	ND	ND	2,080	NA	3,900	2,890	15,300
SB136-19	19	12/22/14	Clay	MW-113S	9.28 to 11.10	Yes	ND	ND	13	8,760	ND	ND	ND	ND	ND	1,870	NA	4,600	3,060	13,600
SB136-21	21	12/22/14	Clay	MW-113S	9.28 to 11.10	Yes	ND	ND	ND	9,390	ND	ND	ND	ND	ND	3,350	NA	4,300	3,740	18,800
SB137-18	18	12/22/14	Clay	MW-114S	8.54 to 10.01	Yes	ND	ND	21	4,250	ND	ND	ND	ND	ND	1,660	NA	4,200	2,810	13,500
SB137-20.5	20.5	12/22/14	Clay	MW-114S	8.54 to 10.01	Yes	ND	ND	ND	ND	ND	ND	ND	56	ND	3,040	NA	4,500	3,240	27,300
SB138-15	15	01/16/19	Sand, Silty	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	2,880	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB138-18	18	01/16/19	Sand, Silty	MW-111S	9.12 to 12.33	Yes	ND	ND	7	2,300	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB139-16	16	01/16/19	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	21,000	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
DUP-1	(SB139-16)	01/16/19	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	16,300	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB139-18	18	01/16/19	Clay	MW-111S	9.12 to 12.33	Yes	ND	ND	ND	3,440	ND	ND	ND	42	ND	NA	NA	NA	NA	NA
SB140-16	16	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	ND	130	ND	13,100	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB140-19	19	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	ND	ND	15	2,870	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB141-16	16	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	180	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB141-18	18	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	6,150	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
SB141-19	19	01/16/19	Sand	MW-102S	10.2 to 13.70	Yes	ND	ND	ND	3,370	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA

Results in micrograms per kilogram (µg/Kg)

Only compounds detected are included on this summary table. See laboratory reports for additional compounds analyzed.

Footnotes are presented behind the analytical summary tables.

Footnotes: Analytical Results Table

Format Indicates

DW - Drinking Water Residential Generic Criteria.

GSI - Groundwater Surface Water Interface Generic Criteria per MDEQ Surface Water Division Rule 57.

	Blank cells indicate no detectable concentrations Exceeds DW criteria
X	Exceeds DW criteria
X	Exceeds GSI criteria
X	Exceeds both DW and GSI criteria
NC	Insufficient data to develop criterion/no criterion
G	Groundwater to Surface Water Interface Criteria - calculated based on 257ppm total hardness in the Flint River

Double Underline Concentration exceeding Direct Contact RBSLs.

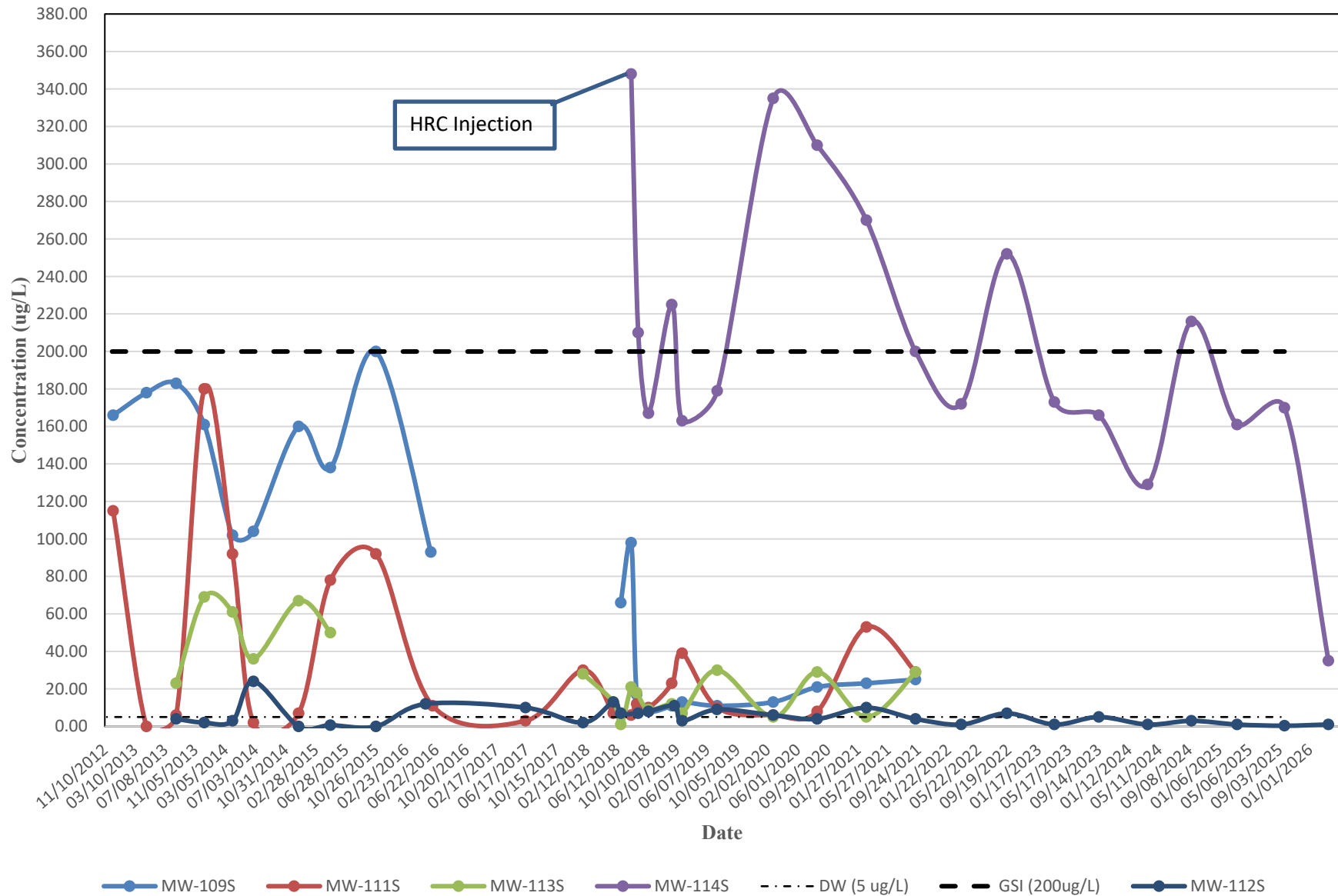
Red text Detected concentration greater than the Residential or Non-Residential Indoor Air Inhalation RBSL.

Code Definition

TOC	Top of Casing Elevation
DT NAPL	Depth to Non-Aqueous Phase Liquid (NAPL)
DTW	Depth to Water
GW Elev.	Groundwater Elevation
bgs	below ground surface
ND	Not Detected
NA	Not submitted for Analyses, or Not Applicable
NS	Not Sampled on this date
NM	Not Measured/Well Inaccessible

**Alpha notation refer to MDEQ Footnotes for the Part 213 Risk-Based Screening Levels, Part 201 Administrative Rule R 299.49.

TCE in MW-109S, MW-111S, MW-112S, MW-113S, MW-114S (downgradient wells)





Applied *Eco*Systems, Inc.

Environmental Management, Consulting & Field Services

Low-Flow Test Report:

Test Date / Time: 3/18/2026 10:45:03 AM
Project: 11-4317-102 (2)
Operator Name:

Location Name: MW 110S	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 821578
------------------------	--------------------------	--

Test Notes:
LEAD
PFAS
EBTEX

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/18/2026 10:45 AM	00:00	7.832 pH	8.939 °C	0.079 µS/cm	12.30 mg/L	0.000 NTU	103.9 mV	
3/18/2026 10:48 AM	03:00	6.472 pH	7.529 °C	0.082 µS/cm	12.68 mg/L	52.22 NTU	-12.5 mV	
3/18/2026 10:51 AM	06:00	6.447 pH	6.933 °C	0.084 µS/cm	12.79 mg/L	19.45 NTU	-6.5 mV	
3/18/2026 10:54 AM	09:00	6.450 pH	6.575 °C	0.085 µS/cm	12.81 mg/L	10.58 NTU	-16.3 mV	
3/18/2026 11:10 AM	25:26		5.912 °C	0.086 µS/cm	12.63 mg/L	1.722 NTU		
3/18/2026 11:13 AM	28:26		5.925 °C	0.086 µS/cm	12.56 mg/L	1.294 NTU		
3/18/2026 11:16 AM	31:26		5.912 °C	0.086 µS/cm	12.49 mg/L	0.765 NTU		

Samples

Sample ID:	Description:
MW-110S	METALS PFAS EBTEX

Low-Flow Test Report:

Test Date / Time: 3/18/2026 12:16:31 PM
Project: 11-4317-102 (4)
Operator Name:

Location Name: MW-108S	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 821578
------------------------	--------------------------	--

Test Notes:
METALS
EBTEX
PFAS

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/18/2026 12:16 PM	00:00	6.845 pH	6.403 °C	0.085 µS/cm	11.99 mg/L	31.95 NTU	93.4 mV	
3/18/2026 12:48 PM	31:58	7.097 pH	7.307 °C	0.083 µS/cm	11.85 mg/L	0.000 NTU	130.2 mV	

Samples

Sample ID:	Description:
MW-108S	METALS PFAS EBTEX

Low-Flow Test Report:

Test Date / Time: 3/17/2026 10:50:51 AM
Project: 11-4317-102
Operator Name:

Location Name: MW-112S	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 821578
------------------------	--------------------------	--

Test Notes:
EBTEX
LEAD
PFAS

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/17/2026 10:50 AM	00:00	7.804 pH	3.610 °C	674.9 µS/cm	5.734 mg/L	969.1 NTU	-122.2 mV	
3/17/2026 10:53 AM	03:00	7.632 pH	4.493 °C	683.3 µS/cm	4.874 mg/L	81.86 NTU	-115.3 mV	
3/17/2026 10:56 AM	06:00	7.488 pH	6.071 °C	690.6 µS/cm	4.072 mg/L	19.09 NTU	-110.4 mV	
3/17/2026 10:59 AM	09:00	7.329 pH	7.163 °C	707.0 µS/cm	4.116 mg/L	36.59 NTU	-105.0 mV	
3/17/2026 11:02 AM	12:00	7.236 pH	7.918 °C	699.6 µS/cm	4.635 mg/L	3.356 NTU	-107.3 mV	
3/17/2026 11:05 AM	15:00	7.479 pH	7.498 °C	669.1 µS/cm	4.258 mg/L	0.000 NTU	-100.5 mV	
3/17/2026 11:08 AM	18:00	7.464 pH	8.449 °C	663.1 µS/cm	4.626 mg/L	0.000 NTU	-94.6 mV	
3/17/2026 11:11 AM	21:00	7.431 pH	8.845 °C	673.9 µS/cm	4.602 mg/L	0.000 NTU	-94.4 mV	
3/17/2026 11:14 AM	24:00	7.370 pH	9.217 °C	679.0 µS/cm	4.427 mg/L	0.000 NTU	-95.6 mV	
3/17/2026 11:17 AM	27:00	7.396 pH	9.367 °C	684.6 µS/cm	4.433 mg/L	0.000 NTU	-94.8 mV	
3/17/2026 11:20 AM	30:00	7.382 pH	9.499 °C	689.5 µS/cm	4.469 mg/L	0.000 NTU	-94.1 mV	

Samples

Sample ID:	Description:
MW-12S-20260317	EBTEX LEAD PFAS

Low-Flow Test Report:

Test Date / Time: 3/18/2026 11:27:26 AM
Project: 11-4317-102 (3)
Operator Name:

Location Name: MW-114S	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 821578
------------------------	--------------------------	--

Test Notes:
METALS
EBTEX
PFAS

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/18/2026 11:27 AM	00:00		4.988 °C	833.7 µS/cm	12.53 mg/L	178.2 NTU		
3/18/2026 11:30 AM	03:00		5.997 °C	684.2 µS/cm	12.11 mg/L	137.2 NTU		
3/18/2026 11:33 AM	06:00		6.209 °C	675.3 µS/cm	12.07 mg/L	107.4 NTU		
3/18/2026 11:36 AM	09:00		6.409 °C	666.1 µS/cm	12.03 mg/L	97.32 NTU		
3/18/2026 11:39 AM	12:00		6.520 °C	666.9 µS/cm	11.99 mg/L	94.97 NTU		
3/18/2026 11:42 AM	15:00		6.625 °C	669.8 µS/cm	11.97 mg/L	95.72 NTU		
3/18/2026 11:45 AM	18:00		6.729 °C	663.6 µS/cm	11.96 mg/L	89.34 NTU		
3/18/2026 11:48 AM	21:00		6.812 °C	663.0 µS/cm	11.93 mg/L	78.78 NTU		
3/18/2026 11:51 AM	24:00		6.924 °C	669.2 µS/cm	11.86 mg/L	84.98 NTU		
3/18/2026 12:00 PM	33:25	6.842 pH	6.755 °C	651.6 µS/cm	11.88 mg/L	103.2 NTU	95.9 mV	

Samples

Sample ID:	Description:
MW-114S	METALS PFAS EBTEX
DUP-1	

Low-Flow Test Report:

Test Date / Time: 3/18/2026 1:06:25 PM
Project: 11-4317-102 (5)
Operator Name:

Location Name: MW-117S	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 821578
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Test Notes:
METALS
EBTEX
PFAS

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/18/2026 1:06 PM	00:00		5.010 °C	1,036 µS/cm	10.31 mg/L	471.5 NTU		
3/18/2026 1:28 PM	21:54	7.143 pH	7.561 °C	1,281 µS/cm	7.941 mg/L	122.0 NTU	57.7 mV	
3/18/2026 1:39 PM	32:49		7.241 °C	1,291 µS/cm	7.823 mg/L	10.87 NTU		

Samples

Sample ID:	Description:
MW-117S	METALS PFAS EBTEX



Applied *Eco*Systems, Inc.

Environmental Management, Consulting & Field Services

**LABORATORY DATA VALIDATION
MARCH 2026 BIENNIAL GROUNDWATER
SAMPLING EVENT**

**RACER Trust
Flint West Industrial Land (#12990)
Glenwood Avenue and Stevenson Street
Flint, Michigan**

June 24, 2026
Project # 11-4317-102

Applied EcoSystems, Inc.
G-4300 South Saginaw Street, Burton, Michigan 48529
Phone: (810) 715-2525 Fax: (810) 715-2526
www.AppliedEcoSystems.com

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Acronyms and Abbreviations

Æ	Applied EcoSystems, Inc.
ASTM International (ASTM)	
AAI	All Appropriate Inquiry
BER	Business Environmental Risk
CREC	Controlled Recognized Environmental Condition
DMC	De Minimis Condition(s)
ESA	Environmental Site Assessment
HREC	Historical Recognized Environmental Condition
PEC	Potential Environmental Concern
REC	Recognized Environmental Condition
VEC	Vapor Encroachment Condition
Buildings, Structures, and Materials	
ACBM	Asbestos Containing Building Material
ACM	Asbestos Containing Materials
AST	Aboveground Storage Tank
HVAC	Heating, Ventilation, and Air Conditioning Systems
LUST	Leaking Underground Storage Tank
ROW	Right-of-Way
UST	Underground Storage Tank
Federal Agencies	
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
NRCS	Natural Resources Conservation Service
OSHA	Occupational Health and Safety Administration
SBA	Small Business Administration
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
Federal Environmental Regulations, Programs, and Databases	
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	CERCLA Information System
CESQG	Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CORRACTS	Resource Conservation and Recovery Act Corrective Action
CWA	Clean Water Act
ERNS	Emergency Response Notification System
FOIA	Freedom of Information Act
LQG	Large Quantity Generator
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFRAP	No Further Remedial Action Planned
NPL	National Priority List
NRCS	Natural Resources Conservation Service
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
SEMS	Superfund Enterprise Management System
SQG	Small Quantity Generator
TSCA	Toxic Substances Control Act
TSD	Treatment, Storage and Disposal Facility

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Hazardous Substances and Petroleum Products	
BTEX	Benzene, Toluene, Ethyl Benzene, Xylenes
CVOCs	Chlorinated Volatile Organic Compounds
MTBE	Methyl Tertiary Butyl Ether
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene, Tetrachloroethylene, Perchloroethene, Perchloroethylene, PERC
PFAS	Per- and Polyfluoroalkyl Substances, including PFOS, PFOA, and GenX
PNAs	Polynuclear Aromatics - also known as Polycyclic Aromatic Hydrocarbons (PAHs)
SVOCs	Semi-Volatile Organic Compounds
TCE	Trichloroethene, Trichloroethylene
TMBs	Trimethylbenzenes
VOCs	Volatile Organic Compounds
Mapping, Instruments and Units of Measurement	
bgs	Below Ground Surface
GIS	Geographic Information System
msl	Mean Sea Level
PID	Photoionization Detector
ppb	Parts Per Billion
ppb(v)	Parts Per Billion by Volume
ppm	Parts Per Million
ppm(v)	Parts Per Million by Volume
T/R/S	Township, Range, Section
µg/Kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
ng/Kg	Nanograms per Kilogram
ng/L	Nanograms per Liter
Michigan-Specific	
BEA	Baseline Environmental Assessment
DDCC	Documentation of Due Care Compliance
ResAP	Response Activity Plan
NREPA	Natural Resources and Environmental Protection Act
EGLE	Michigan Department of Environment, Great Lakes and Energy and its predecessors below:
MDEQ	Michigan Department of Environmental Quality
MDNRE	Michigan Department of Natural Resources and Environment
MDNR	Michigan Department of Natural Resources
LARA	Michigan Department of Licensing and Regulatory Affairs
GRCC	Generic Residential Cleanup Criteria (or Criterion)
DW/DWP	Drinking Water/Drinking Water Protection
DC	Direct Contact
F/E	Flammability/Explosivity Limit
GSI/GSIP	Groundwater to Surface Water Interface/Groundwater to Surface Water Interface Protection
PI	Particulate Inhalation
VIA	Volatilization to Indoor Air
VOA	Volatilization to Outdoor Air
MI 10 Metals	Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Selenium, Silver, and Zinc
LGP	Leaded Gasoline Indicator Parameters (includes BTEX, TMBs and other compounds)
ULGP	Unleaded Gasoline Indicator Parameters (includes BTEX, MTBE, TMBs and other compounds)
VIAP	Volatilization to Indoor Air Pathway

1. INTRODUCTION

Applied EcoSystems, Inc. (Æ) was retained to conduct a validation review of the laboratory analytical data collected in support of the March 2026 bi-annual groundwater sampling event at the RACER Flint West #12990 Site in the City of Flint, Michigan. The sampling was performed in accordance with the requirements of the September 29, 2011, RCRA Administrative Order on Consent between the U.S. Environmental Protection Agency (USEPA) and RACER for the Flint West Site; and the Laboratory Data Validation was performed as part of the requirements of the April 1, 2021, project Quality Assurance Project Plan (QAPP).

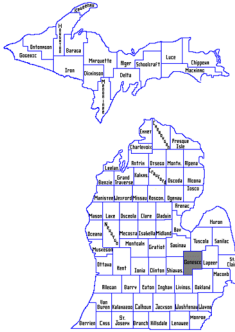
Groundwater samples were submitted to Merit Laboratories, Inc., of East Lansing, Michigan. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. Samples were prepared at the laboratory in accordance with their standard operating procedures for groundwater processing. A summary of the analytical methodology is presented in Table 3.

Standard report deliverables were submitted by the laboratory to Æ. The final results and supporting quality assurance/quality control (QA/QC) data were evaluated by Æ, as documented herein. Data evaluation was based on information obtained from the chain of custody forms, field notes, finished report forms, method blank data, duplicate data, and recovery data from surrogate spikes and laboratory control spikes (LCS) and matrix spikes (MS)/matrix spike duplicates (MSD).

The QA/QC criteria by which these data have been evaluated are outlined in the analytical methods reference in Table 3 in the April 1, 2021 project QAPP and in applicable guidance documents (hereafter identified as “Guidelines”), including:

- Michigan Department of Environment, Great Lakes, and Energy (EGLE) *Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) Minimum Laboratory Analyte List*, updated March 8, 2021;
- Michigan Department of Environmental Quality (MDEQ), now EGLE, *Application of Target Detection Limits and Designated Analytical Methods*, dated March 2016 and modified April 2024;
- MDEQ, *General PFAS Sampling Guidance*, revised January 2024;
- USEPA, Superfund Contract Laboratory Program, National Functional Guidelines for Organic Superfund Methods Data Review (SOM02.4), EPA-540-R-2017-002, dated January 2017;
- USEPA, Superfund Contract Laboratory Program, National Functional Guidelines for Inorganic Superfund Methods Data Review (ISM02.4), EPA-540-R-2017-001, January 2017;
- USEPA, PFAS Methods and Guidance for Sampling and Analyzing Water and Other Environmental Media-Technical Brief, EPA/600/F-17-022h; and
- USEPA, Region 9, Laboratory Data Review for the Non-Chemist, dated October 2014.

1.1 Property Location and Description

Property Address:	Glenwood Avenue and Stephenson Street	
Municipality:	City of Flint, Michigan	
County:	Genesee	
T/R/S	T7N, R6E, S12	
Parcel ID:	40-13-177-002	
Land Area:	3.17 acres, per tax records.	

2. LABORATORY DELIVERABLES

Four laboratory reports were received from Merit Laboratories for chains-of-custody prepared for groundwater samples collected by Æ on March 17 and 18, 2026 – each for analysis of VOCs, dissolved and total metals (arsenic, chromium, chromium-hexavalent, copper, lead, selenium, and zinc), and PFAS. Laboratory reports were identified as Merit Laboratories' Level II deliverables, appropriate under USEPA guidelines for desktop review. Raw laboratory data (including GC/MS scans, instrument calibration data, etc.) were not included in the deliverables.

Deliverables included the Merit Laboratories Analytical Laboratory Reports and Quality Control Reports IDs listed following and included in Appendix B of the 2026 Data Report (referenced in Appendix C of this report):

S85190.01,
S85192.01,
S85245.01,
S85246.01,
QC-S85190-01,
QC-S85192-01,
QC-S85245-01, and
QC-S85246-01.

3. DESKTOP LABORATORY DATA REVIEW

Deliverables were reviewed to verify that the following reporting information was documented fully. Where concerns were identified, limitations on data validity were evaluated based on the identified concerns.

All Analytical Laboratory Report cover sheets were signed by Maya Murshak, Technical Director of Merit Laboratories, Inc.

All Quality Control Report cover sheets were signed by Barbara Ball, Quality Assurance Manager of Merit Laboratories, Inc.

3.1 Case Narratives

The case narrative typically is a short summary statement about the analyses that commonly documents any significant concerns with the condition of received samples, analytical problems, or QA/QC concerns. All deliverables identified no conditions warranting narrative beyond general laboratory reporting information.

