Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

April 08, 2025

Amanda Albrecht
3M Environmental
3M Center, 260-05-N-17
Saint Paul, MN 551441000

RE: Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Dear Amanda Albrecht:

Enclosed are the analytical results for sample(s) received by the laboratory on March 07, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

This report was revised on April 8, 2025, to include EIS dilutions for samples 10726385005 and 10726385022.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

cc: 3M Environmental Laboratory, 3M Environmental

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
DoD Certification via A2LA #: 2926.01
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
GMP+ Certification #: GMP050884
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
ISO/IEC 17025 Certification via A2LA #: 2926.01
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification (A2LA) #: R-036
North Dakota Certification (MN) #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification via A2LA #: 2926.01
USDA Permit #: P330-19-00208

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SAMPLE SUMMARY

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10726385001	**MEWI-GW-MW1-0-250304**	Water	03/04/25 14:05	03/07/25 13:15
10726385002	**MEWI-GW-MW2-0-250305**	Water	03/05/25 15:45	03/07/25 13:15
10726385003	**MEWI-GW-MW3-0-250306**	Water	03/06/25 10:55	03/07/25 13:15
10726385004	**MEWI-GW-MW3-DB-250306**	Water	03/06/25 11:00	03/07/25 13:15
10726385005	**MEWI-GW-MW4-0-250304**	Water	03/04/25 16:10	03/07/25 13:15
10726385006	**MEWI-GW-MW4D-0-250304**	Water	03/04/25 15:55	03/07/25 13:15
10726385007	**MEWI-GW-MW5-0-250305**	Water	03/05/25 12:45	03/07/25 13:15
10726385008	**MEWI-GW-MW5D-0-250305**	Water	03/05/25 12:50	03/07/25 13:15
10726385009	**MEWI-GW-MW6-0-250305**	Water	03/05/25 14:35	03/07/25 13:15
10726385010	**MEWI-GW-MW7-0-250303**	Water	03/03/25 15:00	03/07/25 13:15
10726385011	**MEWI-GW-MW8-0-250306**	Water	03/06/25 09:35	03/07/25 13:15
10726385012	**MEWI-GW-MW9-0-250304**	Water	03/04/25 11:55	03/07/25 13:15
10726385013	**MEWI-GW-MW9D-0-250304**	Water	03/04/25 10:15	03/07/25 13:15
10726385014	**MEWI-GW-MW10-0-250304**	Water	03/04/25 14:20	03/07/25 13:15
10726385015	**MEWI-GW-MW11-0-240304**	Water	03/04/25 12:05	03/07/25 13:15
10726385016	**MEWI-GW-MW12-0-250304**	Water	03/04/25 09:30	03/07/25 13:15
10726385017	**MEWI-GW-MW12D-0-250304**	Water	03/04/25 09:30	03/07/25 13:15
10726385018	**MEWI-GW-PZ1-0-250307**	Water	03/07/25 09:40	03/07/25 13:15
10726385019	**MEWI-GW-PZ2-0-250307**	Water	03/07/25 08:30	03/07/25 13:15
10726385020	**MEWI-GW-PZ3-0-250306**	Water	03/06/25 15:15	03/07/25 13:15
10726385021	**MEWI-GW-PZ3-DB-250306**	Water	03/06/25 15:20	03/07/25 13:15
10726385022	**MEWI-GW-PZ3a-0-250306**	Water	03/06/25 16:00	03/07/25 13:15
10726385023	**MEWI-GW-PZ3b-0-250306**	Water	03/06/25 14:50	03/07/25 13:15
10726385024	**MEWI-GW-PZ3c-0-250306**	Water	03/06/25 14:20	03/07/25 13:15
10726385025	**MEWI-GW-PZ4-0-250306**	Water	03/06/25 15:55	03/07/25 13:15
10726385026	**MEWI-GW-PZ5-0-250306**	Water	03/06/25 15:15	03/07/25 13:15
10726385027	**MEWI-GW-PZ6-0-250306**	Water	03/06/25 14:45	03/07/25 13:15
10726385028	**MEWI-GW-PZ8-0-250306**	Water	03/06/25 11:20	03/07/25 13:15
10726385029	**MEWI-GW-PZ9-0-250306**	Water	03/06/25 11:35	03/07/25 13:15
10726385030	**MEWI-GW-PZ10-0-250306**	Water	03/06/25 14:25	03/07/25 13:15
10726385031	**MEWI-GW-PZ11-0-250306**	Water	03/06/25 14:10	03/07/25 13:15
10726385032	**MEWI-GW-PZ12-0-250306**	Water	03/06/25 13:55	03/07/25 13:15
10726385033	**MEWI-GW-PZ13-0-250306**	Water	03/06/25 13:40	03/07/25 13:15
10726385034	**MEWI-SW-CREEK01-0-250307**	Water	03/07/25 09:45	03/07/25 13:15
10726385035	**MEWI-SW-CREEK02-0-250307**	Water	03/07/25 08:45	03/07/25 13:15
10726385036	**MEWI-SW-CREEK03-0-250307**	Water	03/07/25 09:15	03/07/25 13:15
10726385037	**MEWI-SW-CREEK03-DB-250307**	Water	03/07/25 09:15	03/07/25 13:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10726385038	**MEWI-SW-CREEK04-0-250307**	Water	03/07/25 09:00	03/07/25 13:15
10726385039	**MEWI-W-TB1-TB-250305**	Water	03/05/25 15:45	03/07/25 13:15
10726385040	**MEWI-W-FB1-FB-250304**	Water	03/04/25 09:50	03/07/25 13:15
10726385041	**MEWI-W-FB2-FB-250305**	Water	03/05/25 15:30	03/07/25 13:15
10726385042	**MEWI-W-FB3-FB-250306**	Water	03/06/25 10:40	03/07/25 13:15
10726385043	**MEWI-W-EB1-EB-250307**	Water	03/07/25 10:35	03/07/25 13:15

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SAMPLE ANALYTE COUNT

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10726385001	**MEWI-GW-MW1-0-250304**	EPA 1633	AJG	58	PASI-M
10726385002	**MEWI-GW-MW2-0-250305**	EPA 1633	AJG	58	PASI-M
10726385003	**MEWI-GW-MW3-0-250306**	EPA 1633	AJG	58	PASI-M
10726385004	**MEWI-GW-MW3-DB-250306**	EPA 1633	AJG	58	PASI-M
10726385005	**MEWI-GW-MW4-0-250304**	EPA 1633	AJG	58	PASI-M
10726385006	**MEWI-GW-MW4D-0-250304**	EPA 1633	AJG	58	PASI-M
10726385007	**MEWI-GW-MW5-0-250305**	EPA 1633	AJG	58	PASI-M
10726385008	**MEWI-GW-MW5D-0-250305**	EPA 1633	AJG	58	PASI-M
10726385009	**MEWI-GW-MW6-0-250305**	EPA 1633	AJG	58	PASI-M
10726385010	**MEWI-GW-MW7-0-250303**	EPA 1633	AJG	58	PASI-M
10726385011	**MEWI-GW-MW8-0-250306**	EPA 1633	AJG	58	PASI-M
10726385012	**MEWI-GW-MW9-0-250304**	EPA 1633	AJG	58	PASI-M
10726385013	**MEWI-GW-MW9D-0-250304**	EPA 1633	AJG	58	PASI-M
10726385014	**MEWI-GW-MW10-0-250304**	EPA 1633	AJG	58	PASI-M
10726385015	**MEWI-GW-MW11-0-240304**	EPA 1633	AJG	58	PASI-M
10726385016	**MEWI-GW-MW12-0-250304**	EPA 1633	AJG	58	PASI-M
10726385017	**MEWI-GW-MW12D-0-250304**	EPA 1633	AJG	58	PASI-M
10726385018	**MEWI-GW-PZ1-0-250307**	EPA 1633	AJG	58	PASI-M
10726385019	**MEWI-GW-PZ2-0-250307**	EPA 1633	AJG	58	PASI-M
10726385020	**MEWI-GW-PZ3-0-250306**	EPA 1633	AJG	58	PASI-M
10726385021	**MEWI-GW-PZ3-DB-250306**	EPA 1633	MJL	58	PASI-M
10726385022	**MEWI-GW-PZ3a-0-250306**	EPA 1633	AJG, MJL	58	PASI-M
10726385023	**MEWI-GW-PZ3b-0-250306**	EPA 1633	AJG, MJL	58	PASI-M
10726385024	**MEWI-GW-PZ3c-0-250306**	EPA 1633	MJL	58	PASI-M
10726385025	**MEWI-GW-PZ4-0-250306**	EPA 1633	MJL	58	PASI-M
10726385026	**MEWI-GW-PZ5-0-250306**	EPA 1633	MJL	58	PASI-M
10726385027	**MEWI-GW-PZ6-0-250306**	EPA 1633	MJL	58	PASI-M
10726385028	**MEWI-GW-PZ8-0-250306**	EPA 1633	MJL	58	PASI-M
10726385029	**MEWI-GW-PZ9-0-250306**	EPA 1633	MJL	58	PASI-M
10726385030	**MEWI-GW-PZ10-0-250306**	EPA 1633	MJL	58	PASI-M
10726385031	**MEWI-GW-PZ11-0-250306**	EPA 1633	MJL	58	PASI-M
10726385032	**MEWI-GW-PZ12-0-250306**	EPA 1633	MJL	58	PASI-M
10726385033	**MEWI-GW-PZ13-0-250306**	EPA 1633	MJL	58	PASI-M
10726385034	**MEWI-SW-CREEK01-0-250307**	EPA 1633	MJL	58	PASI-M
10726385035	**MEWI-SW-CREEK02-0-250307**	EPA 1633	MJL	58	PASI-M
10726385036	**MEWI-SW-CREEK03-0-250307**	EPA 1633	MJL	58	PASI-M
10726385037	**MEWI-SW-CREEK03-DB-250307**	EPA 1633	MJL	58	PASI-M

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10726385038	**MEWI-SW-CREEK04-0-250307**	EPA 1633	MJL	58	PASI-M
10726385039	**MEWI-W-TB1-TB-250305**	EPA 1633	MJL	58	PASI-M
10726385040	**MEWI-W-FB1-FB-250304**	EPA 1633	MJL	58	PASI-M
10726385041	**MEWI-W-FB2-FB-250305**	EPA 1633	MJL	58	PASI-M
10726385042	**MEWI-W-FB3-FB-250306**	EPA 1633	MJL	58	PASI-M
10726385043	**MEWI-W-EB1-EB-250307**	EPA 1633	MJL	58	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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SUMMARY OF DETECTION

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10726385001	**MEWI-GW-MW1-0-250304**					
EPA 1633	PFBS	0.00071J	ug/L	0.0017	03/13/25 18:47	
EPA 1633	PFBA	0.0047J	ug/L	0.0067	03/13/25 18:47	
EPA 1633	PFHxS	0.00070J	ug/L	0.0017	03/13/25 18:47	
EPA 1633	PFOS	0.00048J	ug/L	0.0017	03/13/25 18:47	
10726385002	**MEWI-GW-MW2-0-250305**					
EPA 1633	PFBS	0.0020J	ug/L	0.0033	03/13/25 18:56	
EPA 1633	PFHxA	0.0016J	ug/L	0.0033	03/13/25 18:56	
EPA 1633	PFBA	0.0080J	ug/L	0.013	03/13/25 18:56	
EPA 1633	PFHpS	0.0015J	ug/L	0.0033	03/13/25 18:56	
EPA 1633	PFPeS	0.00098J	ug/L	0.0033	03/13/25 18:56	
EPA 1633	PFHxS	0.013	ug/L	0.0033	03/13/25 18:56	
EPA 1633	PFOS	0.0035	ug/L	0.0033	03/13/25 18:56	
EPA 1633	PFOA	0.0011J	ug/L	0.0033	03/13/25 18:56	
10726385003	**MEWI-GW-MW3-0-250306**					
EPA 1633	PFBS	0.0075	ug/L	0.0034	03/13/25 19:05	
EPA 1633	PFHxA	0.019	ug/L	0.0034	03/13/25 19:05	
EPA 1633	PFBA	0.0093J	ug/L	0.014	03/13/25 19:05	
EPA 1633	PFHpS	0.026	ug/L	0.0034	03/13/25 19:05	
EPA 1633	PFPeA	0.0044J	ug/L	0.0068	03/13/25 19:05	
EPA 1633	PFPeS	0.013	ug/L	0.0034	03/13/25 19:05	
EPA 1633	PFHpA	0.0034J	ug/L	0.0034	03/13/25 19:05	
EPA 1633	PFHxS	0.42	ug/L	0.0034	03/13/25 19:05	
EPA 1633	PFOS	0.96	ug/L	0.0034	03/13/25 19:05	
EPA 1633	PFOA	0.30	ug/L	0.0034	03/13/25 19:05	
10726385004	**MEWI-GW-MW3-DB-250306**					
EPA 1633	PFBS	0.0071	ug/L	0.0034	03/13/25 19:14	
EPA 1633	PFHxA	0.019	ug/L	0.0034	03/13/25 19:14	
EPA 1633	PFBA	0.0086J	ug/L	0.013	03/13/25 19:14	
EPA 1633	PFHpS	0.022	ug/L	0.0034	03/13/25 19:14	
EPA 1633	PFPeA	0.0047J	ug/L	0.0067	03/13/25 19:14	
EPA 1633	PFPeS	0.012	ug/L	0.0034	03/13/25 19:14	
EPA 1633	PFHpA	0.0032J	ug/L	0.0034	03/13/25 19:14	
EPA 1633	PFHxS	0.39	ug/L	0.0034	03/13/25 19:14	
EPA 1633	PFOS	0.87	ug/L	0.0034	03/13/25 19:14	
EPA 1633	PFOA	0.28	ug/L	0.0034	03/13/25 19:14	
10726385005	**MEWI-GW-MW4-0-250304**					
EPA 1633	PFBS	0.019	ug/L	0.0017	03/13/25 19:23	
EPA 1633	PFHxA	0.073	ug/L	0.0017	03/13/25 19:23	
EPA 1633	PFBA	0.020	ug/L	0.0069	03/13/25 19:23	
EPA 1633	PFHpS	0.12	ug/L	0.0017	03/13/25 19:23	
EPA 1633	PFPeA	0.017	ug/L	0.0035	03/13/25 19:23	
EPA 1633	PFPeS	0.074	ug/L	0.0017	03/13/25 19:23	
EPA 1633	PFHpA	0.014	ug/L	0.0017	03/13/25 19:23	
EPA 1633	PFHxS	1.3	ug/L	0.017	03/17/25 15:30	
EPA 1633	PFNA	0.0013J	ug/L	0.0017	03/13/25 19:23	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10726385005	**MEWI-GW-MW4-0-250304**					
EPA 1633	PFOS	2.7	ug/L	0.017	03/17/25 15:30	
EPA 1633	PFOA	0.23	ug/L	0.0017	03/13/25 19:23	
10726385006	**MEWI-GW-MW4D-0-250304**					
EPA 1633	PFNA	0.0012J	ug/L	0.0035	03/13/25 19:32	
EPA 1633	PFOA	0.0021J	ug/L	0.0035	03/13/25 19:32	
10726385007	**MEWI-GW-MW5-0-250305**					
EPA 1633	PFBS	0.0030	ug/L	0.0016	03/13/25 19:42	
EPA 1633	PFHxA	0.0035	ug/L	0.0016	03/13/25 19:42	
EPA 1633	PFBA	0.0082	ug/L	0.0063	03/13/25 19:42	
EPA 1633	PFPeA	0.0022J	ug/L	0.0032	03/13/25 19:42	
EPA 1633	PFPeS	0.0023	ug/L	0.0016	03/13/25 19:42	
EPA 1633	PFHpA	0.00063J	ug/L	0.0016	03/13/25 19:42	
EPA 1633	PFHxS	0.047	ug/L	0.0016	03/13/25 19:42	
EPA 1633	PFOS	0.019	ug/L	0.0016	03/13/25 19:42	
EPA 1633	PFOA	0.0063	ug/L	0.0016	03/13/25 19:42	
10726385009	**MEWI-GW-MW6-0-250305**					
EPA 1633	PFBS	0.0051	ug/L	0.0034	03/13/25 20:00	
EPA 1633	PFHxA	0.0026J	ug/L	0.0034	03/13/25 20:00	
EPA 1633	PFBA	0.0075J	ug/L	0.014	03/13/25 20:00	
EPA 1633	PFHpS	0.0013J	ug/L	0.0034	03/13/25 20:00	
EPA 1633	PFPeS	0.0034J	ug/L	0.0034	03/13/25 20:00	
EPA 1633	PFHpA	0.0017J	ug/L	0.0034	03/13/25 20:00	
EPA 1633	PFHxS	0.12	ug/L	0.0034	03/13/25 20:00	
EPA 1633	PFOS	0.0078	ug/L	0.0034	03/13/25 20:00	
EPA 1633	PFOA	0.045	ug/L	0.0034	03/13/25 20:00	
10726385010	**MEWI-GW-MW7-0-250303**					
EPA 1633	PFBS	0.0012J	ug/L	0.0034	03/13/25 20:09	
EPA 1633	PFHxA	0.0035	ug/L	0.0034	03/13/25 20:09	
EPA 1633	PFBA	0.0055J	ug/L	0.014	03/13/25 20:09	
EPA 1633	PFPeS	0.0017J	ug/L	0.0034	03/13/25 20:09	
EPA 1633	PFHxS	0.023	ug/L	0.0034	03/13/25 20:09	
EPA 1633	PFOS	0.0060	ug/L	0.0034	03/13/25 20:09	
EPA 1633	PFOA	0.0017J	ug/L	0.0034	03/13/25 20:09	
10726385011	**MEWI-GW-MW8-0-250306**					
EPA 1633	PFBS	0.0028J	ug/L	0.0034	03/13/25 20:36	
EPA 1633	PFBA	0.0087J	ug/L	0.014	03/13/25 20:36	
EPA 1633	PFHxS	0.015	ug/L	0.0034	03/13/25 20:36	
EPA 1633	PFOS	0.0015J	ug/L	0.0034	03/13/25 20:36	
EPA 1633	PFOA	0.0022J	ug/L	0.0034	03/13/25 20:36	
10726385012	**MEWI-GW-MW9-0-250304**					
EPA 1633	PFBS	0.0011J	ug/L	0.0017	03/13/25 20:46	
EPA 1633	PFHxA	0.0058	ug/L	0.0017	03/13/25 20:46	
EPA 1633	PFBA	0.020	ug/L	0.0070	03/13/25 20:46	
EPA 1633	PFPeA	0.0063	ug/L	0.0035	03/13/25 20:46	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SUMMARY OF DETECTION

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10726385012	**MEWI-GW-MW9-0-250304**					
EPA 1633	PFHpA	0.0027	ug/L	0.0017	03/13/25 20:46	
EPA 1633	PFOS	0.00097J	ug/L	0.0017	03/13/25 20:46	
EPA 1633	PFOA	0.0022	ug/L	0.0017	03/13/25 20:46	
10726385013	**MEWI-GW-MW9D-0-250304**					
EPA 1633	PFBS	0.0025J	ug/L	0.0067	03/13/25 20:55	
10726385014	**MEWI-GW-MW10-0-250304**					
EPA 1633	PFBS	0.0011J	ug/L	0.0034	03/13/25 21:04	
EPA 1633	PFBA	0.029	ug/L	0.013	03/13/25 21:04	
EPA 1633	PFHxS	0.0023J	ug/L	0.0034	03/13/25 21:04	
10726385015	**MEWI-GW-MW11-0-240304**					
EPA 1633	PFBA	0.012J	ug/L	0.013	03/13/25 21:13	
10726385016	**MEWI-GW-MW12-0-250304**					
EPA 1633	PFOA	0.0021J	ug/L	0.0066	03/13/25 21:22	
10726385017	**MEWI-GW-MW12D-0-250304**					
EPA 1633	PFBA	0.0034J	ug/L	0.014	03/13/25 21:31	
EPA 1633	PFOS	0.0010J	ug/L	0.0034	03/13/25 21:31	
10726385018	**MEWI-GW-PZ1-0-250307**					
EPA 1633	PFBS	0.020	ug/L	0.0066	03/13/25 21:40	
EPA 1633	PFHxA	0.032	ug/L	0.0066	03/13/25 21:40	
EPA 1633	PFBA	0.010J	ug/L	0.026	03/13/25 21:40	
EPA 1633	PFHpS	0.0027J	ug/L	0.0066	03/13/25 21:40	
EPA 1633	PFPeA	0.0072J	ug/L	0.013	03/13/25 21:40	
EPA 1633	PFPeS	0.041	ug/L	0.0066	03/13/25 21:40	
EPA 1633	PFHpA	0.0060J	ug/L	0.0066	03/13/25 21:40	
EPA 1633	PFHxS	1.3	ug/L	0.0066	03/13/25 21:40	
EPA 1633	PFOS	0.0020J	ug/L	0.0066	03/13/25 21:40	
EPA 1633	PFOA	0.027	ug/L	0.0066	03/13/25 21:40	
10726385019	**MEWI-GW-PZ2-0-250307**					
EPA 1633	PFBS	0.020	ug/L	0.0071	03/13/25 21:50	
EPA 1633	PFHxA	0.058	ug/L	0.0071	03/13/25 21:50	
EPA 1633	PFBA	0.024J	ug/L	0.029	03/13/25 21:50	
EPA 1633	PFHpS	0.019	ug/L	0.0071	03/13/25 21:50	
EPA 1633	PFPeA	0.018	ug/L	0.014	03/13/25 21:50	
EPA 1633	PFPeS	0.061	ug/L	0.0071	03/13/25 21:50	
EPA 1633	PFHpA	0.012	ug/L	0.0071	03/13/25 21:50	
EPA 1633	PFHxS	1.2	ug/L	0.0071	03/13/25 21:50	
EPA 1633	PFOS	0.11	ug/L	0.0071	03/13/25 21:50	
EPA 1633	PFOA	0.097	ug/L	0.0071	03/13/25 21:50	
10726385020	**MEWI-GW-PZ3-0-250306**					
EPA 1633	PFBS	0.21	ug/L	0.017	03/13/25 21:59	
EPA 1633	PFHxA	0.37	ug/L	0.017	03/13/25 21:59	
EPA 1633	PFBA	0.055J	ug/L	0.066	03/13/25 21:59	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SUMMARY OF DETECTION