3.2 Laboratory Accreditation/Certification Information

The following laboratory certifications were identified on each Analytical Laboratory Report:

Authority	Certification/Accreditation ID
Michigan DEQ (EGLE)	#9956
DOD ELAP/ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Details of laboratory certifications and accreditations are appended to the Project QAPP.

3.3 Laboratory Contact Information

Each Analytical Laboratory Report identifies the following laboratory contact information:

Merit Laboratories, Inc., 2680 East Lansing Drive, East Lansing, MI 48823
Phone: (517) 332-0167 Fax: (517) 332-6333

Contacts for Report questions:

John Laverty (johnlaverty@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

3.4 Times Samples Collected, Received, Prepared, and Analyzed

Sample collection dates and times were tabulated in the Sample Summary of each Analytical Laboratory Report, identified in the header of each sample data report, and written on the chain of custody appended to each Report.

Times and dates of sample receipt were documented on the chain of custody appended to each Report but were not documented in the Sample Container/Preservation/Temperature summary for each sample data report.

Times and dates of sample extraction and preparation were documented in the Extraction/Prep. Summary for each sample data report.

Dates and times of sample analyses for each analytical method were documented in each sample data report.

No deviations from Guidelines were identified.

3.5 Laboratory Analytical Methods

Laboratory analytical methods were summarized in the Method Summary of each Analytical Laboratory Report and for each analyte group documented in each sample data report. Analytical methods used for this project were as follow:

Method	Version	Analytes
E200.8	EPA Method 200.8 Revision 5.4	Arsenic, chromium, copper, lead, selenium, zinc
SM3500-Cr B	Standard Method 3500 Cr B 2020	Chromium VI
SW3015A	SW 846 Method 3015A Revision 1 February 2007	Metals digestion
SW5030C/8260C	SW 846 8260C Revision 3 August 2006 5030C Revision 3 May 2003	VOCs
ASTMD7979-19M	ASTM Method D7979-19 Modified (Isotopic Dilution)	PFAS, EGLE 28 Parameters

3.6 Analyte Reporting

Analytes were reported to significant figures established by Method Detection Limits (MDLs).

Results not detected at or exceeding the laboratory's MDL and Reporting Limit (RL) were identified as "Not Detected."

The laboratory reports identified detected results down to the laboratory's MDL for each analyte adjusted for specific sample dilutions, weights, and volumes. For metals, positive analyte detections less than the RL but greater than the MDL were indicated by "b" in Merit Analytical Laboratory Reports. For organic analytes, positive analyte detections less than the RL but greater than the MDL were qualified as estimates, indicated by "J" in Merit Analytical Laboratory Reports unless qualified otherwise in this report.

3.7 Holding Times and Sample Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

The samples were properly preserved, delivered on ice, and received and stored at the laboratory at the required temperature range (0-6° Celsius). Acid-preserved samples for total metals analysis were received at pH levels less than 2. Samples for dissolved metals analysis (including chromium VI) were filtered and preserved in the laboratory immediately upon receipt at the laboratory to limit potential for metals to be deposited to or leached from suspended solids in the samples. Laboratory filtration was documented on Analytical Laboratory Reports and on the Login Checklist.

3.8 Units of Measurement

Units of measurement are identified on each sample report of the Analytical Laboratory Reports. Units for each analyte group are as follow:

Analyte Group	Units
Metals (including Cr VI)	milligrams per liter (mg/L)
VOCs	micrograms per liter (µg/L)
PFAS	nanograms per liter (ng/L)

Individual tables in project reports may identify concentrations equivalently in different units of measurement. Table 2 of this report identifies metals concentrations (including Cr VI) in micrograms per liter (µg/L) and identifies PFAS compounds in nanograms per liter (ng/L).

3.9 Detection/Reporting Limits

Each sample report of the Analytical Laboratory Reports individually tabulates the sample analytical result, Reporting Limit (RL), Method Detection Limit (MDL), and dilution factor. On Table 2, analytical results less than MDLs are identified as less than (<) the specified RL. Concentrations detected less than the RL but greater than the MDL are identified as the detected concentration qualified with a “b” flag, and estimated concentrations less than RL but greater than MDL are qualified with a “J” flag in the Merit Laboratory Analytical Reports.

3.10 Data Qualifiers

The Analytical Laboratory Reports tabulate the following qualifying flags:

Qualifier/Flag	Description
1	Laboratory contamination
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDLL
X	Elevated reporting limit due to matrix interference
b	Value detected less than reporting limit, but greater than MDL

Of these qualifiers, the following were determined to be applicable to one or more sample laboratory results in Table 2:

Qualifier/Flag	Applicable Samples
I	PFTTrDA – MW-106SR FOSA – MW-106SR PFTeDA – MW-106SR
J	Acetone – MS MW-103S, MSD MW-103S Chloroform - MW-108S, MW-117S, FB-1, EB-1 1,1-Dichloroethane – MW-110S, MW-112S, MW-114S, DUP-1 1,1-Dichloroethene - MW-110S, MW-112S cis-1,2-Dichloroethene – MW-100S, MW-110S, MW-112S Tetrahydrofuran - MS MW-103S, MSD MW-103S Trichloroethene - MW-108S, MW-117S Vinyl Chloride - MW-114S, DUP-1 PFBA – MW-100S, MW-104S, MW-106SR, MW-110S PFPeA - MW-110S, MW-117S PFBS – MW-103S, MW-108S, MW-110S, MW-114S, MW-117S, DUP-1 PFOA – MW-103S, MW-110S, MW-112S, MW-117S, FB-1, FB-2 PFOS - DUP-1 PFHxS – MW-104S, MW-106SR, MW-117S PFHxS-LN – MW-104S, MW-106SR, MW-117S N-MeFOSAA – MW-106SR PFOS-BR - MW-108S
b	Dissolved Arsenic – DUP-1 Total Copper – MW-100S, MW-104S, MW-108S, MW-110S, MW-114S Dissolved Copper – MW-104S, MW-110S, Total Chromium - MW-110S, MW-112S, MW-114S, DUP-1 Dissolved Chromium – MW-106SR, MW-114S Total Lead - MW-114S, DUP-1 Dissolved Selenium – DUP-1 Total Zinc – MW-108S
X	PFBA – MW-103S

The qualifiers should be used by all data users to understand and appropriately apply the data.

Analytical Report S85245.01 used an additional non-standard qualifier (1) to designate suspected laboratory cross-contamination.

3.11 Surrogate Recoveries

Surrogates are chemicals similar to the target analyte(s) in chemical composition and behavior that are not expected to be present in the sample(s). Surrogates are added to all environmental samples, blanks, and other QC samples in an analytical batch during the preparation stage for some organic analyses (including VOCs and PFAS in the subject laboratory analytical reports). Surrogates monitor analytical performance, especially extraction efficiency, purging efficiency (for volatiles), and possible matrix effects that MS/MSD spikes, which are added only to one sample per batch, cannot.

All surrogate recoveries identified in the laboratory analytical reports were within the percent recovery and allowable range listed for each surrogate compound.

3.12 Blank Analyses

Blanks are designated to measure cross-contamination in different parts of the sampling and analytical process.

3.12.1 Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The Method Blank (Trip Blank TB-1) was not identified with detectable concentrations of VOCs or PFAS.

3.12.2 Equipment Blank Analyses

Equipment blanks are designed to monitor the cleanliness of field equipment and the effectiveness of decontamination procedures if equipment is used for multiple sample collections.

For this study, laboratory equipment blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per batch.

Chloroform was detected in the equipment blanks but was not detected in any monitoring well sample. This is attributed to laboratory contamination. All other equipment blank analyses were non-detect (including PFAS).

3.12.3 Field Blank Analyses

Field Blanks are designated to measure cross-contamination that may occur during sample handling and transport, such as from a broken bottle in the sample ice chest.

Chloroform was detected in the equipment blanks but was not detected in any monitoring well sample. This is attributed to laboratory contamination. All other equipment blank analyses were non-detect (including PFAS).

Based on the field blanks, sample handling was not considered to result in detectable concentrations greater than RLs and not likely to affect sample result comparisons to cleanup criteria.

3.13 Laboratory Control Sample Spike Analyses

Laboratory Control Samples (LCS) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all analytes of interest. LCS recoveries were assessed per the “Guidelines.” All LCS recoveries were within the control limits. Because these analytes were not detected in any of the samples, the identified variances are not considered to affect data evaluation conclusions.

3.14 Matrix Spike and Matrix Spike Duplicate Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, selected field samples are spiked with a known concentration of the analyte of concern and analyzed as Matrix Spike (MS)/Matrix Spike Duplicate (MSD) samples. The Relative Percent Difference (RPD) between the MS and MSD is used to assess analytical precision.

If the original sample concentration is significantly greater than the spike concentration, or if sample is diluted five times or greater, the recovery is not assessed.

If only the MS or MSD recovery was outside of control limits, no qualification of the data was performed based on the acceptable recovery of the companion spike and the acceptable RPD.

MS/MSD analyses were performed as specified in Table 4.

The MS/MSD samples were spiked with analytes of interest, and the results were evaluated using the “Guidelines.” Table 4 presents the outlying matrix spike results. The associated sample data were qualified as estimated in the Merit Laboratory Analytical Reports. The remaining percent recoveries and RPD values were within the control limits criteria.

All of the matrix spikes and matrix spike duplicates were identified as falling within Control Limits, assuming a standard RPD limit of 30. Interpretation of site conditions is not considered to have been affected.

The inferred associated matrix interferences were not considered to affect the report conclusions.

3.15 Interferences

Interference is a bias that is introduced because something in the sample interferes with the analytical system’s ability to provide an accurate measurement. The interference may be physical (such as turbidity that could block light transmission in an analysis based on UV absorbance), chemical (a chemical similar to the analyte of interest may react with that analyte and affect instrument response), or spectroscopic (with the detector receiving an enhanced or suppressed signal due to an emission or absorbance by some other chemical or material in the matrix). Interferences can be positive or negative. Significant analytical interferences and their effects on the data are identified in the laboratory’s case narrative.

No significant interferences were reported in the laboratory’s case narratives.

3.16 Field Duplicate Sample Analyses

One field duplicate sample was collected for the purposes of evaluating field QA/QC. The field duplicate sample was submitted “blind” to the laboratory, as specified in Table 1, and on chains of custody. The RPDs associated with the duplicate sample must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value for water samples.

The field duplicate results shown in Table 5 were within acceptable agreement (less than 50%), demonstrating acceptable sampling and analytical precision, except for total chromium. The analytical deviation for total chromium likely reflected variations in chromium content in suspended sediment or variations in the amount of sediment suspended in the samples, so this deviation is not considered to indicate an analytical concern.

3.18 Chain-of-Custody Forms

Each Merit Analytical Laboratory Report and Quality Control Report was accompanied by a copy of the executed chain of custody.

No chain-of-custody issues were noted by the laboratory.

3.19 Laboratory Sample Receipt Checklist

Each Merit Analytical Laboratory Report is accompanied by a Merit Laboratories Login Checklist that documented sample conditions on receipt, chain of custody, preservation, and bottle conditions.

All samples were identified as received via courier pickup on ice at temperatures within 2-6 degrees Celsius and transferred to appropriate refrigeration.

All chains of custody were reported to be adequately filled out, signed, and matched the sample labels provided.

No requirement for subcontract laboratory analyses was identified.

All bottles were identified as appropriate and supplied by Merit, intact, filled appropriately, and submitted within holding times.