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10726385020	**MEWI-GW-PZ3-0-250306**					
EPA 1633	PFHpS	0.077	ug/L	0.017	03/13/25 21:59	
EPA 1633	PFPeA	0.072	ug/L	0.033	03/13/25 21:59	
EPA 1633	PFPeS	0.42	ug/L	0.017	03/13/25 21:59	
EPA 1633	PFHpA	0.067	ug/L	0.017	03/13/25 21:59	
EPA 1633	PFHxS	3.5	ug/L	0.017	03/13/25 21:59	
EPA 1633	PFOS	2.4	ug/L	0.017	03/13/25 21:59	
EPA 1633	PFOA	0.25	ug/L	0.017	03/13/25 21:59	
10726385021	**MEWI-GW-PZ3-DB-250306**					
EPA 1633	PFBS	0.21	ug/L	0.0070	03/17/25 18:02	
EPA 1633	PFHxA	0.36	ug/L	0.0070	03/17/25 18:02	
EPA 1633	PFBA	0.053	ug/L	0.028	03/17/25 18:02	
EPA 1633	PFHpS	0.070	ug/L	0.0070	03/17/25 18:02	
EPA 1633	PFPeA	0.068	ug/L	0.014	03/17/25 18:02	
EPA 1633	PFPeS	0.47	ug/L	0.0070	03/17/25 18:02	
EPA 1633	PFHpA	0.063	ug/L	0.0070	03/17/25 18:02	
EPA 1633	PFHxS	3.2	ug/L	0.070	03/19/25 16:57	
EPA 1633	PFOS	2.1	ug/L	0.070	03/19/25 16:57	
EPA 1633	PFOA	0.24	ug/L	0.0070	03/17/25 18:02	
10726385022	**MEWI-GW-PZ3a-0-250306**					
EPA 1633	PFBS	0.28	ug/L	0.0015	03/18/25 20:27	
EPA 1633	PFHxA	0.54	ug/L	0.015	03/19/25 13:11	
EPA 1633	PFBA	0.075	ug/L	0.0060	03/18/25 20:27	
EPA 1633	PFHpS	0.11	ug/L	0.0015	03/18/25 20:27	
EPA 1633	PFPeA	0.091	ug/L	0.0030	03/18/25 20:27	
EPA 1633	PFPeS	0.85	ug/L	0.015	03/19/25 13:11	
EPA 1633	PFHpA	0.14	ug/L	0.0015	03/18/25 20:27	
EPA 1633	PFHxS	5.6	ug/L	0.023	03/19/25 13:30	
EPA 1633	PFNA	0.00073J	ug/L	0.0015	03/18/25 20:27	
EPA 1633	PFOS	3.7	ug/L	0.015	03/19/25 13:11	
EPA 1633	PFOA	0.30	ug/L	0.0015	03/18/25 20:27	
10726385023	**MEWI-GW-PZ3b-0-250306**					
EPA 1633	PFBS	0.26	ug/L	0.0016	03/18/25 20:36	
EPA 1633	PFHxA	0.48	ug/L	0.0016	03/18/25 20:36	
EPA 1633	PFBA	0.068	ug/L	0.0064	03/18/25 20:36	
EPA 1633	PFHpS	0.19	ug/L	0.0016	03/18/25 20:36	
EPA 1633	PFPeA	0.084	ug/L	0.0032	03/18/25 20:36	
EPA 1633	PFPeS	0.61	ug/L	0.016	03/19/25 13:20	
EPA 1633	PFHpA	0.084	ug/L	0.0016	03/18/25 20:36	
EPA 1633	PFHxS	4.5	ug/L	0.016	03/19/25 13:20	
EPA 1633	PFNA	0.00056J	ug/L	0.0016	03/18/25 20:36	
EPA 1633	PFOS	4.3	ug/L	0.016	03/19/25 13:20	
EPA 1633	PFOA	0.31	ug/L	0.0016	03/18/25 20:36	
10726385024	**MEWI-GW-PZ3c-0-250306**					
EPA 1633	PFBS	0.0080	ug/L	0.0017	03/18/25 20:45	
EPA 1633	PFHxA	0.0099	ug/L	0.0017	03/18/25 20:45	

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(612)607-1700

SUMMARY OF DETECTION

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10726385024	**MEWI-GW-PZ3c-0-250306**					
EPA 1633	PFBA	0.014	ug/L	0.0066	03/18/25 20:45	
EPA 1633	PFHpS	0.0030	ug/L	0.0017	03/18/25 20:45	
EPA 1633	PFPeA	0.0032J	ug/L	0.0033	03/18/25 20:45	
EPA 1633	PFPeS	0.014	ug/L	0.0017	03/18/25 20:45	
EPA 1633	PFHpA	0.0021	ug/L	0.0017	03/18/25 20:45	
EPA 1633	PFHxS	0.11	ug/L	0.0017	03/18/25 20:45	
EPA 1633	PFOS	0.12	ug/L	0.0017	03/18/25 20:45	
EPA 1633	PFOA	0.0094	ug/L	0.0017	03/18/25 20:45	
10726385025	**MEWI-GW-PZ4-0-250306**					
EPA 1633	PFBS	0.015	ug/L	0.0072	03/17/25 18:12	
EPA 1633	PFHxA	0.026	ug/L	0.0072	03/17/25 18:12	
EPA 1633	PFBA	0.030	ug/L	0.029	03/17/25 18:12	
EPA 1633	PFHpS	0.070	ug/L	0.0072	03/17/25 18:12	
EPA 1633	PFPeA	0.0094J	ug/L	0.014	03/17/25 18:12	
EPA 1633	PFPeS	0.048	ug/L	0.0072	03/17/25 18:12	
EPA 1633	PFHpA	0.0039J	ug/L	0.0072	03/17/25 18:12	
EPA 1633	PFHxS	0.74	ug/L	0.0072	03/17/25 18:12	
EPA 1633	PFOS	0.76	ug/L	0.0072	03/17/25 18:12	
EPA 1633	PFOA	0.042	ug/L	0.0072	03/17/25 18:12	
10726385026	**MEWI-GW-PZ5-0-250306**					
EPA 1633	PFBS	0.018	ug/L	0.0077	03/17/25 18:21	
EPA 1633	PFHxA	0.011	ug/L	0.0077	03/17/25 18:21	
EPA 1633	PFBA	0.079	ug/L	0.031	03/17/25 18:21	
EPA 1633	PFPeA	0.0049J	ug/L	0.015	03/17/25 18:21	
EPA 1633	PFPeS	0.011	ug/L	0.0077	03/17/25 18:21	
EPA 1633	PFHxS	0.055	ug/L	0.0077	03/17/25 18:21	
EPA 1633	PFOS	0.0040J	ug/L	0.0077	03/17/25 18:21	
EPA 1633	PFOA	0.0077J	ug/L	0.0077	03/17/25 18:21	
10726385027	**MEWI-GW-PZ6-0-250306**					
EPA 1633	PFBS	0.0042	ug/L	0.0016	03/17/25 18:30	
EPA 1633	PFHxA	0.0017	ug/L	0.0016	03/17/25 18:30	
EPA 1633	PFBA	0.018	ug/L	0.0063	03/17/25 18:30	
EPA 1633	PFPeA	0.0013J	ug/L	0.0031	03/17/25 18:30	
EPA 1633	PFPeS	0.0043	ug/L	0.0016	03/17/25 18:30	
EPA 1633	PFHxS	0.046	ug/L	0.0016	03/17/25 18:30	
EPA 1633	PFOS	0.0011J	ug/L	0.0016	03/17/25 18:30	
EPA 1633	PFOA	0.0031	ug/L	0.0016	03/17/25 18:30	
10726385030	**MEWI-GW-PZ10-0-250306**					
EPA 1633	PFBS	0.012	ug/L	0.0071	03/17/25 18:57	
EPA 1633	PFHxA	0.017	ug/L	0.0071	03/17/25 18:57	
EPA 1633	PFBA	0.020J	ug/L	0.028	03/17/25 18:57	
EPA 1633	PFPeS	0.018	ug/L	0.0071	03/17/25 18:57	
EPA 1633	PFHpA	0.0067J	ug/L	0.0071	03/17/25 18:57	
EPA 1633	PFHxS	0.26	ug/L	0.0071	03/17/25 18:57	
EPA 1633	PFOS	0.0083	ug/L	0.0071	03/17/25 18:57	

REPORT OF LABORATORY ANALYSIS

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SUMMARY OF DETECTION

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10726385030	**MEWI-GW-PZ10-0-250306**					
EPA 1633	PFOA	0.058	ug/L	0.0071	03/17/25 18:57	
10726385031	**MEWI-GW-PZ11-0-250306**					
EPA 1633	PFBS	0.0099	ug/L	0.0070	03/17/25 19:06	
EPA 1633	PFHxA	0.0031J	ug/L	0.0070	03/17/25 19:06	
EPA 1633	PFBA	0.012J	ug/L	0.028	03/17/25 19:06	
EPA 1633	PFPeS	0.0051J	ug/L	0.0070	03/17/25 19:06	
EPA 1633	PFHxS	0.15	ug/L	0.0070	03/17/25 19:06	
EPA 1633	PFOS	0.019	ug/L	0.0070	03/17/25 19:06	
EPA 1633	PFOA	0.023	ug/L	0.0070	03/17/25 19:06	
10726385032	**MEWI-GW-PZ12-0-250306**					
EPA 1633	PFBS	0.0012J	ug/L	0.0016	03/17/25 19:16	
EPA 1633	PFBA	0.0071	ug/L	0.0062	03/17/25 19:16	
EPA 1633	PFPeS	0.00063J	ug/L	0.0016	03/17/25 19:16	
EPA 1633	PFHxS	0.0082	ug/L	0.0016	03/17/25 19:16	
10726385033	**MEWI-GW-PZ13-0-250306**					
EPA 1633	PFBS	0.0026J	ug/L	0.0031	03/17/25 19:25	
EPA 1633	PFHxA	0.0019J	ug/L	0.0031	03/17/25 19:25	
EPA 1633	PFBA	0.0067J	ug/L	0.013	03/17/25 19:25	
EPA 1633	PFPeS	0.0061	ug/L	0.0031	03/17/25 19:25	
EPA 1633	PFHxS	0.091	ug/L	0.0031	03/17/25 19:25	
EPA 1633	PFOS	0.0099	ug/L	0.0031	03/17/25 19:25	
EPA 1633	PFOA	0.00098J	ug/L	0.0031	03/17/25 19:25	
10726385034	**MEWI-SW-CREEK01-0-250307**					
EPA 1633	PFBS	0.0046	ug/L	0.0017	03/17/25 19:52	
EPA 1633	PFHxA	0.0049	ug/L	0.0017	03/17/25 19:52	
EPA 1633	PFBA	0.0079	ug/L	0.0069	03/17/25 19:52	
EPA 1633	PFHpS	0.0027	ug/L	0.0017	03/17/25 19:52	
EPA 1633	PFPeS	0.0067	ug/L	0.0017	03/17/25 19:52	
EPA 1633	PFHpA	0.0012J	ug/L	0.0017	03/17/25 19:52	
EPA 1633	PFHxS	0.11	ug/L	0.0017	03/17/25 19:52	
EPA 1633	PFOS	0.038	ug/L	0.0017	03/17/25 19:52	
EPA 1633	PFOA	0.013	ug/L	0.0017	03/17/25 19:52	
10726385035	**MEWI-SW-CREEK02-0-250307**					
EPA 1633	PFBS	0.0024	ug/L	0.0015	03/17/25 20:01	
EPA 1633	PFHxA	0.0021	ug/L	0.0015	03/17/25 20:01	
EPA 1633	PFBA	0.0089	ug/L	0.0062	03/17/25 20:01	
EPA 1633	PFHpS	0.00048J	ug/L	0.0015	03/17/25 20:01	
EPA 1633	PFPeS	0.0036	ug/L	0.0015	03/17/25 20:01	
EPA 1633	PFHpA	0.00076J	ug/L	0.0015	03/17/25 20:01	
EPA 1633	PFHxS	0.043	ug/L	0.0015	03/17/25 20:01	
EPA 1633	PFOS	0.014	ug/L	0.0015	03/17/25 20:01	
EPA 1633	PFOA	0.0031	ug/L	0.0015	03/17/25 20:01	
10726385036	**MEWI-SW-CREEK03-0-250307**					
EPA 1633	PFBS	0.0022J	ug/L	0.0070	03/17/25 20:10	

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(612)607-1700

SUMMARY OF DETECTION

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10726385036	**MEWI-SW-CREEK03-0-250307**					
EPA 1633	PFBA	0.011J	ug/L	0.028	03/17/25 20:10	
EPA 1633	PFPeS	0.0022J	ug/L	0.0070	03/17/25 20:10	
EPA 1633	PFHxS	0.024	ug/L	0.0070	03/17/25 20:10	
EPA 1633	PFOS	0.015	ug/L	0.0070	03/17/25 20:10	
EPA 1633	PFOA	0.0028J	ug/L	0.0070	03/17/25 20:10	
10726385037	**MEWI-SW-CREEK03-DB-250307**					
EPA 1633	PFBS	0.0022J	ug/L	0.0032	03/17/25 20:20	
EPA 1633	PFBA	0.0084J	ug/L	0.013	03/17/25 20:20	
EPA 1633	PFPeS	0.0021J	ug/L	0.0032	03/17/25 20:20	
EPA 1633	PFHxS	0.024	ug/L	0.0032	03/17/25 20:20	
EPA 1633	PFOS	0.013	ug/L	0.0032	03/17/25 20:20	
EPA 1633	PFOA	0.0025J	ug/L	0.0032	03/17/25 20:20	
10726385038	**MEWI-SW-CREEK04-0-250307**					
EPA 1633	PFBS	0.0027	ug/L	0.0017	03/17/25 20:29	
EPA 1633	PFBA	0.010	ug/L	0.0069	03/17/25 20:29	
EPA 1633	PFPeS	0.0019	ug/L	0.0017	03/17/25 20:29	
EPA 1633	PFHxS	0.022	ug/L	0.0017	03/17/25 20:29	
EPA 1633	PFOS	0.0092	ug/L	0.0017	03/17/25 20:29	
EPA 1633	PFOA	0.0027	ug/L	0.0017	03/17/25 20:29	
10726385040	**MEWI-W-FB1-FB-250304**					
EPA 1633	PFBA	0.0035J	ug/L	0.0062	03/17/25 22:13	

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PROJECT NARRATIVE

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Date: April 08, 2025

The quality system for Pace Analytical Services, LLC in Minneapolis, MN (Pace-Mpls) has been audited and was found to be in conformance with ISO/IEC 17025:2017 by an independent assessment (A2LA Certificate # 2926). The PFAS test results in non-drinking water for this project are not covered by this accreditation.Pace-Mpls maintains accreditation with the state of Wisconsin for EPA 1633 under certificate number 999407970. All of the test results for this project are covered by the Wisconsin accreditation.Reporting of results by method EPA 1633 is equivalent to the reporting of results by method EPA 1633A for the Pace-Mpls laboratory.

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1700 Elm Street
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(612)607-1700

PROJECT NARRATIVE

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Method: **EPA 1633**
Description: EPA 1633F Water
Client: 3M Environmental
Date: April 08, 2025

General Information:
43 samples were analyzed for EPA 1633 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 1633 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 995916

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 5196292)
  - 13C8-PFOSA (S)
- MEWI-GW-MW1-0-250304 (Lab ID: 10726385001)
  - 13C8-PFOSA (S)
- MEWI-GW-MW3-0-250306 (Lab ID: 10726385003)
  - 13C26:2FTS (S)
- MEWI-GW-MW3-DB-250306 (Lab ID: 10726385004)
  - 13C26:2FTS (S)
- MEWI-GW-MW4-0-250304 (Lab ID: 10726385005)
  - 13C26:2FTS (S)
- MEWI-GW-MW4D-0-250304 (Lab ID: 10726385006)
  - 13C24:2FTS (S)
  - 13C3-PFBS (S)
  - 13C3-PFHxS (S)
  - 13C3HFPO-DA (S)
  - 13C4-PFHpA (S)
  - 13C5-PFHxA (S)
  - 13C5-PFPeA (S)
  - 13C6-PFDA (S)
  - 13C8-PFOA (S)

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PROJECT NARRATIVE

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Method: **EPA 1633**
Description: EPA 1633F Water
Client: 3M Environmental
Date: April 08, 2025

QC Batch: 995916

S0: Surrogate recovery outside laboratory control limits.
- 13C8-PFOS (S)
- 13C8-PFOSA (S)
- 13C9-PFNA (S)
- d3-MeFOSAA (S)

- MEWI-GW-MW5-0-250305 (Lab ID: 10726385007)
  - 13C26:2FTS (S)
- MEWI-GW-MW5D-0-250305 (Lab ID: 10726385008)
  - 13C24:2FTS (S)
  - 13C26:2FTS (S)
  - 13C3-PFBS (S)
  - 13C3-PFHxS (S)
  - 13C3HFPO-DA (S)
  - 13C4-PFHpA (S)
  - 13C5-PFHxA (S)
  - 13C5-PFPeA (S)
  - 13C6-PFDA (S)
  - 13C8-PFOA (S)
  - 13C8-PFOS (S)
  - 13C8-PFOSA (S)
  - 13C9-PFNA (S)
  - d3-MeFOSAA (S)
  - d3-NMeFOSA (S)
  - d5-NEtFOSA (S)
- MEWI-GW-MW6-0-250305 (Lab ID: 10726385009)
  - 13C26:2FTS (S)
- MEWI-GW-MW8-0-250306 (Lab ID: 10726385011)
  - 13C26:2FTS (S)
- MEWI-GW-MW9D-0-250304 (Lab ID: 10726385013)
  - 13C8-PFOSA (S)
- MEWI-GW-PZ1-0-250307 (Lab ID: 10726385018)
  - 13C8-PFOSA (S)
- SRM (Lab ID: 5196293)
  - 13C26:2FTS (S)

QC Batch: 996164

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
- MEWI-W-FB3-FB-250306 (Lab ID: 10726385042)
  - 13C26:2FTS (S)

QC Batch: 996169

S0: Surrogate recovery outside laboratory control limits.
- LCS (Lab ID: 5197829)
  - 13C26:2FTS (S)
- MEWI-GW-PZ12-0-250306 (Lab ID: 10726385032)

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PROJECT NARRATIVE

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Method: **EPA 1633**
Description: EPA 1633F Water
Client: 3M Environmental
Date: April 08, 2025

QC Batch: 996169

S0: Surrogate recovery outside laboratory control limits.
- 13C8-PFOSA (S)
- MEWI-GW-PZ13-0-250306 (Lab ID: 10726385033)
  - 13C8-PFOSA (S)
- MEWI-GW-PZ3-DB-250306 (Lab ID: 10726385021)
  - 13C26:2FTS (S)
- MEWI-GW-PZ9-0-250306 (Lab ID: 10726385029)
  - 13C8-PFOSA (S)
- MEWI-SW-CREEK01-0-250307 (Lab ID: 10726385034)
  - 13C8-PFOSA (S)
  - d3-MeFOSAA (S)
- MEWI-SW-CREEK04-0-250307 (Lab ID: 10726385038)
  - 13C3-PFBS (S)
  - 13C3-PFHxS (S)
  - 13C3HFPO-DA (S)
  - 13C4-PFHpA (S)
  - 13C5-PFHxA (S)
  - 13C5-PFPeA (S)
  - 13C6-PFDA (S)
  - 13C8-PFOA (S)
  - 13C8-PFOS (S)
  - 13C8-PFOSA (S)
  - 13C9-PFNA (S)
  - d3-MeFOSAA (S)
- MEWI-W-FB1-FB-250304 (Lab ID: 10726385040)
  - 13C3-PFBS (S)
  - 13C3-PFHxS (S)
  - 13C3HFPO-DA (S)
  - 13C4-PFHpA (S)
  - 13C5-PFHxA (S)
  - 13C5-PFPeA (S)
  - 13C6-PFDA (S)
  - 13C8-PFOA (S)
  - 13C8-PFOS (S)
  - 13C8-PFOSA (S)
  - 13C9-PFNA (S)
  - d3-MeFOSAA (S)
- MEWI-W-TB1-TB-250305 (Lab ID: 10726385039)
  - 13C8-PFOSA (S)
- SRM (Lab ID: 5197830)
  - 13C26:2FTS (S)

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
- BLANK (Lab ID: 5197828)
  - 13C26:2FTS (S)

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PROJECT NARRATIVE

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Method: **EPA 1633**
Description: EPA 1633F Water
Client: 3M Environmental
Date: April 08, 2025

QC Batch: 996389

S0: Surrogate recovery outside laboratory control limits.

- MEWI-GW-PZ3a-0-250306 (Lab ID: 10726385022)
  - 13C24:2FTS (S)
- MEWI-GW-PZ3b-0-250306 (Lab ID: 10726385023)
  - 13C24:2FTS (S)
  - 13C3-PFBS (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 995916

1M: All narrated results associated with this sample confirmed through secondary analysis. Extracted Internal Standards (EIS) with 0% recovery are confirmed based on their low detections meeting signal to noise criteria described in the laboratories SOP.

- MEWI-GW-MW1-0-250304 (Lab ID: 10726385001)
  - 13C2-PFDoA (S)
- MEWI-GW-MW3-0-250306 (Lab ID: 10726385003)
  - 13C2-PFDoA (S)
- MEWI-GW-MW3-DB-250306 (Lab ID: 10726385004)
  - 13C2-PFDoA (S)
- MEWI-GW-MW4-0-250304 (Lab ID: 10726385005)
  - 13C2-PFDoA (S)
- MEWI-GW-MW4D-0-250304 (Lab ID: 10726385006)
  - 13C2-PFDoA (S)
- MEWI-GW-MW5-0-250305 (Lab ID: 10726385007)
  - 13C2-PFDoA (S)
- MEWI-GW-MW5D-0-250305 (Lab ID: 10726385008)
  - 13C2-PFDoA (S)
- MEWI-GW-MW6-0-250305 (Lab ID: 10726385009)
  - 13C2-PFDoA (S)
- MEWI-GW-MW8-0-250306 (Lab ID: 10726385011)
  - 13C2-PFDoA (S)
- MEWI-GW-MW9D-0-250304 (Lab ID: 10726385013)
  - 13C2-PFDoA (S)
- MEWI-GW-PZ1-0-250307 (Lab ID: 10726385018)
  - 13C2-PFDoA (S)

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PROJECT NARRATIVE

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Method: **EPA 1633**
Description: EPA 1633F Water
Client: 3M Environmental
Date: April 08, 2025

Analyte Comments:

QC Batch: 996164

1M: All narrated results associated with this sample confirmed through secondary analysis. Extracted Internal Standards (EIS) with 0% recovery are confirmed based on their low detections meeting signal to noise criteria described in the laboratories SOP.

- MEWI-W-FB3-FB-250306 (Lab ID: 10726385042)
  - 13C2-PFDoA (S)

QC Batch: 996169

1M: All narrated results associated with this sample confirmed through secondary analysis. Extracted Internal Standards (EIS) with 0% recovery are confirmed based on their low detections meeting signal to noise criteria described in the laboratories SOP.

- MEWI-GW-PZ12-0-250306 (Lab ID: 10726385032)
  - 13C2-PFDoA (S)
- MEWI-GW-PZ13-0-250306 (Lab ID: 10726385033)
  - 13C2-PFDoA (S)
- MEWI-GW-PZ3-DB-250306 (Lab ID: 10726385021)
  - 13C2-PFDoA (S)
- MEWI-GW-PZ9-0-250306 (Lab ID: 10726385029)
  - 13C2-PFDoA (S)
- MEWI-SW-CREEK01-0-250307 (Lab ID: 10726385034)
  - 13C2-PFDoA (S)
- MEWI-SW-CREEK04-0-250307 (Lab ID: 10726385038)
  - 13C2-PFDoA (S)
- MEWI-W-FB1-FB-250304 (Lab ID: 10726385040)
  - 13C2-PFDoA (S)
- MEWI-W-TB1-TB-250305 (Lab ID: 10726385039)
  - 13C2-PFDoA (S)

QC Batch: 996389

1M: All narrated results associated with this sample confirmed through secondary analysis. Extracted Internal Standards (EIS) with 0% recovery are confirmed based on their low detections meeting signal to noise criteria described in the laboratories SOP.