All samples were received with appropriate preservation, except:

- Samples submitted for dissolved metals (including chromium VI) analyses on chains of custody for Merit Analytical Laboratory Report S79185.01 and S79206.01 required laboratory filtration and preservation, and the chain of custody for S79206.01 specified such. Laboratory records indicate that samples received under the chains of custody were appropriately filtered and preserved immediately upon receipt at the laboratory.

4. FINDINGS, CONCLUSIONS, AND DATA LIMITATIONS

On March 17 and 18, 2026, AEC collected groundwater samples from ten monitoring wells at the RACER Flint West Industrial Land Site using USEPA low-stress sampling protocols. One duplicate sample, two field blanks, and one matrix spike and duplicate were collected. Samples were collected in appropriate laboratory-provided bottles with laboratory-provided preservatives and were maintained on ice until delivery under complete chain-of-custody protocols to Merit Laboratories within appropriate holding times. No sample condition issues were identified in the field or upon laboratory receipt. Samples were analyzed by specified standard methods for VOCs, EGLE 28 PFAS, six total and dissolved metals, and total and dissolved chromium VI. Filtration and preservation for dissolved metals (including dissolved chromium VI) were performed immediately upon laboratory receipt instead of during field collection.

Laboratory deliverables include four analytical laboratory reports, four quality control reports, and chains-of-custody for each. Each laboratory report contained a case narrative, laboratory accreditation/certification information, laboratory contact information, analytical methods, and analyte reporting relative to method detection limits (MDLs) and reporting limits (RLs). Data qualifiers were identified and evaluated in this Laboratory Data Validation report. No samples were extracted or analyzed beyond their holding times.

All surrogate recoveries were within their allowable ranges for each surrogate compound, indicating satisfactory laboratory performance. Analysis of laboratory blank samples identified no indications of significant cross-contamination. Detectable concentrations of those analytes were not identified in other samples. The equipment blank identified no detectable analytes greater than RLs, including PFAS. The field blank also was determined to contain no detectable analytes. Accordingly, no significant indications of cross-contamination were identified. Laboratory Control Spike (LCS) and LCS Duplicate analyses indicated the potential for PFAS analytes except with constituents to exhibit wide variations within Recovery Control Limits; however, because those analytes were detected at the Site only in spiked samples, this condition is not considered to have affected report conclusions.

Based on the assessment detailed in the foregoing QA/QC summary, the laboratory data summarized in Table 2 are considered acceptable within the specific qualifications noted herein.

5. SIGNATURES

This report was prepared under the supervision of the following Environmental Professionals as defined in §312.10 of 40 CFR 312.



Michael D. Smith, Environmental Professional
Senior Technical Manager of Æ.

June 24, 2026

Date



Sandra K. Clark, Environmental Professional
President of Æ.

June 24, 2026

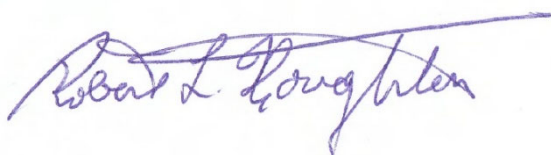
Date



Rodney Abke, CPG, LPG, Environmental Professional,
Æ Senior Geologist

June 24, 2026

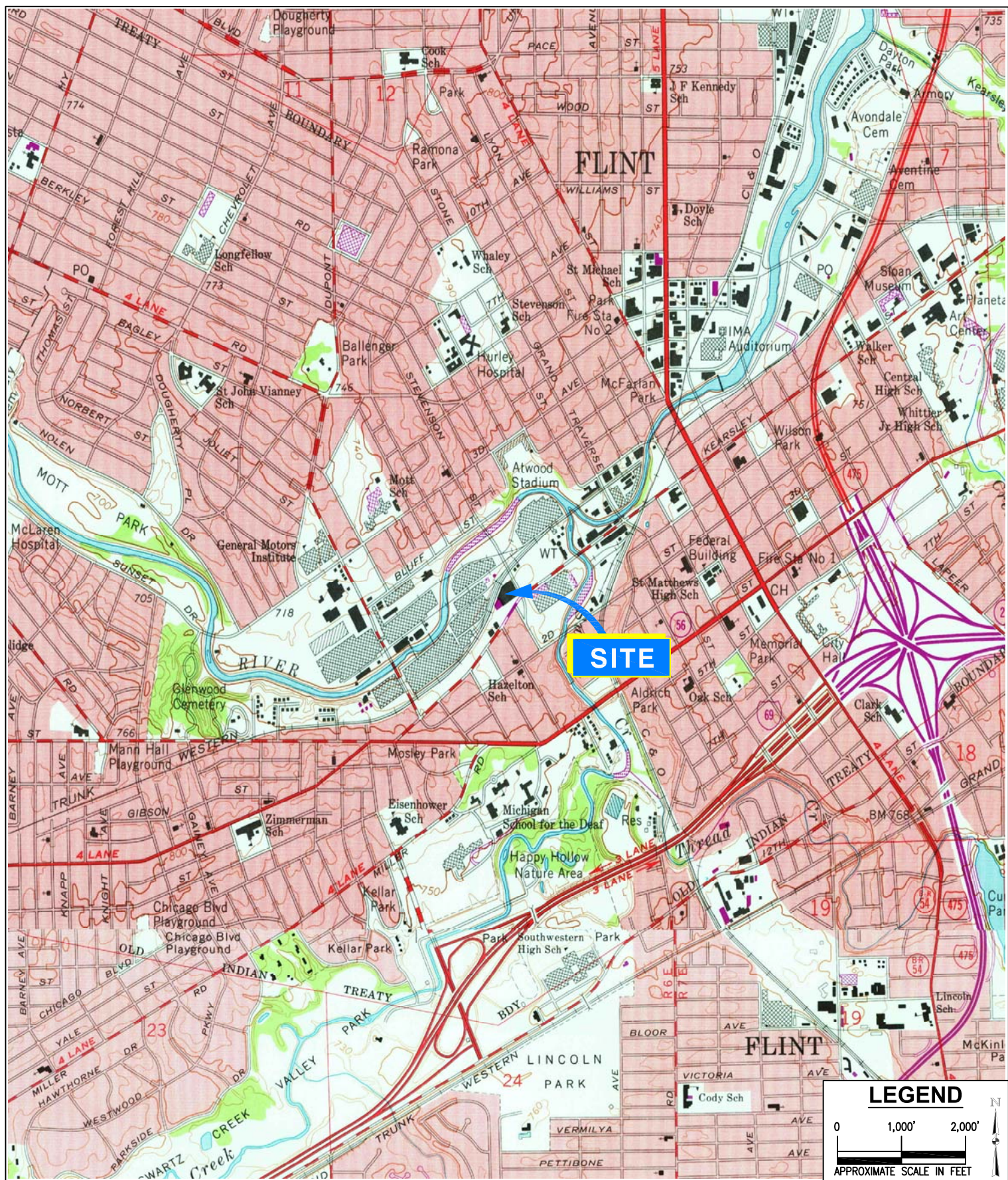
Date



Robert L. Houghton, Environmental Professional,
Æ Senior Technical Advisor,
Æ Quality Assurance Officer

June 24, 2026

Date



Applied EcoSystems, Inc.

Environmental Management, Consulting & Field Services
G-4300 South Saginaw Street, Burton, Michigan 48529
Phone: 810.715.2525; Fax: 810.715.2526

Site Location Map

RACER Flint West #12990

Glenwood Avenue & Stevenson Street
Flint, Michigan

SOURCE: USGS FLINT SOUTH QUADRANGLE
(PROVISIONAL EDITION 1975)

DRAWING DATE:

04/06/2020

CHECKED BY:

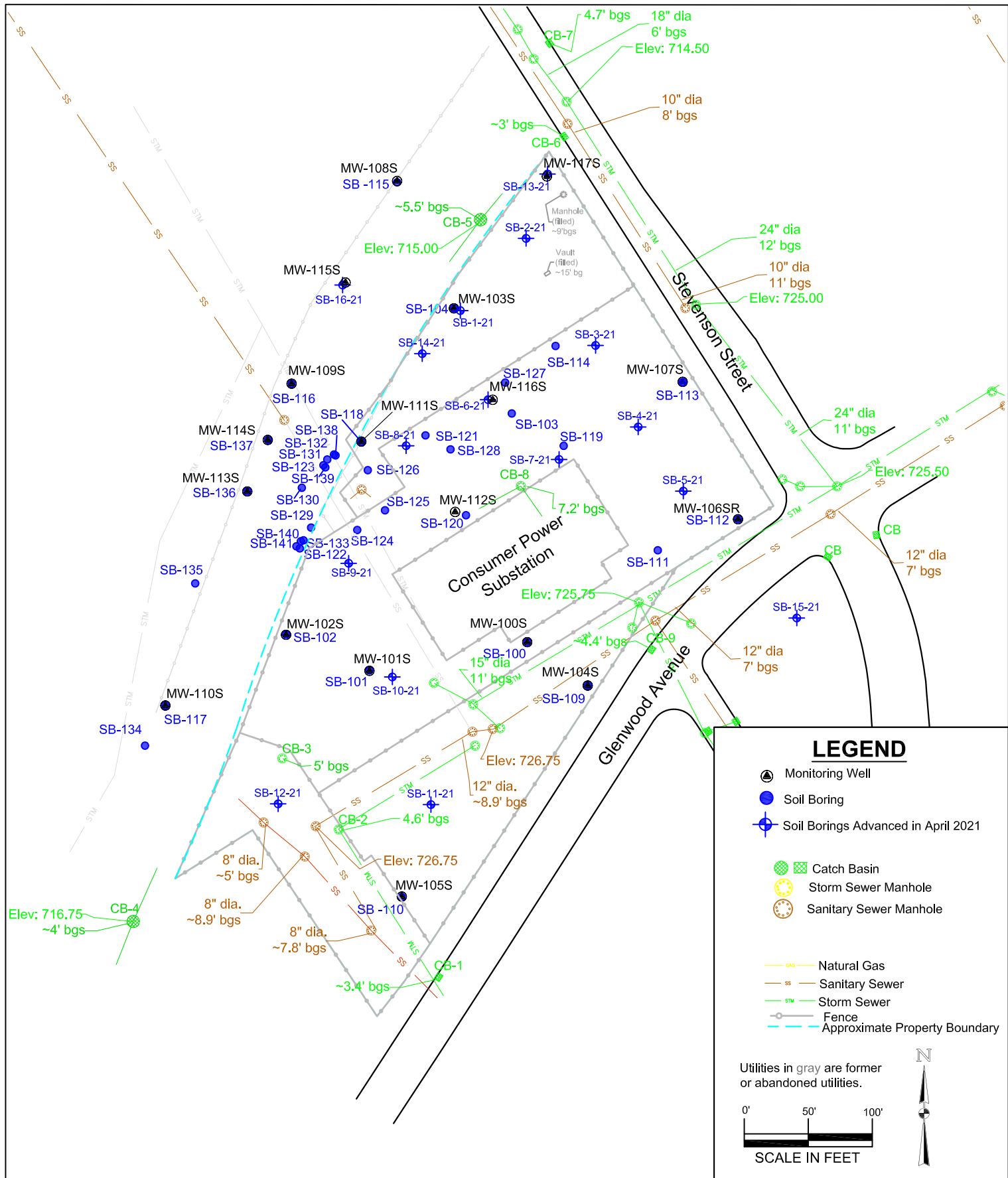
MDS

PROJECT:

11-4317-102

FIGURE:

1



Applied *Eco*Systems, Inc.