- MEWI-GW-PZ3a-0-250306 (Lab ID: 10726385022)
  - 13C2-PFDoA (S)
- MEWI-GW-PZ3b-0-250306 (Lab ID: 10726385023)
  - 13C2-PFDoA (S)

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW1-0-250304 **Lab ID: 10726385001** Collected: 03/04/25 14:05 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0020**	ug/L	0.0067	0.0020	1	03/13/25 08:43	03/13/25 18:47	763051-92-9	
4:2 FTS	**<0.0017**	ug/L	0.0067	0.0017	1	03/13/25 08:43	03/13/25 18:47	757124-72-4	
6:2 FTS	**<0.0019**	ug/L	0.0067	0.0019	1	03/13/25 08:43	03/13/25 18:47	27619-97-2	
8:2 FTS	**<0.0017**	ug/L	0.0067	0.0017	1	03/13/25 08:43	03/13/25 18:47	39108-34-4	
9Cl-PF3ONS	**<0.0018**	ug/L	0.0067	0.0018	1	03/13/25 08:43	03/13/25 18:47	756426-58-1	
ADONA	**<0.0020**	ug/L	0.0067	0.0020	1	03/13/25 08:43	03/13/25 18:47	919005-14-4	
HFPO-DA	**<0.0019**	ug/L	0.0067	0.0019	1	03/13/25 08:43	03/13/25 18:47	13252-13-6	
NEtFOSAA	**<0.00069**	ug/L	0.0017	0.00069	1	03/13/25 08:43	03/13/25 18:47	2991-50-6	
NEtFOSA	**<0.00053**	ug/L	0.0017	0.00053	1	03/13/25 08:43	03/13/25 18:47	4151-50-2	
NEtFOSE	**<0.0043**	ug/L	0.017	0.0043	1	03/13/25 08:43	03/13/25 18:47	1691-99-2	
NMeFOSAA	**<0.00052**	ug/L	0.0017	0.00052	1	03/13/25 08:43	03/13/25 18:47	2355-31-9	
NMeFOSA	**<0.00051**	ug/L	0.0017	0.00051	1	03/13/25 08:43	03/13/25 18:47	31506-32-8	
NMeFOSE	**<0.0043**	ug/L	0.017	0.0043	1	03/13/25 08:43	03/13/25 18:47	24448-09-7	
PFBS	**0.00071J**	ug/L	0.0017	0.00044	1	03/13/25 08:43	03/13/25 18:47	375-73-5	
PFDA	**<0.00052**	ug/L	0.0017	0.00052	1	03/13/25 08:43	03/13/25 18:47	335-76-2	
PFHxA	**<0.00040**	ug/L	0.0017	0.00040	1	03/13/25 08:43	03/13/25 18:47	307-24-4	
PFBA	**0.0047J**	ug/L	0.0067	0.0016	1	03/13/25 08:43	03/13/25 18:47	375-22-4	
PFDS	**<0.00071**	ug/L	0.0017	0.00071	1	03/13/25 08:43	03/13/25 18:47	335-77-3	
PFDoS	**<0.00036**	ug/L	0.0017	0.00036	1	03/13/25 08:43	03/13/25 18:47	79780-39-5	
PFHpS	**<0.00048**	ug/L	0.0017	0.00048	1	03/13/25 08:43	03/13/25 18:47	375-92-8	
PFNS	**<0.00049**	ug/L	0.0017	0.00049	1	03/13/25 08:43	03/13/25 18:47	68259-12-1	
PFOSA	**<0.00051**	ug/L	0.0017	0.00051	1	03/13/25 08:43	03/13/25 18:47	754-91-6	
PFPeA	**<0.00099**	ug/L	0.0033	0.00099	1	03/13/25 08:43	03/13/25 18:47	2706-90-3	
PFPeS	**<0.00039**	ug/L	0.0017	0.00039	1	03/13/25 08:43	03/13/25 18:47	2706-91-4	
PFDoA	**<0.00051**	ug/L	0.0017	0.00051	1	03/13/25 08:43	03/13/25 18:47	307-55-1	
PFHpA	**<0.00064**	ug/L	0.0017	0.00064	1	03/13/25 08:43	03/13/25 18:47	375-85-9	
PFHxS	**0.00070J**	ug/L	0.0017	0.00043	1	03/13/25 08:43	03/13/25 18:47	355-46-4	
PFNA	**<0.00054**	ug/L	0.0017	0.00054	1	03/13/25 08:43	03/13/25 18:47	375-95-1	
PFOS	**0.00048J**	ug/L	0.0017	0.00041	1	03/13/25 08:43	03/13/25 18:47	1763-23-1	
PFOA	**<0.00051**	ug/L	0.0017	0.00051	1	03/13/25 08:43	03/13/25 18:47	335-67-1	
PFTeDA	**<0.00043**	ug/L	0.0017	0.00043	1	03/13/25 08:43	03/13/25 18:47	376-06-7	
PFTrDA	**<0.00047**	ug/L	0.0017	0.00047	1	03/13/25 08:43	03/13/25 18:47	72629-94-8	
PFUnA	**<0.00037**	ug/L	0.0017	0.00037	1	03/13/25 08:43	03/13/25 18:47	2058-94-8	
Surrogates									
13C2-PFDoA (S)	56	%.	10-130		1	03/13/25 08:43	03/13/25 18:47		1M
13C3HFPO-DA (S)	60	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		
13C3-PFBS (S)	60	%.	40-135		1	03/13/25 08:43	03/13/25 18:47		
13C3-PFHxS (S)	62	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		
13C4-PFBA (S)	62	%.	5-130		1	03/13/25 08:43	03/13/25 18:47		
13C4-PFHpA (S)	59	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		
13C5-PFHxA (S)	61	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		
13C5-PFPeA (S)	60	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		
13C6-PFDA (S)	60	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		
13C8-PFOA (S)	64	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		
13C8-PFOS (S)	62	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW1-0-250304 **Lab ID: 10726385001** Collected: 03/04/25 14:05 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	36	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		S0
13C9-PFNA (S)	61	%.	40-130		1	03/13/25 08:43	03/13/25 18:47		
d3-MeFOSAA (S)	58	%.	40-170		1	03/13/25 08:43	03/13/25 18:47		
d3-NMeFOSA (S)	27	%.	10-130		1	03/13/25 08:43	03/13/25 18:47		
d5-EtFOSAA (S)	55	%.	25-135		1	03/13/25 08:43	03/13/25 18:47		
d5-NEtFOSA (S)	28	%.	10-130		1	03/13/25 08:43	03/13/25 18:47		
d7-NMeFOSE (S)	27	%.	10-130		1	03/13/25 08:43	03/13/25 18:47		
d9-NEtFOSE (S)	25	%.	10-130		1	03/13/25 08:43	03/13/25 18:47		
13C2-PFTA (S)	57	%.	10-130		1	03/13/25 08:43	03/13/25 18:47		
13C7-PFUdA (S)	61	%.	30-130		1	03/13/25 08:43	03/13/25 18:47		
13C24:2FTS (S)	128	%.	40-200		1	03/13/25 08:43	03/13/25 18:47		
13C26:2FTS (S)	159	%.	40-200		1	03/13/25 08:43	03/13/25 18:47		
13C28:2FTS (S)	180	%.	40-300		1	03/13/25 08:43	03/13/25 18:47		
13C3-PFPrA (S)	48	%.	5-130		1	03/13/25 08:43	03/13/25 18:47		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW2-0-250305 **Lab ID: 10726385002** Collected: 03/05/25 15:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0040**	ug/L	0.013	0.0040	1	03/13/25 08:43	03/13/25 18:56	763051-92-9	
4:2 FTS	**<0.0033**	ug/L	0.013	0.0033	1	03/13/25 08:43	03/13/25 18:56	757124-72-4	
6:2 FTS	**<0.0038**	ug/L	0.013	0.0038	1	03/13/25 08:43	03/13/25 18:56	27619-97-2	
8:2 FTS	**<0.0034**	ug/L	0.013	0.0034	1	03/13/25 08:43	03/13/25 18:56	39108-34-4	
9Cl-PF3ONS	**<0.0035**	ug/L	0.013	0.0035	1	03/13/25 08:43	03/13/25 18:56	756426-58-1	
ADONA	**<0.0039**	ug/L	0.013	0.0039	1	03/13/25 08:43	03/13/25 18:56	919005-14-4	
HFPO-DA	**<0.0037**	ug/L	0.013	0.0037	1	03/13/25 08:43	03/13/25 18:56	13252-13-6	
NEtFOSAA	**<0.0014**	ug/L	0.0033	0.0014	1	03/13/25 08:43	03/13/25 18:56	2991-50-6	
NEtFOSA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 18:56	4151-50-2	
NEtFOSE	**<0.0085**	ug/L	0.033	0.0085	1	03/13/25 08:43	03/13/25 18:56	1691-99-2	
NMeFOSAA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 18:56	2355-31-9	
NMeFOSA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 18:56	31506-32-8	
NMeFOSE	**<0.0085**	ug/L	0.033	0.0085	1	03/13/25 08:43	03/13/25 18:56	24448-09-7	
PFBS	**0.0020J**	ug/L	0.0033	0.00086	1	03/13/25 08:43	03/13/25 18:56	375-73-5	
PFDA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 18:56	335-76-2	
PFHxA	**0.0016J**	ug/L	0.0033	0.00079	1	03/13/25 08:43	03/13/25 18:56	307-24-4	
PFBA	**0.0080J**	ug/L	0.013	0.0032	1	03/13/25 08:43	03/13/25 18:56	375-22-4	
PFDS	**<0.0014**	ug/L	0.0033	0.0014	1	03/13/25 08:43	03/13/25 18:56	335-77-3	
PFDoS	**<0.00071**	ug/L	0.0033	0.00071	1	03/13/25 08:43	03/13/25 18:56	79780-39-5	
PFHpS	**0.0015J**	ug/L	0.0033	0.00096	1	03/13/25 08:43	03/13/25 18:56	375-92-8	
PFNS	**<0.00097**	ug/L	0.0033	0.00097	1	03/13/25 08:43	03/13/25 18:56	68259-12-1	
PFOSA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 18:56	754-91-6	
PFPeA	**<0.0020**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 18:56	2706-90-3	
PFPeS	**0.00098J**	ug/L	0.0033	0.00078	1	03/13/25 08:43	03/13/25 18:56	2706-91-4	
PFDoA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 18:56	307-55-1	
PFHpA	**<0.0013**	ug/L	0.0033	0.0013	1	03/13/25 08:43	03/13/25 18:56	375-85-9	
PFHxS	**0.013**	ug/L	0.0033	0.00084	1	03/13/25 08:43	03/13/25 18:56	355-46-4	
PFNA	**<0.0011**	ug/L	0.0033	0.0011	1	03/13/25 08:43	03/13/25 18:56	375-95-1	
PFOS	**0.0035**	ug/L	0.0033	0.00081	1	03/13/25 08:43	03/13/25 18:56	1763-23-1	
PFOA	**0.0011J**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 18:56	335-67-1	
PFTeDA	**<0.00085**	ug/L	0.0033	0.00085	1	03/13/25 08:43	03/13/25 18:56	376-06-7	
PFTrDA	**<0.00093**	ug/L	0.0033	0.00093	1	03/13/25 08:43	03/13/25 18:56	72629-94-8	
PFUnA	**<0.00073**	ug/L	0.0033	0.00073	1	03/13/25 08:43	03/13/25 18:56	2058-94-8	
Surrogates									
13C2-PFDoA (S)	72	%.	10-130		1	03/13/25 08:43	03/13/25 18:56		
13C3HFPO-DA (S)	72	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		
13C3-PFBS (S)	73	%.	40-135		1	03/13/25 08:43	03/13/25 18:56		
13C3-PFHxS (S)	75	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		
13C4-PFBA (S)	75	%.	5-130		1	03/13/25 08:43	03/13/25 18:56		
13C4-PFHpA (S)	75	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		
13C5-PFHxA (S)	77	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		
13C5-PFPeA (S)	76	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		
13C6-PFDA (S)	74	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		
13C8-PFOA (S)	78	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		
13C8-PFOS (S)	75	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW2-0-250305 **Lab ID: 10726385002** Collected: 03/05/25 15:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	43	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		
13C9-PFNA (S)	73	%.	40-130		1	03/13/25 08:43	03/13/25 18:56		
d3-MeFOSAA (S)	71	%.	40-170		1	03/13/25 08:43	03/13/25 18:56		
d3-NMeFOSA (S)	32	%.	10-130		1	03/13/25 08:43	03/13/25 18:56		
d5-EtFOSAA (S)	71	%.	25-135		1	03/13/25 08:43	03/13/25 18:56		
d5-NEtFOSA (S)	31	%.	10-130		1	03/13/25 08:43	03/13/25 18:56		
d7-NMeFOSE (S)	32	%.	10-130		1	03/13/25 08:43	03/13/25 18:56		
d9-NEtFOSE (S)	30	%.	10-130		1	03/13/25 08:43	03/13/25 18:56		
13C2-PFTA (S)	72	%.	10-130		1	03/13/25 08:43	03/13/25 18:56		
13C7-PFUdA (S)	75	%.	30-130		1	03/13/25 08:43	03/13/25 18:56		
13C24:2FTS (S)	158	%.	40-200		1	03/13/25 08:43	03/13/25 18:56		
13C26:2FTS (S)	198	%.	40-200		1	03/13/25 08:43	03/13/25 18:56		
13C28:2FTS (S)	221	%.	40-300		1	03/13/25 08:43	03/13/25 18:56		
13C3-PFPrA (S)	71	%.	5-130		1	03/13/25 08:43	03/13/25 18:56		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW3-0-250306 **Lab ID: 10726385003** Collected: 03/06/25 10:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0041**	ug/L	0.014	0.0041	1	03/13/25 08:43	03/13/25 19:05	763051-92-9	
4:2 FTS	**<0.0034**	ug/L	0.014	0.0034	1	03/13/25 08:43	03/13/25 19:05	757124-72-4	
6:2 FTS	**<0.0040**	ug/L	0.014	0.0040	1	03/13/25 08:43	03/13/25 19:05	27619-97-2	
8:2 FTS	**<0.0035**	ug/L	0.014	0.0035	1	03/13/25 08:43	03/13/25 19:05	39108-34-4	
9Cl-PF3ONS	**<0.0036**	ug/L	0.014	0.0036	1	03/13/25 08:43	03/13/25 19:05	756426-58-1	
ADONA	**<0.0040**	ug/L	0.014	0.0040	1	03/13/25 08:43	03/13/25 19:05	919005-14-4	
HFPO-DA	**<0.0038**	ug/L	0.014	0.0038	1	03/13/25 08:43	03/13/25 19:05	13252-13-6	
NEtFOSAA	**<0.0014**	ug/L	0.0034	0.0014	1	03/13/25 08:43	03/13/25 19:05	2991-50-6	
NEtFOSA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 19:05	4151-50-2	
NEtFOSE	**<0.0088**	ug/L	0.034	0.0088	1	03/13/25 08:43	03/13/25 19:05	1691-99-2	
NMeFOSAA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 19:05	2355-31-9	
NMeFOSA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 19:05	31506-32-8	
NMeFOSE	**<0.0088**	ug/L	0.034	0.0088	1	03/13/25 08:43	03/13/25 19:05	24448-09-7	
PFBS	**0.0075**	ug/L	0.0034	0.00090	1	03/13/25 08:43	03/13/25 19:05	375-73-5	
PFDA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 19:05	335-76-2	
PFHxA	**0.019**	ug/L	0.0034	0.00082	1	03/13/25 08:43	03/13/25 19:05	307-24-4	
PFBA	**0.0093J**	ug/L	0.014	0.0033	1	03/13/25 08:43	03/13/25 19:05	375-22-4	
PFDS	**<0.0015**	ug/L	0.0034	0.0015	1	03/13/25 08:43	03/13/25 19:05	335-77-3	
PFDoS	**<0.00074**	ug/L	0.0034	0.00074	1	03/13/25 08:43	03/13/25 19:05	79780-39-5	
PFHpS	**0.026**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:05	375-92-8	
PFNS	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:05	68259-12-1	
PFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:05	754-91-6	
PFPeA	**0.0044J**	ug/L	0.0068	0.0020	1	03/13/25 08:43	03/13/25 19:05	2706-90-3	
PFPeS	**0.013**	ug/L	0.0034	0.00081	1	03/13/25 08:43	03/13/25 19:05	2706-91-4	
PFDoA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:05	307-55-1	
PFHpA	**0.0034J**	ug/L	0.0034	0.0013	1	03/13/25 08:43	03/13/25 19:05	375-85-9	
PFHxS	**0.42**	ug/L	0.0034	0.00088	1	03/13/25 08:43	03/13/25 19:05	355-46-4	
PFNA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 19:05	375-95-1	
PFOS	**0.96**	ug/L	0.0034	0.00084	1	03/13/25 08:43	03/13/25 19:05	1763-23-1	
PFOA	**0.30**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:05	335-67-1	
PFTeDA	**<0.00088**	ug/L	0.0034	0.00088	1	03/13/25 08:43	03/13/25 19:05	376-06-7	
PFTrDA	**<0.00097**	ug/L	0.0034	0.00097	1	03/13/25 08:43	03/13/25 19:05	72629-94-8	
PFUnA	**<0.00076**	ug/L	0.0034	0.00076	1	03/13/25 08:43	03/13/25 19:05	2058-94-8	
Surrogates									
13C2-PFDoA (S)	84	%.	10-130		1	03/13/25 08:43	03/13/25 19:05		1M
13C3HFPO-DA (S)	77	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		
13C3-PFBS (S)	81	%.	40-135		1	03/13/25 08:43	03/13/25 19:05		
13C3-PFHxS (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		
13C4-PFBA (S)	83	%.	5-130		1	03/13/25 08:43	03/13/25 19:05		
13C4-PFHpA (S)	83	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		
13C5-PFHxA (S)	83	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		
13C5-PFPeA (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		
13C6-PFDA (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		
13C8-PFOA (S)	90	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		
13C8-PFOS (S)	88	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW3-0-250306 **Lab ID: 10726385003** Collected: 03/06/25 10:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	54	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		
13C9-PFNA (S)	87	%.	40-130		1	03/13/25 08:43	03/13/25 19:05		
d3-MeFOSAA (S)	77	%.	40-170		1	03/13/25 08:43	03/13/25 19:05		
d3-NMeFOSA (S)	55	%.	10-130		1	03/13/25 08:43	03/13/25 19:05		
d5-EtFOSAA (S)	78	%.	25-135		1	03/13/25 08:43	03/13/25 19:05		
d5-NEtFOSA (S)	55	%.	10-130		1	03/13/25 08:43	03/13/25 19:05		
d7-NMeFOSE (S)	61	%.	10-130		1	03/13/25 08:43	03/13/25 19:05		
d9-NEtFOSE (S)	67	%.	10-130		1	03/13/25 08:43	03/13/25 19:05		
13C2-PFTA (S)	81	%.	10-130		1	03/13/25 08:43	03/13/25 19:05		
13C7-PFUdA (S)	92	%.	30-130		1	03/13/25 08:43	03/13/25 19:05		
13C24:2FTS (S)	148	%.	40-200		1	03/13/25 08:43	03/13/25 19:05		
13C26:2FTS (S)	254	%.	40-200		1	03/13/25 08:43	03/13/25 19:05		S0
13C28:2FTS (S)	276	%.	40-300		1	03/13/25 08:43	03/13/25 19:05		
13C3-PFPrA (S)	78	%.	5-130		1	03/13/25 08:43	03/13/25 19:05		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW3-DB-250306 **Lab ID: 10726385004** Collected: 03/06/25 11:00 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0041**	ug/L	0.013	0.0041	1	03/13/25 08:43	03/13/25 19:14	763051-92-9	
4:2 FTS	**<0.0034**	ug/L	0.013	0.0034	1	03/13/25 08:43	03/13/25 19:14	757124-72-4	
6:2 FTS	**<0.0039**	ug/L	0.013	0.0039	1	03/13/25 08:43	03/13/25 19:14	27619-97-2	
8:2 FTS	**<0.0035**	ug/L	0.013	0.0035	1	03/13/25 08:43	03/13/25 19:14	39108-34-4	
9Cl-PF3ONS	**<0.0036**	ug/L	0.013	0.0036	1	03/13/25 08:43	03/13/25 19:14	756426-58-1	
ADONA	**<0.0040**	ug/L	0.013	0.0040	1	03/13/25 08:43	03/13/25 19:14	919005-14-4	
HFPO-DA	**<0.0038**	ug/L	0.013	0.0038	1	03/13/25 08:43	03/13/25 19:14	13252-13-6	
NEtFOSAA	**<0.0014**	ug/L	0.0034	0.0014	1	03/13/25 08:43	03/13/25 19:14	2991-50-6	
NEtFOSA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 19:14	4151-50-2	
NEtFOSE	**<0.0087**	ug/L	0.034	0.0087	1	03/13/25 08:43	03/13/25 19:14	1691-99-2	
NMeFOSAA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 19:14	2355-31-9	
NMeFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:14	31506-32-8	
NMeFOSE	**<0.0087**	ug/L	0.034	0.0087	1	03/13/25 08:43	03/13/25 19:14	24448-09-7	
PFBS	**0.0071**	ug/L	0.0034	0.00089	1	03/13/25 08:43	03/13/25 19:14	375-73-5	
PFDA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:14	335-76-2	
PFHxA	**0.019**	ug/L	0.0034	0.00081	1	03/13/25 08:43	03/13/25 19:14	307-24-4	
PFBA	**0.0086J**	ug/L	0.013	0.0033	1	03/13/25 08:43	03/13/25 19:14	375-22-4	
PFDS	**<0.0015**	ug/L	0.0034	0.0015	1	03/13/25 08:43	03/13/25 19:14	335-77-3	
PFDoS	**<0.00073**	ug/L	0.0034	0.00073	1	03/13/25 08:43	03/13/25 19:14	79780-39-5	
PFHpS	**0.022**	ug/L	0.0034	0.00098	1	03/13/25 08:43	03/13/25 19:14	375-92-8	
PFNS	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:14	68259-12-1	
PFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:14	754-91-6	
PFPeA	**0.0047J**	ug/L	0.0067	0.0020	1	03/13/25 08:43	03/13/25 19:14	2706-90-3	
PFPeS	**0.012**	ug/L	0.0034	0.00080	1	03/13/25 08:43	03/13/25 19:14	2706-91-4	
PFDoA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:14	307-55-1	
PFHpA	**0.0032J**	ug/L	0.0034	0.0013	1	03/13/25 08:43	03/13/25 19:14	375-85-9	
PFHxS	**0.39**	ug/L	0.0034	0.00086	1	03/13/25 08:43	03/13/25 19:14	355-46-4	
PFNA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 19:14	375-95-1	
PFOS	**0.87**	ug/L	0.0034	0.00083	1	03/13/25 08:43	03/13/25 19:14	1763-23-1	
PFOA	**0.28**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 19:14	335-67-1	
PFTeDA	**<0.00087**	ug/L	0.0034	0.00087	1	03/13/25 08:43	03/13/25 19:14	376-06-7	
PFTrDA	**<0.00096**	ug/L	0.0034	0.00096	1	03/13/25 08:43	03/13/25 19:14	72629-94-8	
PFUnA	**<0.00075**	ug/L	0.0034	0.00075	1	03/13/25 08:43	03/13/25 19:14	2058-94-8	
Surrogates									
13C2-PFDoA (S)	83	%.	10-130		1	03/13/25 08:43	03/13/25 19:14		1M
13C3HFPO-DA (S)	77	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		
13C3-PFBS (S)	82	%.	40-135		1	03/13/25 08:43	03/13/25 19:14		
13C3-PFHxS (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		
13C4-PFBA (S)	86	%.	5-130		1	03/13/25 08:43	03/13/25 19:14		
13C4-PFHpA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		
13C5-PFHxA (S)	83	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		
13C5-PFPeA (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		
13C6-PFDA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		
13C8-PFOA (S)	90	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		
13C8-PFOS (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW3-DB-250306 **Lab ID: 10726385004** Collected: 03/06/25 11:00 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	52	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		
13C9-PFNA (S)	90	%.	40-130		1	03/13/25 08:43	03/13/25 19:14		
d3-MeFOSAA (S)	76	%.	40-170		1	03/13/25 08:43	03/13/25 19:14		
d3-NMeFOSA (S)	56	%.	10-130		1	03/13/25 08:43	03/13/25 19:14		
d5-EtFOSAA (S)	76	%.	25-135		1	03/13/25 08:43	03/13/25 19:14		
d5-NEtFOSA (S)	56	%.	10-130		1	03/13/25 08:43	03/13/25 19:14		
d7-NMeFOSE (S)	61	%.	10-130		1	03/13/25 08:43	03/13/25 19:14		
d9-NEtFOSE (S)	65	%.	10-130		1	03/13/25 08:43	03/13/25 19:14		
13C2-PFTA (S)	79	%.	10-130		1	03/13/25 08:43	03/13/25 19:14		
13C7-PFUdA (S)	95	%.	30-130		1	03/13/25 08:43	03/13/25 19:14		
13C24:2FTS (S)	161	%.	40-200		1	03/13/25 08:43	03/13/25 19:14		
13C26:2FTS (S)	255	%.	40-200		1	03/13/25 08:43	03/13/25 19:14		S0
13C28:2FTS (S)	270	%.	40-300		1	03/13/25 08:43	03/13/25 19:14		
13C3-PFPrA (S)	76	%.	5-130		1	03/13/25 08:43	03/13/25 19:14		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW4-0-250304 **Lab ID: 10726385005** Collected: 03/04/25 16:10 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0021**	ug/L	0.0069	0.0021	1	03/13/25 08:43	03/13/25 19:23	763051-92-9	
4:2 FTS	**<0.0017**	ug/L	0.0069	0.0017	1	03/13/25 08:43	03/13/25 19:23	757124-72-4	
6:2 FTS	**<0.0020**	ug/L	0.0069	0.0020	1	03/13/25 08:43	03/13/25 19:23	27619-97-2	
8:2 FTS	**<0.0018**	ug/L	0.0069	0.0018	1	03/13/25 08:43	03/13/25 19:23	39108-34-4	
9Cl-PF3ONS	**<0.0018**	ug/L	0.0069	0.0018	1	03/13/25 08:43	03/13/25 19:23	756426-58-1	
ADONA	**<0.0020**	ug/L	0.0069	0.0020	1	03/13/25 08:43	03/13/25 19:23	919005-14-4	
HFPO-DA	**<0.0019**	ug/L	0.0069	0.0019	1	03/13/25 08:43	03/13/25 19:23	13252-13-6	
NEtFOSAA	**<0.00072**	ug/L	0.0017	0.00072	1	03/13/25 08:43	03/13/25 19:23	2991-50-6	
NEtFOSA	**<0.00055**	ug/L	0.0017	0.00055	1	03/13/25 08:43	03/13/25 19:23	4151-50-2	
NEtFOSE	**<0.0045**	ug/L	0.017	0.0045	1	03/13/25 08:43	03/13/25 19:23	1691-99-2	
NMeFOSAA	**<0.00054**	ug/L	0.0017	0.00054	1	03/13/25 08:43	03/13/25 19:23	2355-31-9	
NMeFOSA	**<0.00054**	ug/L	0.0017	0.00054	1	03/13/25 08:43	03/13/25 19:23	31506-32-8	
NMeFOSE	**<0.0045**	ug/L	0.017	0.0045	1	03/13/25 08:43	03/13/25 19:23	24448-09-7	
PFBS	**0.019**	ug/L	0.0017	0.00046	1	03/13/25 08:43	03/13/25 19:23	375-73-5	
PFDA	**<0.00054**	ug/L	0.0017	0.00054	1	03/13/25 08:43	03/13/25 19:23	335-76-2	
PFHxA	**0.073**	ug/L	0.0017	0.00042	1	03/13/25 08:43	03/13/25 19:23	307-24-4	
PFBA	**0.020**	ug/L	0.0069	0.0017	1	03/13/25 08:43	03/13/25 19:23	375-22-4	
PFDS	**<0.00075**	ug/L	0.0017	0.00075	1	03/13/25 08:43	03/13/25 19:23	335-77-3	
PFDoS	**<0.00037**	ug/L	0.0017	0.00037	1	03/13/25 08:43	03/13/25 19:23	79780-39-5	
PFHpS	**0.12**	ug/L	0.0017	0.00051	1	03/13/25 08:43	03/13/25 19:23	375-92-8	
PFNS	**<0.00051**	ug/L	0.0017	0.00051	1	03/13/25 08:43	03/13/25 19:23	68259-12-1	
PFOSA	**<0.00053**	ug/L	0.0017	0.00053	1	03/13/25 08:43	03/13/25 19:23	754-91-6	
PFPeA	**0.017**	ug/L	0.0035	0.0010	1	03/13/25 08:43	03/13/25 19:23	2706-90-3	
PFPeS	**0.074**	ug/L	0.0017	0.00041	1	03/13/25 08:43	03/13/25 19:23	2706-91-4	
PFDoA	**<0.00053**	ug/L	0.0017	0.00053	1	03/13/25 08:43	03/13/25 19:23	307-55-1	
PFHpA	**0.014**	ug/L	0.0017	0.00067	1	03/13/25 08:43	03/13/25 19:23	375-85-9	
PFHxS	**1.3**	ug/L	0.017	0.0045	10	03/13/25 08:43	03/17/25 15:30	355-46-4	
PFNA	**0.0013J**	ug/L	0.0017	0.00057	1	03/13/25 08:43	03/13/25 19:23	375-95-1	
PFOS	**2.7**	ug/L	0.017	0.0043	10	03/13/25 08:43	03/17/25 15:30	1763-23-1	
PFOA	**0.23**	ug/L	0.0017	0.00053	1	03/13/25 08:43	03/13/25 19:23	335-67-1	
PFTeDA	**<0.00045**	ug/L	0.0017	0.00045	1	03/13/25 08:43	03/13/25 19:23	376-06-7	
PFTrDA	**<0.00049**	ug/L	0.0017	0.00049	1	03/13/25 08:43	03/13/25 19:23	72629-94-8	
PFUnA	**<0.00039**	ug/L	0.0017	0.00039	1	03/13/25 08:43	03/13/25 19:23	2058-94-8	
Surrogates									
13C2-PFDoA (S)	90	%.	10-130		1	03/13/25 08:43	03/13/25 19:23		1M
13C3HFPO-DA (S)	77	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		
13C3-PFBS (S)	90	%.	40-135		1	03/13/25 08:43	03/13/25 19:23		
13C3-PFHxS (S)	86	%.	40-130		10	03/13/25 08:43	03/17/25 15:30		
13C3-PFHxS (S)	76	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		
13C4-PFBA (S)	80	%.	5-130		1	03/13/25 08:43	03/13/25 19:23		
13C4-PFHpA (S)	79	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		
13C5-PFHxA (S)	80	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		
13C5-PFPeA (S)	79	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		
13C6-PFDA (S)	78	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		
13C8-PFOA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		