Environmental Management, Consulting & Field Services
G-4300 South Saginaw Street, Burton, Michigan 48529
Phone: 810.715.2525; Fax: 810.715.2526

Site Map

Racer Flint West -12990
Flint West Industrial Land, Flint, Michigan

DATE:

01/20/2022

CHECKED BY:

MDS

PROJECT:

11-4317-102

FIGURE:

2

Table 1
Sample Collection and Analysis Summary
March 2026 Biannual Groundwater Sampling Event

Lab Sample ID	Field Sample ID (Location)	Matrix	Collection		Analytical Parameters			
			Date (mm/dd/yyyy)	Time (hr:min)	VOCs	Total Metals	Dissolved Metals	PFAS
S85190.01	MW-112S-20260317	Groundwater	03/17/2026	11:20	X	X	X	X
S85190.02	TripBlank-20260317	water	03/17/2026	12:01	X			X
S85190.03	MW-107S-20260317	Groundwater	03/17/2026	12:34	X	X	X	X
S85190.04	MW-100S-20260317	Groundwater	03/17/2026	13:38	X	X	X	X
S85190.05	FB-1-20260317	water	03/17/2026	13:55	X	X	X	X
S85190.06	EB-1-20260317	water	03/17/2026	14:00	X	X	X	X
S85190.07	MW-104S-20260317	Groundwater	03/17/2026	14:55	X	X	X	X
S85245.01	MW-106SR-20260318	Groundwater	03/18/2026	09:50	X	X	X	X
S85245.02	MW-110S-20260318	Groundwater	03/18/2026	11:18	X	X	X	X
S85245.03	MW-114S-20260318	Groundwater	03/18/2026	12:50	X	X	X	X
S85245.04	MW-108S-20260318	Groundwater	03/18/2026	12:00	X	X	X	X
S85245.05	Dup-1-20260318	Groundwater	03/18/2026	00:01	X	X	X	X
S85245.06	MW-117S-20260318	Groundwater	03/18/2026	13:40	X	X	X	X
S85245.07	MW-103S-20260318	Groundwater	03/18/2026	14:26	X	X	X	X
S85245.08	MS (MW-103S-20260318)	Groundwater	03/18/2026	14:22	X	X	X	X
S85245.09	MSD (MW-103S-20260318)	Groundwater	03/18/2026	14:20	X	X	X	X
S85245.10	FB-2-20260318	water	03/18/2026	13:56	X	X	X	X
S85245.11	EB-2-20260318	water	03/18/2026	14:30	X	X	X	X
S85190.01	MW-112S-20260317	Groundwater	03/17/2026	11:20	X	X	X	X
S85190.02	TripBlank-20260317	water	03/17/2026	12:01	X	X	X	X

Table 2
Groundwater Analytical Results w Qualifiers
RACER - Flint West # 12990

Sample ID			MW-100S	MW-103S	MW-104S	MW-106SR	MW-107S	MW-108S	MW-110S	MW-112S	MW-114S	MW-117S	Dup-1	FB-1	FB-2	EB-1	EB-2	Trip Blank	MW-103S MS	MW-103S MSD	
Date Collected			03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/18/2026	03/17/2026	03/18/2026	03/18/2026	03/18/2026	03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/18/2026	
METALS ANALYTE (ug/L)	DW	GSI											MW-114S								
Arsenic, Dissolved	10	10		<2	<2	<2	<2	<2	<2	<2	6	2	<2	1.886 b	<2	<2	<2	<2	NA	249	260
Arsenic	10	10		<2	5	<2	25	<2	<2	<2	5.2	9	<2	8	<2	<2	<2	<2	NA	251	269
Chromium VI, Dissolved	100	11		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	237	246
Chromium VI	100	11		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	245	250
Chromium, Dissolved	100	160	G	<5	<5	<5	1.154 b	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	237	246
Chromium	100	160	G	8	<5	95	140,000	<5	<5	9	2.745 b	1.617 b	1160	1.563 b	<5	<5	<5	<5	NA	245	250
Copper, Dissolved	1000	20	G	<5	<5	1.426 b	<5	<5	<5	1.43 b	<5	1.385 b	<5	<5	<5	<5	<5	<5	NA	224	231
Copper	1000	20	G	1.651 b	<5	2.254 b	1,110	<5	0.801 b	2.42 b	<5	3.021 b	47	2.694 b	<5	<5	<5	<5	NA	232	244
Lead, Dissolved	4	44	G	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	NA	238	244
Lead	4	44	G	<3	<3	<3	18	<3	<3	<3	<3	1.877 b	<3	1.704 b	<3	<3	<3	<3	NA	237	250
Selenium, Dissolved	50	5		<5	<5	<5	<5	<5	<5	<5	<5	5	<5	4.921 b	<5	<5	<5	<5	NA	245	248
Selenium	50	5		<5	<5	<5	9	<5	6	<5	<5	6	<5	6	<5	<5	<5	<5	NA	235	248
Zinc, Dissolved	2400	260	G	<5	<5	<5	<5	<5	<5	12	<5	33	<5	30	<5	<5	<5	<5	NA	233	243
Zinc	2400	260	G	<5	<5	<5	218	<5	3.328 b	15	<5	54	<5	49	<5	<5	<5	<5	NA	239	249
VOC ANALYTE (ug/L)	DW	GSI																			
Acetone	730	1700		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	49.1 J	48.7 J
Acrylonitrile	2.6	2.0 (M); 1.2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	49	50
2-Butanone (MEK)	13000	2,200		<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	46	47
Benzene	5	200		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	52
n-Butylbenzene	NC	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	57	54
Bromobenzene	18	NA		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	54	52
Bromochloromethane	NC	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	52	52
Bromodichloromethane	80	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	54	53
Bromoform	80 (A,W)	ID		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	52	53
Bromomethane	10	4.2; [5(M)]		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	53	56
sec-Butylbenzene	230	ID		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	55	53
tert-Butylbenzene	80	ID		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	52	50
Carbon disulfide	800	NC		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	55	53
Carbon tetrachloride	5	38	X	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	55	54
Chlorobenzene	100	25		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	54	54
Chloroethane	430	1,100		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	50	50
Chloroform	80	350		<1	<1	<1	<1	<1	0.71 J	<1	<1	<1	0.18 J	<1	0.93 J	1	0.85 J	1	<1	52	51
Chloromethane	260	NC		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	53	51
1,1-Dichloroethane	880	740		<1	<1	<1	<1	<1	<1	0.35 J	0.16 J	<1	0.22 J	<1	<1	<1	<1	<1	<1	53	51
1,1-Dichloroethene	7	130		<1	<1	<1	<1	<1	<1	<1	0.32 J	<1	<1	<1	<1	<1	<1	<1	<1	52	50
1,2-Dibromo-3-chloropropane	NC	NC		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	56	56
1,2-Dibromoethane	NC	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	54	54
1,2-Dichlorobenzene	600	13		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	55	53
1,2-Dichloroethane	5.0 (A)	360 (X)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	50	50
1,2-Dichloropropane	5.0 (A)	230 (X)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	52
1,3-Dichlorobenzene	6.6	28		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	54	53
1,4-Dichlorobenzene	75	17		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	55	53
VOC ANALYTE (ug/L)	DW	GSI																			
cis-1,2-Dichloroethene	70	620		0.27 J	<1	<1	<1	0.24 J	<1	<1	0.81 J	7	<1	8	<1	<1	<1	<1	<1	53	52
cis-1,3-Dichloropropene	NC	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	54	54
Dibromochloromethane	80 (A,W)	ID		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	55	54
Dibromomethane	230	NA		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	54	54
Dichlorodifluoromethane	1700	ID		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	56	54
Diethyl ether	10 (E)	ID		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	51	50
trans-1,2-Dichloroethene	100	1500		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	52

Table 2
Groundwater Analytical Results w Qualifiers
RACER - Flint West # 12990

Sample ID				MW-100S	MW-103S	MW-104S	MW-106SR	MW-107S	MW-108S	MW-110S	MW-112S	MW-114S	MW-117S	Dup-1	FB-1	FB-2	EB-1	EB-2	Trip Blank	MW-103S MS	MW-103S MSD
Date Collected				03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/18/2026	03/17/2026	03/18/2026	03/18/2026	03/18/2026	03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/18/2026
trans-1,3-Dichloropropene	NC	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	54	54
trans-1,4-Dichloro-2-butene	NC	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	37	39
Ethylbenzene	74	18		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	52
2-Hexanone	1000	ID		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	51	52
Hexachloroethane	21	6.7		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	59	55
p-Isopropyltoluene	NC	NC		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	55	52
Isopropylbenzene	800	28		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	53	52
2-Methylnaphthalene	260	19		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	59	58
4-Methyl-2-pentanone (MIBK)	1800	ID		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	50	51
tert-Methyl butyl ether (MTBE)	40 (E)	7,100 (X)		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	50	50
Methyl iodide	NC	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	65	66
Methylene chloride	5	1500		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	51	50
Naphthalene	520	11		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60	58
n-Propylbenzene	80	ID		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	52
Styrene	100	80		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	52	51
1,1,1,2-Tetrachloroethane	77	ID		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	54	53
1,1,1-Trichloroethane	200	89		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	51
1,1,2,2-Tetrachloroethane	8.5	78 (X)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	53
1,1,2-Trichloroethane	5.0 (A)	330 (X)		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	52
1,2,3-Trichlorobenzene	NC	NC		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	63	59
1,2,3-Trichloropropane	42	NA		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	51	50
1,2,3-Trimethylbenzene	NC	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	51
1,2,4-Trichlorobenzene	NC	NC		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	62	58
1,2,4-Trimethylbenzene	63 (E)	17		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	52	51
1,3,5-Trimethylbenzene	72 (E)	45		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	50
Tetrachloroethene	5	60		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	54	53
Tetrahydrofuran	95	11000		<90	<90	<90	<90	<90	<90	<90	<90	<90	<90	<90	<90	<90	<90	<90	<90	49.5 J	50.1 J
Toluene	790	270		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	52
Trichloroethene	5	200		2	<1	<1	<1	0.2 J	0.15 J	<1	1	31	0.2 J	35	<1	<1	<1	<1	<1	54	52
Trichlorofluoromethane	2600	NA		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	51
Vinyl chloride	2	13		<1	<1	<1	<1	<1	<1	<1	2	0.31 J	<1	0.39 J	<1	<1	<1	<1	<1	52	50
o-Xylene	NC	NC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	51	50
p,m-Xylene	NC	NC		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	106	103
Xylenes, Total	280	49		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	157	153
PFA ANALYTE (ng/L)	DW	GSI												MW-114S							
PFBA	NC	NC		4 J	<19 X	3.6 J	9.6 J	<10	<10	5 J	<10	<11	12	<11	<10	<8.8	<11	<11	<10	110	120
PFPeA	NC	NC		<4.4	<4.2	<4.3	4.5	<4.2	<4.1	0.81 J	<4.2	<4.5	3.4 J	<4.3	<4.0	<3.5	<4.2	<4.2	<4.1	99	99
4:2 FTS	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	96	110
PFHxA	400,000	NC		<2.2	<2.1	<2.1	3.8	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	3.6 1	7.7 1	<2.1	<2.1	<2.0	98	98
PFBS	420	NC		2.5	1.8 J	2.5	5.7	1.9 J	0.93 J	2 J	2.1	1.1 J	1.5 J	1 J	<2.0	<1.8	<2.1	<2.1	<2.0	110	100
PFHpA	NC	NC		<2.2	<2.1	<2.1	2.9	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	19 1	49 1	<2.1	<2.1	<2.0	100	98
PFPeS	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	110	110
6:2 FTS	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	90	96
PFOA	4	12,000		<2.2	0.8 J	<2.1	14	<2.1	<2.1	<2.1	1.2 J	<2.3	1.4 J	<2.1	1.9 J1	1.4 J1	<2.1	<2.1	<2.0	82	88
PFHxS	10	NC		<2.2	2.7	1.9 J	2 J	<2.1	<2.1	<2.1	<2.1	<2.3	0.99 J	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	100	110
PFHxS-LN	NC	NC		<2.2	2.7	1.1 J	1.2 J	<2.1	<2.1	<2.1	<2.1	<2.3	0.99 J	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	88	89
PFHxS-BR	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	15	15
PFNA	6	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	86	98
8:2 FTS	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	91	110
PFHpS	NC	NC		<2.2	<2.1	<2.1	1.3 J	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	120	120
PFDA	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	98	96
N-MeFOSAA	NC	NC		<2.2	<2.1	<2.1	<2.0 J	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	110	100

Table 2
Groundwater Analytical Results w Qualifiers
RACER - Flint West # 12990

Sample ID				MW-100S	MW-103S	MW-104S	MW-106SR	MW-107S	MW-108S	MW-110S	MW-112S	MW-114S	MW-117S	Dup-1	FB-1	FB-2	EB-1	EB-2	Trip Blank	MW-103S MS	MW-103S MSD
Date Collected				03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/18/2026	03/17/2026	03/18/2026	03/18/2026	03/18/2026	03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/17/2026	03/18/2026	03/18/2026
EtFOSAA	NC	NC		<4.4	<4.2	<4.3	<4.1	<4.2	<4.1	<4.1	<4.2	<4.5	<4.2	<4.3	<4.0	<3.5	<4.2	<4.2	<4.1	94	97
PFOS	4	12		6.8	21	<2.1	20	7.8	2.4	<2.1	11	2.7	2.5	2 J	17	<1.8	<2.1	<2.1	<2.0	130	130
PFOS-LN	NC	NC		4.8	11	<2.1	5.2	3.5	<2.1	<2.1	5.2	<2.3	<2.1	<2.1	13	<1.8	<2.1	<2.1	<2.0	81	84
PFOS-BR	NC	NC		<2.2	8.9	<2.1	13	3.2	1.6 J	<2.1	4.9	<2.3	<2.1	<2.1	3	<1.8	<2.1	<2.1	<2.0	44	41
PFUnDA	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	100	96
PFNS	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	110	110
PFDODA	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	97	97
PFDS	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	100	99
PFTTrDA	NC	NC		<2.2	<2.1	<2.1	<2.0 I	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	100	100
FOSA	NC	NC		<2.2	<2.1	<2.1	<2.0 I	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	110	110
PFTeDA	NC	NC		<4.4	<4.2	<4.3	<4.1 I	<4.2	<4.1	<4.1	<4.2	<4.5	<4.2	<4.3	<4.0	<3.5	<4.2	<4.2	<4.1	110	100
11CI-PF3OUdS	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	110	100
9CI-PF3ONS	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	100	95
ADONA	NC	NC		<2.2	<2.1	<2.1	<2.0	<2.1	<2.1	<2.1	<2.1	<2.3	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.0	94	90
HFPO-DA	NC	NC		<11	<11	<11	<10	<10	<10	<10	<10	<11	<11	<11	<10	<8.8	<11	<11	<10	110	110

Table 3
Analytical Methods and Holding Time Criteria
March 2026 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

Parameter	Analytical Method	Matrix	Sample ID	Holding Time (days)				Approved Holding Time
				Collection	Extraction	Latest Analytical	Actual Holding	
				Date/Time	Date/Time	Date/Time	Time (days)	
Chromium VI, Dissolved	SM3500-Cr	Groundwater	MW-112S-20260317	03/17/2026 11:20		03/17/2026 16:45	0.23	24 Hours (1 Day)
		Groundwater	MW-107S-20260317	03/17/2026 12:34		03/17/2026 16:50	0.18	
		Groundwater	MW-100S-20260317	03/17/2026 13:38		03/17/2026 17:00	0.14	
		water	FB-1-20260317	03/17/2026 13:55		03/17/2026 17:05	0.13	
		water	EB-1-20260317	03/17/2026 14:00		03/17/2026 17:10	0.13	
		Groundwater	MW-104S-20260317	03/17/2026 14:55		03/17/2026 17:15	0.10	
		Groundwater	MW-106SR-20260318	03/18/2026 09:50		03/18/2026 16:30	0.28	
		Groundwater	MW-110S-20260318	03/18/2026 11:18		03/18/2026 16:40	0.22	
		Groundwater	MW-114S-20260318	03/18/2026 12:50		03/18/2026 16:50	0.17	
		Groundwater	MW-108S-20260318	03/18/2026 12:00		03/18/2026 16:55	0.20	
		Groundwater	Dup-1-20260318	03/18/2026 00:01		03/18/2026 17:00	0.71	
		Groundwater	MW-117S-20260318	03/18/2026 13:40		03/18/2026 17:05	0.14	
		Groundwater	MW-103S-20260318	03/18/2026 14:26		03/18/2026 17:10	0.11	
		Groundwater	MS (MW-103S-20260318)	03/18/2026 14:22		03/18/2026 17:15	0.12	
		Groundwater	MSD (MW-103S-20260318)	03/18/2026 14:20		03/18/2026 17:20	0.13	
		water	FB-2-20260318	03/18/2026 13:56		03/18/2026 17:25	0.15	
		water	EB-2-20260318	03/18/2026 14:30		03/18/2026 17:30	0.13	

Table 3
Analytical Methods and Holding Time Criteria
March 2026 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

Parameter	Analytical Method	Matrix	Sample ID	Holding Time (days)				Approved Holding Time
				Collection	Extraction	Latest Analytical	Actual Holding	
				Date/Time	Date/Time	Date/Time	Time (days)	
Chromium VI, Total	SM3500-Cr	Groundwater	MW-112S-20260317	03/17/2026 11:20		03/17/2026 16:45	0.23	24 Hours (1 Day)
		Groundwater	MW-107S-20260317	03/17/2026 12:34		03/17/2026 17:20	0.20	
		Groundwater	MW-100S-20260317	03/17/2026 13:38		03/17/2026 17:25	0.16	
		water	FB-1-20260317	03/17/2026 13:55		03/17/2026 17:30	0.15	
		water	EB-1-20260317	03/17/2026 14:00		03/17/2026 17:35	0.15	
		Groundwater	MW-104S-20260317	03/17/2026 14:55		03/17/2026 17:40	0.11	
		Groundwater	MW-106SR-20260318	03/18/2026 09:50		03/18/2026 16:30	0.28	
		Groundwater	MW-110S-20260318	03/18/2026 11:18		03/18/2026 17:40	0.27	
		Groundwater	MW-114S-20260318	03/18/2026 12:50		03/18/2026 17:45	0.20	
		Groundwater	MW-108S-20260318	03/18/2026 12:00		03/18/2026 17:50	0.24	
		Groundwater	Dup-1-20260318	03/18/2026 00:01		03/18/2026 17:55	0.75	
		Groundwater	MW-117S-20260318	03/18/2026 13:40		03/18/2026 18:00	0.18	
		Groundwater	MW-103S-20260318	03/18/2026 14:26		03/18/2026 18:05	0.15	
		Groundwater	MS (MW-103S-20260318)	03/18/2026 14:22		03/18/2026 18:10	0.16	
		Groundwater	MSD (MW-103S-20260318)	03/18/2026 14:20		03/18/2026 18:15	0.16	
		water	FB-2-20260318	03/18/2026 13:56		03/18/2026 18:20	0.18	
		water	EB-2-20260318	03/18/2026 14:30		03/18/2026 18:25	0.16	

Table 3
Analytical Methods and Holding Time Criteria
March 2026 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

Parameter	Analytical Method	Matrix	Sample ID	Holding Time (days)				Approved Holding Time
				Collection	Extraction	Latest Analytical	Actual Holding	
				Date/Time	Date/Time	Date/Time	Time (days)	
Metals, Total	E200.8	Groundwater	MW-112S-20260317	03/17/2026 11:20	3/23/2026 13:00	03/23/2026 14:31	6.13	180 Days
		Groundwater	MW-107S-20260317	03/17/2026 12:34	3/23/2026 13:00	03/23/2026 14:34	6.08	
		Groundwater	MW-100S-20260317	03/17/2026 13:38	3/23/2026 13:00	03/23/2026 14:37	6.04	
		water	FB-1-20260317	03/17/2026 13:55	3/23/2026 13:00	03/23/2026 14:40	6.03	
		water	EB-1-20260317	03/17/2026 14:00	3/23/2026 13:00	03/23/2026 14:43	6.03	
		Groundwater	MW-104S-20260317	03/17/2026 14:55	3/23/2026 13:00	03/23/2026 14:57	6.00	
		Groundwater	MW-106SR-20260318	03/18/2026 09:50	3/23/2026 13:00	03/23/2026 15:08	5.22	
		Groundwater	MW-110S-20260318	03/18/2026 11:18	3/23/2026 13:00	03/23/2026 15:00	5.15	
		Groundwater	MW-114S-20260318	03/18/2026 12:50	3/23/2026 13:00	03/23/2026 15:03	5.09	
		Groundwater	MW-108S-20260318	03/18/2026 12:00	3/23/2026 13:00	03/23/2026 15:05	5.13	
		Groundwater	Dup-1-20260318	03/18/2026 00:01	3/23/2026 13:00	03/23/2026 15:33	5.65	
		Groundwater	MW-117S-20260318	03/18/2026 13:40	3/23/2026 13:00	03/23/2026 15:36	5.08	
		Groundwater	MW-103S-20260318	03/18/2026 14:26	3/23/2026 13:00	03/23/2026 15:39	5.05	
		Groundwater	MS (MW-103S-20260318)	03/18/2026 14:22	3/23/2026 13:00	03/23/2026 15:47	5.06	
		Groundwater	MSD (MW-103S-20260318)	03/18/2026 14:20	3/23/2026 13:00	03/23/2026 15:48	5.06	
		water	FB-2-20260318	03/18/2026 13:56	3/23/2026 13:00	03/23/2026 15:42	5.07	
		water	EB-2-20260318	03/18/2026 14:30	3/23/2026 13:00	03/23/2026 15:44	5.05	

Table 3
Analytical Methods and Holding Time Criteria
March 2026 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