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1700 Elm Street
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(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW4-0-250304 **Lab ID: 10726385005** Collected: 03/04/25 16:10 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOS (S)	75	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		
13C8-PFOS (S)	80	%.	40-130		10	03/13/25 08:43	03/17/25 15:30		
13C8-PFOSA (S)	62	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		
13C9-PFNA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 19:23		
d3-MeFOSAA (S)	83	%.	40-170		1	03/13/25 08:43	03/13/25 19:23		
d3-NMeFOSA (S)	49	%.	10-130		1	03/13/25 08:43	03/13/25 19:23		
d5-EtFOSAA (S)	87	%.	25-135		1	03/13/25 08:43	03/13/25 19:23		
d5-NEtFOSA (S)	45	%.	10-130		1	03/13/25 08:43	03/13/25 19:23		
d7-NMeFOSE (S)	49	%.	10-130		1	03/13/25 08:43	03/13/25 19:23		
d9-NEtFOSE (S)	45	%.	10-130		1	03/13/25 08:43	03/13/25 19:23		
13C2-PFTA (S)	90	%.	10-130		1	03/13/25 08:43	03/13/25 19:23		
13C7-PFUdA (S)	95	%.	30-130		1	03/13/25 08:43	03/13/25 19:23		
13C24:2FTS (S)	179	%.	40-200		1	03/13/25 08:43	03/13/25 19:23		
13C26:2FTS (S)	231	%.	40-200		1	03/13/25 08:43	03/13/25 19:23		S0
13C28:2FTS (S)	265	%.	40-300		1	03/13/25 08:43	03/13/25 19:23		
13C3-PFPrA (S)	66	%.	5-130		1	03/13/25 08:43	03/13/25 19:23		