Parameter	Analytical Method	Matrix	Sample ID	Holding Time (days)				Approved Holding Time
				Collection	Extraction	Latest Analytical	Actual Holding	
				Date/Time	Date/Time	Date/Time	Time (days)	
Metals, Dissolved (As, Cr, Cu, Pb, Se, Zn)	E200.8	Groundwater	MW-112S-20260317	03/17/2026 11:20	3/23/2026 13:00	03/23/2026 14:32	6.13	180 Days
		Groundwater	MW-107S-20260317	03/17/2026 12:34	3/23/2026 13:00	03/23/2026 14:35	6.08	
		Groundwater	MW-100S-20260317	03/17/2026 13:38	3/23/2026 13:00	03/23/2026 14:39	6.04	
		water	FB-1-20260317	03/17/2026 13:55	3/23/2026 13:00	03/23/2026 14:42	6.03	
		water	EB-1-20260317	03/17/2026 14:00	3/23/2026 13:00	03/23/2026 14:45	6.03	
		Groundwater	MW-104S-20260317	03/17/2026 14:55	3/23/2026 13:00	03/23/2026 14:59	6.00	
		Groundwater	MW-106SR-20260318	03/18/2026 09:50	3/23/2026 13:00	03/23/2026 15:10	5.22	
		Groundwater	MW-110S-20260318	03/18/2026 11:18	3/23/2026 13:00	03/23/2026 15:01	5.15	
		Groundwater	MW-114S-20260318	03/18/2026 12:50	3/23/2026 13:00	03/23/2026 15:04	5.09	
		Groundwater	MW-108S-20260318	03/18/2026 12:00	3/23/2026 13:00	03/23/2026 15:07	5.13	
		Groundwater	Dup-1-20260318	03/18/2026 00:01	3/23/2026 13:00	03/23/2026 15:38	5.65	
		Groundwater	MW-117S-20260318	03/18/2026 13:40	3/23/2026 13:00	03/23/2026 15:38	5.08	
		Groundwater	MW-103S-20260318	03/18/2026 14:26	3/23/2026 13:00	03/23/2026 15:41	5.05	
		Groundwater	MS (MW-103S-20260318)	03/18/2026 14:22	3/23/2026 13:00	03/23/2026 15:51	5.06	
		Groundwater	MSD (MW-103S-20260318)	03/18/2026 14:20	3/23/2026 13:00	03/23/2026 15:52	5.06	
		water	FB-2-20260318	03/18/2026 13:56	3/23/2026 13:00	03/23/2026 15:43	5.07	
		water	EB-2-20260318	03/18/2026 14:30	3/23/2026 13:00	03/23/2026 15:45	5.05	

Table 3
Analytical Methods and Holding Time Criteria
March 2026 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

Parameter	Analytical Method	Matrix	Sample ID	Holding Time (days)				Approved Holding Time
				Collection	Extraction	Latest Analytical	Actual Holding	
				Date/Time	Date/Time	Date/Time	Time (days)	
VOCs	SW5030C /8260C	Groundwater	MW-112S-20260317	03/17/2026 11:20		03/18/2026 16:47	1.23	14 Days
		water	TripBlank-20260317	03/17/2026 12:01		03/18/2026 16:24	1.18	
		Groundwater	MW-107S-20260317	03/17/2026 12:34		03/18/2026 16:59	1.18	
		Groundwater	MW-100S-20260317	03/17/2026 13:38		03/18/2026 17:23	1.16	
		water	FB-1-20260317	03/17/2026 13:55		03/18/2026 16:12	1.10	
		water	EB-1-20260317	03/17/2026 14:00		03/18/2026 16:36	1.11	
		Groundwater	MW-104S-20260317	03/17/2026 14:55		03/18/2026 17:46	1.12	
		Groundwater	MW-106SR-20260318	03/18/2026 09:50		03/20/2026 02:45	1.70	
		Groundwater	MW-110S-20260318	03/18/2026 11:18		03/20/2026 03:08	1.66	
		Groundwater	MW-114S-20260318	03/18/2026 12:50		03/20/2026 03:32	1.61	
		Groundwater	MW-108S-20260318	03/18/2026 12:00		03/20/2026 03:55	1.66	
		Groundwater	Dup-1-20260318	03/18/2026 00:01		03/20/2026 04:19	2.18	
		Groundwater	MW-117S-20260318	03/18/2026 13:40		03/20/2026 04:43	1.63	
		Groundwater	MW-103S-20260318	03/18/2026 14:26		03/20/2026 05:06	1.61	
		Groundwater	MS (MW-103S-20260318)	03/18/2026 14:22		03/19/2026 23:59	1.40	
		Groundwater	MSD (MW-103S-20260318)	03/18/2026 14:20		03/20/2026 00:23	1.42	
		water	FB-2-20260318	03/18/2026 13:56		03/20/2026 01:57	1.50	
		water	EB-2-20260318	03/18/2026 14:30		03/20/2026 02:21	1.49	

Table 3
Analytical Methods and Holding Time Criteria
March 2026 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

Parameter	Analytical Method	Matrix	Sample ID	Holding Time (days)				Approved Holding Time
				Collection	Extraction	Latest Analytical	Actual Holding	
				Date/Time	Date/Time	Date/Time	Time (days)	
PFAS	ASTM D7979-19M	Groundwater	MW-112S-20260317	03/17/2026 11:20	3/20/2026 11:00	03/20/2026 12:44	3.06	14 Days to Extract
		water	TripBlank-20260317	03/17/2026 12:01	3/20/2026 11:00	03/20/2026 13:04	3.04	
		Groundwater	MW-107S-20260317	03/17/2026 12:34	3/20/2026 11:00	03/20/2026 13:25	3.04	
		Groundwater	MW-100S-20260317	03/17/2026 13:38	3/20/2026 11:00	03/20/2026 13:45	3.00	
		water	FB-1-20260317	03/17/2026 13:55	3/20/2026 11:00	03/18/2026 15:56	1.08	
		water	EB-1-20260317	03/17/2026 14:00	3/20/2026 11:00	03/20/2026 14:05	3.00	
		Groundwater	MW-104S-20260317	03/17/2026 14:55	3/20/2026 11:00	03/20/2026 14:25	2.98	
		Groundwater	MW-106SR-20260318	03/18/2026 09:50	3/20/2026 11:00	03/20/2026 16:05	2.26	
		Groundwater	MW-110S-20260318	03/18/2026 11:18	3/20/2026 11:00	03/20/2026 13:44	2.10	
		Groundwater	MW-114S-20260318	03/18/2026 12:50	3/20/2026 11:00	03/20/2026 16:25	2.15	
		Groundwater	MW-108S-20260318	03/18/2026 12:00	3/20/2026 11:00	03/20/2026 16:45	2.20	28 to Analyze
		Groundwater	Dup-1-20260318	03/18/2026 00:01	3/20/2026 11:00	03/20/2026 17:05	2.71	
		Groundwater	MW-117S-20260318	03/18/2026 13:40	3/20/2026 11:00	03/20/2026 17:25	2.16	
		Groundwater	MW-103S-20260318	03/18/2026 14:26	3/20/2026 11:00	03/20/2026 17:45	2.14	
		Groundwater	MS (MW-103S-20260318)	03/18/2026 14:22	3/20/2026 11:00	03/20/2026 18:05	2.15	
		Groundwater	MSD (MW-103S-20260318)	03/18/2026 14:20	3/20/2026 11:00	03/20/2026 18:25	2.17	
		water	FB-2-20260318	03/18/2026 13:56	3/20/2026 11:00	03/30/2026 19:22	12.23	
		water	EB-2-20260318	03/18/2026 14:30	3/20/2026 11:00	03/20/2026 18:45	2.18	

Table 4
Qualified Sample Results Due to Outlying MS/MSD and LCS/LCSD Results
March 2026 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

Analyte	MS or LCS % Recovery	MSD or LCSD Replicate % Recovery	RPD (percent)	Control Limits		Associated Samples	Qualified Result(s)
				% Recovery	RPD		
Report QC-S85190-01, Batch 260318A7, Lab Sample ID 260318A7.LCSDW18A(LCSD)							
1,1,1-Trichloroethane	78.1	130.9	2.4	79.4-130.9	30.0	None	None
Report QC-S85192-01, Batch AK260318W1, Lab Sample ID AK260318W1.LCSD 260318							
FPePA (5:3 FTCA)	69.8	130.0	26.2	70-130	30.0	None	None
8:2 FTSA	131.4	130.0	8.4	70-130	30.0	None	None
Report QC-S85245-01, Batch CHR260318-W1							
Chromium VI	76	120	<1	80-120	15	None	None
Methyl iodide	131.7	116.4	2.1	68,8-116,4	2,1	None	None
Report QC-S85246-01, Batch SE260320, Lab Sample ID AK260320RUSH.LCSD 260320							
FHpPA (7:3 FTCA)	69.4	130.0	8.3	70-130	30.0	None	None

Table 5
Field Sample Duplicate Results and Relative Percent Differences (RPD)
September 2025 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

Analyte (in µg/L)	MW-114S (Groundwater)		
	03/18/26 12:50	Dup-1	RPD (%)
Arsenic, Dissolved	2	1.886	5.87
Arsenic	9	8	11.76
Chromium VI, Dissolved	<10	<10	--
Chromium VI	<10	<10	--
Chromium, Dissolved	<5	<5	--
Chromium	1.617	1.563	3.40
Copper, Dissolved	1.385	<5	--
Copper	3.021	2.694	11.44
Lead, Dissolved	<3	<3	--
Lead	1.877	1.704	9.66
Selenium, Dissolved	5	4.921	1.59
Selenium	6	6	0.00
Zinc, Dissolved	33	30	9.52
Zinc	54	49	9.71
Acetone	<50	<50	--
Acrylonitrile	<2	<2	--
2-Butanone (MEK)	<25	<25	--
Benzene	<1	<1	--
n-Butylbenzene	<1	<1	--
Bromobenzene	<1	<1	--
Bromochloromethane	<1	<1	--
Bromodichloromethane	<1	<1	--
Bromoform	<1	<1	--
Bromomethane	<5	<5	--
sec-Butylbenzene	<1	<1	--
tert-Butylbenzene	<1	<1	--
Carbon disulfide	<5	<5	--
Carbon tetrachloride	<1	<1	--
Chlorobenzene	<1	<1	--
Chloroethane	<5	<5	--
Chloroform	<1	<1	--
Chloromethane	<5	<5	--
1,1-Dichloroethane	0.16	0.22	31.58
1,1-Dichloroethene	<1	<1	--
1,2-Dibromo-3-chloropropane	<5	<5	--
1,2-Dibromoethane	<1	<1	--
1,2-Dichlorobenzene	<1	<1	--
1,2-Dichloroethane	<1	<1	--
1,2-Dichloropropane	<1	<1	--
1,3-Dichlorobenzene	<1	<1	--
1,4-Dichlorobenzene	<1	<1	--

Table 5
Field Sample Duplicate Results and Relative Percent Differences (RPD)
September 2025 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

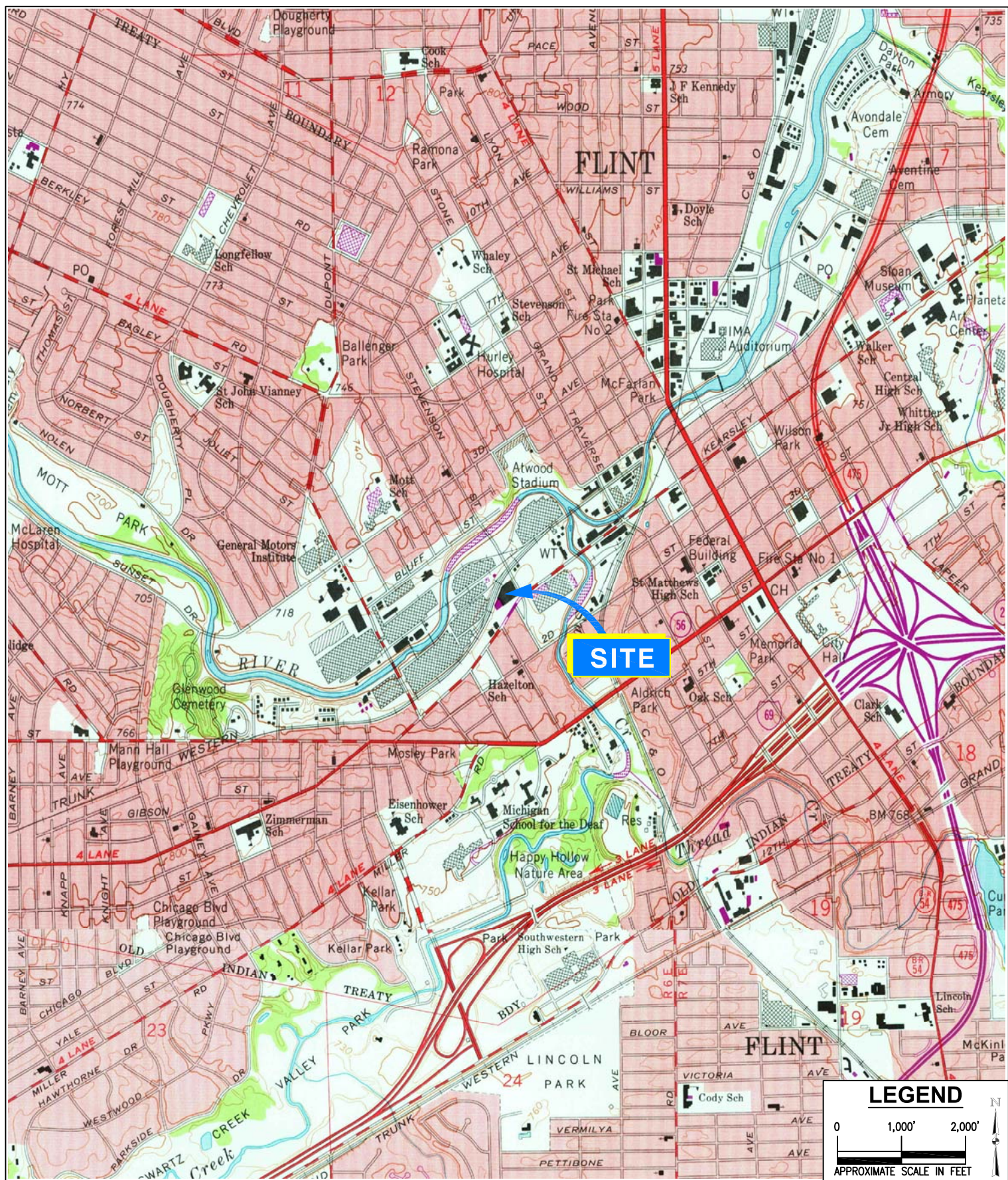
Analyte (in µg/L)	MW-114S (Groundwater)		
	03/18/26 12:50	Dup-1	RPD (%)
cis-1,2-Dichloroethene	7	8	13.33
cis-1,3-Dichloropropene	<1	<1	--
Dibromochloromethane	<5	<5	--
Dibromomethane	<5	<5	--
Dichlorodifluoromethane	<5	<5	--
Diethyl ether	<10	<10	--
trans-1,2-Dichloroethene	<1	<1	--
trans-1,3-Dichloropropene	<1	<1	--
trans-1,4-Dichloro-2-butene	<1	<1	--
Ethylbenzene	<1	<1	--
2-Hexanone	<50	<50	--
Hexachloroethane	<5	<5	--
p-Isopropyltoluene	<5	<5	--
Isopropylbenzene	<5	<5	--
2-Methylnaphthalene	<5	<5	--
4-Methyl-2-pentanone (MIBK)	<50	<50	--
tert-Methyl butyl ether (MTBE)	<5	<5	--
Methyl iodide	<1	<1	--
Methylene chloride	<5	<5	--
Naphthalene	<5	<5	--
n-Propylbenzene	<1	<1	--
Styrene	<1	<1	--
1,1,1,2-Tetrachloroethane	<1	<1	--
1,1,1-Trichloroethane	<1	<1	--
1,1,2,2-Tetrachloroethane	<1	<1	--
1,1,2-Trichloroethane	<1	<1	--
1,2,3-Trichlorobenzene	<5	<5	--
1,2,3-Trichloropropane	<1	<1	--
1,2,3-Trimethylbenzene	<1	<1	--
1,2,4-Trichlorobenzene	<5	<5	--
1,2,4-Trimethylbenzene	<1	<1	--
1,3,5-Trimethylbenzene	<1	<1	--
Tetrachloroethene	<1	<1	--
Tetrahydrofuran	<90	<90	--
Toluene	<1	<1	--
Trichloroethene	31	35	12.12
Trichlorofluoromethane	<1	<1	--
Vinyl chloride	0.31	0.39	22.86
o-Xylene	<1	<1	--
p,m-Xylene	<2	<2	--
Xylenes, Total	<3	<3	--

Table 5
Field Sample Duplicate Results and Relative Percent Differences (RPD)
September 2025 Biannual Groundwater Sampling Event
RACER Flint West #12990, Flint, Michigan

Analyte	MW-114S (Groundwater)		
	03/18/26 12:50	Dup-1	RPD (%)
PFBA	<11	<11	--
PFPeA	<4.5	<4.3	--
4:2 FTS	<2.3	<2.1	--
PFHxA	<2.3	<2.1	--
PFBS	1.1	1	9.52
PFHpA	<2.3	<2.1	--
PFPeS	<2.3	<2.1	--
6:2 FTS	<2.3	<2.1	--
PFOA	<2.3	<2.1	--
PFHxS	<2.3	<2.1	--
PFHxS-LN	<2.3	<2.1	--
PFHxS-BR	<2.3	<2.1	--
PFNA	<2.3	<2.1	--
8:2 FTS	<2.3	<2.1	--
PFHpS	<2.3	<2.1	--
PFDA	<2.3	<2.1	--
N-MeFOSAA	<2.3	<2.1	--
EtFOSAA	<4.5	<4.3	--
PFOS	2.7	2	29.79
PFOS-LN	<2.3	<2.1	--
PFOS-BR	<2.3	<2.1	--
PFUnDA	<2.3	<2.1	--
PFNS	<2.3	<2.1	--
PFDoDA	<2.3	<2.1	--
PFDS	<2.3	<2.1	--
PFTTrDA	<2.3	<2.1	--
FOSA	<2.3	<2.1	--
PFTeDA	<4.5	<4.3	--
11Cl-PF3OUdS	<2.3	<2.1	--
9Cl-PF3ONS	<2.3	<2.1	--
ADONA	<2.3	<2.1	--
HFPO-DA	<11	<11	--

(*) Indicates the RPD was calculated assuming one of the concentrations was half the Reporting Limit, which may have biased the RPD.

NOTE: Since this validation report is included as an Appendix to the Data Report, Copies of the laboratory reports are included in the Data Report as Appendix B, Attachment 3 and are not duplicated here.



Applied EcoSystems, Inc.

Environmental Management, Consulting & Field Services
G-4300 South Saginaw Street, Burton, Michigan 48529
Phone: 810.715.2525; Fax: 810.715.2526

Site Location Map

RACER Flint West #12990

Glenwood Avenue & Stevenson Street
Flint, Michigan

SOURCE: USGS FLINT SOUTH QUADRANGLE
(PROVISIONAL EDITION 1975)

DRAWING DATE:

04/06/2020

CHECKED BY:

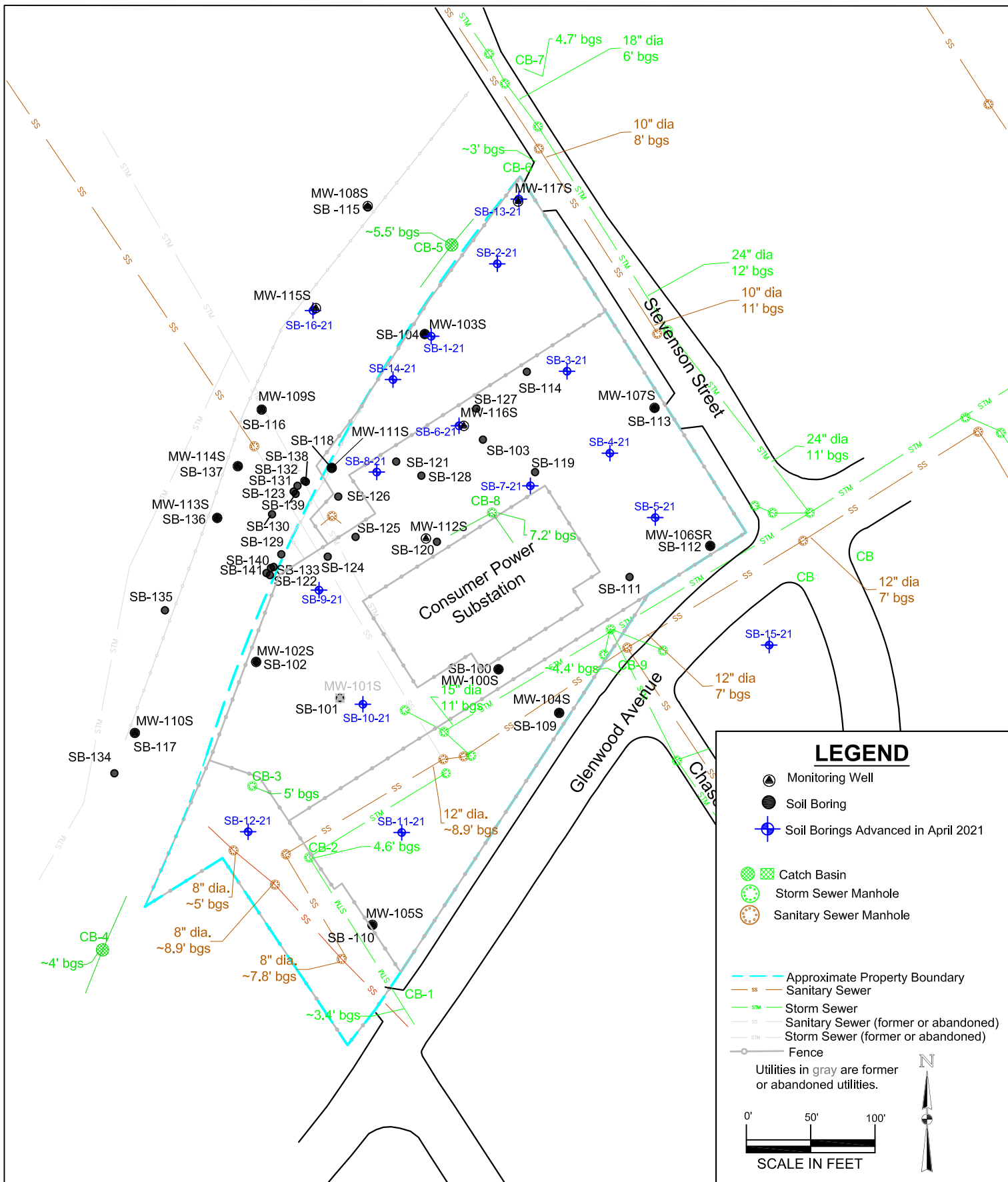
MDS

PROJECT:

11-4317-102

FIGURE:

1



Applied EcoSystems, Inc.

Environmental Management, Consulting & Field Services
G-4300 South Saginaw Street, Burton, Michigan 48529
Phone: 810.715.2525; Fax: 810.715.2526

Site Map

RACER Flint West -12990
Flint West Industrial Land, Flint, Michigan

DATE:

12/22/2025

CHECKED BY:

MDS

PROJECT:

11-4317-102

FIGURE:

2

NOTE: Since this validation report is included as an Appendix to the December 2025 Data Report, copies of the laboratory reports are included in the December 2025 Data Report as Appendix B. Attachment 3 is not duplicated here.