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Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW4D-0-250304 **Lab ID: 10726385006** Collected: 03/04/25 15:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0043**	ug/L	0.014	0.0043	1	03/13/25 08:43	03/13/25 19:32	763051-92-9	
4:2 FTS	**<0.0035**	ug/L	0.014	0.0035	1	03/13/25 08:43	03/13/25 19:32	757124-72-4	
6:2 FTS	**<0.0041**	ug/L	0.014	0.0041	1	03/13/25 08:43	03/13/25 19:32	27619-97-2	
8:2 FTS	**<0.0036**	ug/L	0.014	0.0036	1	03/13/25 08:43	03/13/25 19:32	39108-34-4	
9Cl-PF3ONS	**<0.0037**	ug/L	0.014	0.0037	1	03/13/25 08:43	03/13/25 19:32	756426-58-1	
ADONA	**<0.0041**	ug/L	0.014	0.0041	1	03/13/25 08:43	03/13/25 19:32	919005-14-4	
HFPO-DA	**<0.0039**	ug/L	0.014	0.0039	1	03/13/25 08:43	03/13/25 19:32	13252-13-6	
NEtFOSAA	**<0.0015**	ug/L	0.0035	0.0015	1	03/13/25 08:43	03/13/25 19:32	2991-50-6	
NEtFOSA	**<0.0011**	ug/L	0.0035	0.0011	1	03/13/25 08:43	03/13/25 19:32	4151-50-2	
NEtFOSE	**<0.0091**	ug/L	0.035	0.0091	1	03/13/25 08:43	03/13/25 19:32	1691-99-2	
NMeFOSAA	**<0.0011**	ug/L	0.0035	0.0011	1	03/13/25 08:43	03/13/25 19:32	2355-31-9	
NMeFOSA	**<0.0011**	ug/L	0.0035	0.0011	1	03/13/25 08:43	03/13/25 19:32	31506-32-8	
NMeFOSE	**<0.0090**	ug/L	0.035	0.0090	1	03/13/25 08:43	03/13/25 19:32	24448-09-7	
PFBS	**<0.00092**	ug/L	0.0035	0.00092	1	03/13/25 08:43	03/13/25 19:32	375-73-5	
PFDA	**<0.0011**	ug/L	0.0035	0.0011	1	03/13/25 08:43	03/13/25 19:32	335-76-2	
PFHxA	**<0.00084**	ug/L	0.0035	0.00084	1	03/13/25 08:43	03/13/25 19:32	307-24-4	
PFBA	**<0.0034**	ug/L	0.014	0.0034	1	03/13/25 08:43	03/13/25 19:32	375-22-4	
PFDS	**<0.0015**	ug/L	0.0035	0.0015	1	03/13/25 08:43	03/13/25 19:32	335-77-3	
PFDoS	**<0.00076**	ug/L	0.0035	0.00076	1	03/13/25 08:43	03/13/25 19:32	79780-39-5	
PFHpS	**<0.0010**	ug/L	0.0035	0.0010	1	03/13/25 08:43	03/13/25 19:32	375-92-8	
PFNS	**<0.0010**	ug/L	0.0035	0.0010	1	03/13/25 08:43	03/13/25 19:32	68259-12-1	
PFOSA	**<0.0011**	ug/L	0.0035	0.0011	1	03/13/25 08:43	03/13/25 19:32	754-91-6	
PFPeA	**<0.0021**	ug/L	0.0070	0.0021	1	03/13/25 08:43	03/13/25 19:32	2706-90-3	
PFPeS	**<0.00083**	ug/L	0.0035	0.00083	1	03/13/25 08:43	03/13/25 19:32	2706-91-4	
PFDoA	**<0.0011**	ug/L	0.0035	0.0011	1	03/13/25 08:43	03/13/25 19:32	307-55-1	
PFHpA	**<0.0013**	ug/L	0.0035	0.0013	1	03/13/25 08:43	03/13/25 19:32	375-85-9	
PFHxS	**<0.00090**	ug/L	0.0035	0.00090	1	03/13/25 08:43	03/13/25 19:32	355-46-4	
PFNA	**0.0012J**	ug/L	0.0035	0.0011	1	03/13/25 08:43	03/13/25 19:32	375-95-1	
PFOS	**<0.00086**	ug/L	0.0035	0.00086	1	03/13/25 08:43	03/13/25 19:32	1763-23-1	
PFOA	**0.0021J**	ug/L	0.0035	0.0011	1	03/13/25 08:43	03/13/25 19:32	335-67-1	
PFTeDA	**<0.00091**	ug/L	0.0035	0.00091	1	03/13/25 08:43	03/13/25 19:32	376-06-7	
PFTrDA	**<0.00099**	ug/L	0.0035	0.00099	1	03/13/25 08:43	03/13/25 19:32	72629-94-8	
PFUnA	**<0.00078**	ug/L	0.0035	0.00078	1	03/13/25 08:43	03/13/25 19:32	2058-94-8	
Surrogates									
13C2-PFDoA (S)	34	%.	10-130		1	03/13/25 08:43	03/13/25 19:32		1M
13C3HFPO-DA (S)	32	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0
13C3-PFBS (S)	31	%.	40-135		1	03/13/25 08:43	03/13/25 19:32		S0
13C3-PFHxS (S)	31	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0
13C4-PFBA (S)	32	%.	5-130		1	03/13/25 08:43	03/13/25 19:32		
13C4-PFHpA (S)	30	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0
13C5-PFHxA (S)	32	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0
13C5-PFPeA (S)	30	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0
13C6-PFDA (S)	27	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0
13C8-PFOA (S)	30	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0
13C8-PFOS (S)	29	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW4D-0-250304 **Lab ID: 10726385006** Collected: 03/04/25 15:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	16	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0
13C9-PFNA (S)	29	%.	40-130		1	03/13/25 08:43	03/13/25 19:32		S0
d3-MeFOSAA (S)	26	%.	40-170		1	03/13/25 08:43	03/13/25 19:32		S0
d3-NMeFOSA (S)	11	%.	10-130		1	03/13/25 08:43	03/13/25 19:32		
d5-EtFOSAA (S)	29	%.	25-135		1	03/13/25 08:43	03/13/25 19:32		
d5-NEtFOSA (S)	11	%.	10-130		1	03/13/25 08:43	03/13/25 19:32		
d7-NMeFOSE (S)	13	%.	10-130		1	03/13/25 08:43	03/13/25 19:32		
d9-NEtFOSE (S)	13	%.	10-130		1	03/13/25 08:43	03/13/25 19:32		
13C2-PFTA (S)	37	%.	10-130		1	03/13/25 08:43	03/13/25 19:32		
13C7-PFUdA (S)	31	%.	30-130		1	03/13/25 08:43	03/13/25 19:32		
13C24:2FTS (S)	30	%.	40-200		1	03/13/25 08:43	03/13/25 19:32		S0
13C26:2FTS (S)	52	%.	40-200		1	03/13/25 08:43	03/13/25 19:32		
13C28:2FTS (S)	61	%.	40-300		1	03/13/25 08:43	03/13/25 19:32		
13C3-PFPrA (S)	28	%.	5-130		1	03/13/25 08:43	03/13/25 19:32		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW5-0-250305 **Lab ID: 10726385007** Collected: 03/05/25 12:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0019**	ug/L	0.0063	0.0019	1	03/13/25 08:43	03/13/25 19:42	763051-92-9	
4:2 FTS	**<0.0016**	ug/L	0.0063	0.0016	1	03/13/25 08:43	03/13/25 19:42	757124-72-4	
6:2 FTS	**<0.0018**	ug/L	0.0063	0.0018	1	03/13/25 08:43	03/13/25 19:42	27619-97-2	
8:2 FTS	**<0.0016**	ug/L	0.0063	0.0016	1	03/13/25 08:43	03/13/25 19:42	39108-34-4	
9Cl-PF3ONS	**<0.0017**	ug/L	0.0063	0.0017	1	03/13/25 08:43	03/13/25 19:42	756426-58-1	
ADONA	**<0.0019**	ug/L	0.0063	0.0019	1	03/13/25 08:43	03/13/25 19:42	919005-14-4	
HFPO-DA	**<0.0018**	ug/L	0.0063	0.0018	1	03/13/25 08:43	03/13/25 19:42	13252-13-6	
NEtFOSAA	**<0.00066**	ug/L	0.0016	0.00066	1	03/13/25 08:43	03/13/25 19:42	2991-50-6	
NEtFOSA	**<0.00050**	ug/L	0.0016	0.00050	1	03/13/25 08:43	03/13/25 19:42	4151-50-2	
NEtFOSE	**<0.0041**	ug/L	0.016	0.0041	1	03/13/25 08:43	03/13/25 19:42	1691-99-2	
NMeFOSAA	**<0.00049**	ug/L	0.0016	0.00049	1	03/13/25 08:43	03/13/25 19:42	2355-31-9	
NMeFOSA	**<0.00049**	ug/L	0.0016	0.00049	1	03/13/25 08:43	03/13/25 19:42	31506-32-8	
NMeFOSE	**<0.0041**	ug/L	0.016	0.0041	1	03/13/25 08:43	03/13/25 19:42	24448-09-7	
PFBS	**0.0030**	ug/L	0.0016	0.00042	1	03/13/25 08:43	03/13/25 19:42	375-73-5	
PFDA	**<0.00049**	ug/L	0.0016	0.00049	1	03/13/25 08:43	03/13/25 19:42	335-76-2	
PFHxA	**0.0035**	ug/L	0.0016	0.00038	1	03/13/25 08:43	03/13/25 19:42	307-24-4	
PFBA	**0.0082**	ug/L	0.0063	0.0015	1	03/13/25 08:43	03/13/25 19:42	375-22-4	
PFDS	**<0.00068**	ug/L	0.0016	0.00068	1	03/13/25 08:43	03/13/25 19:42	335-77-3	
PFDoS	**<0.00034**	ug/L	0.0016	0.00034	1	03/13/25 08:43	03/13/25 19:42	79780-39-5	
PFHpS	**<0.00046**	ug/L	0.0016	0.00046	1	03/13/25 08:43	03/13/25 19:42	375-92-8	
PFNS	**<0.00047**	ug/L	0.0016	0.00047	1	03/13/25 08:43	03/13/25 19:42	68259-12-1	
PFOSA	**<0.00048**	ug/L	0.0016	0.00048	1	03/13/25 08:43	03/13/25 19:42	754-91-6	
PFPeA	**0.0022J**	ug/L	0.0032	0.00094	1	03/13/25 08:43	03/13/25 19:42	2706-90-3	
PFPeS	**0.0023**	ug/L	0.0016	0.00037	1	03/13/25 08:43	03/13/25 19:42	2706-91-4	
PFDoA	**<0.00048**	ug/L	0.0016	0.00048	1	03/13/25 08:43	03/13/25 19:42	307-55-1	
PFHpA	**0.00063J**	ug/L	0.0016	0.00061	1	03/13/25 08:43	03/13/25 19:42	375-85-9	
PFHxS	**0.047**	ug/L	0.0016	0.00041	1	03/13/25 08:43	03/13/25 19:42	355-46-4	
PFNA	**<0.00052**	ug/L	0.0016	0.00052	1	03/13/25 08:43	03/13/25 19:42	375-95-1	
PFOS	**0.019**	ug/L	0.0016	0.00039	1	03/13/25 08:43	03/13/25 19:42	1763-23-1	
PFOA	**0.0063**	ug/L	0.0016	0.00048	1	03/13/25 08:43	03/13/25 19:42	335-67-1	
PFTeDA	**<0.00041**	ug/L	0.0016	0.00041	1	03/13/25 08:43	03/13/25 19:42	376-06-7	
PFTrDA	**<0.00045**	ug/L	0.0016	0.00045	1	03/13/25 08:43	03/13/25 19:42	72629-94-8	
PFUnA	**<0.00035**	ug/L	0.0016	0.00035	1	03/13/25 08:43	03/13/25 19:42	2058-94-8	
Surrogates									
13C2-PFDoA (S)	84	%.	10-130		1	03/13/25 08:43	03/13/25 19:42		1M
13C3HFPO-DA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		
13C3-PFBS (S)	89	%.	40-135		1	03/13/25 08:43	03/13/25 19:42		
13C3-PFHxS (S)	92	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		
13C4-PFBA (S)	94	%.	5-130		1	03/13/25 08:43	03/13/25 19:42		
13C4-PFHpA (S)	88	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		
13C5-PFHxA (S)	90	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		
13C5-PFPeA (S)	90	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		
13C6-PFDA (S)	93	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		
13C8-PFOA (S)	99	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		
13C8-PFOS (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW5-0-250305 **Lab ID: 10726385007** Collected: 03/05/25 12:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	52	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		
13C9-PFNA (S)	95	%.	40-130		1	03/13/25 08:43	03/13/25 19:42		
d3-MeFOSAA (S)	79	%.	40-170		1	03/13/25 08:43	03/13/25 19:42		
d3-NMeFOSA (S)	42	%.	10-130		1	03/13/25 08:43	03/13/25 19:42		
d5-EtFOSAA (S)	76	%.	25-135		1	03/13/25 08:43	03/13/25 19:42		
d5-NEtFOSA (S)	40	%.	10-130		1	03/13/25 08:43	03/13/25 19:42		
d7-NMeFOSE (S)	39	%.	10-130		1	03/13/25 08:43	03/13/25 19:42		
d9-NEtFOSE (S)	37	%.	10-130		1	03/13/25 08:43	03/13/25 19:42		
13C2-PFTA (S)	85	%.	10-130		1	03/13/25 08:43	03/13/25 19:42		
13C7-PFUdA (S)	95	%.	30-130		1	03/13/25 08:43	03/13/25 19:42		
13C24:2FTS (S)	154	%.	40-200		1	03/13/25 08:43	03/13/25 19:42		
13C26:2FTS (S)	215	%.	40-200		1	03/13/25 08:43	03/13/25 19:42		S0
13C28:2FTS (S)	249	%.	40-300		1	03/13/25 08:43	03/13/25 19:42		
13C3-PFPrA (S)	68	%.	5-130		1	03/13/25 08:43	03/13/25 19:42		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW5D-0-250305 **Lab ID: 10726385008** Collected: 03/05/25 12:50 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0076**	ug/L	0.025	0.0076	1	03/13/25 08:43	03/13/25 19:51	763051-92-9	
4:2 FTS	**<0.0063**	ug/L	0.025	0.0063	1	03/13/25 08:43	03/13/25 19:51	757124-72-4	
6:2 FTS	**<0.0073**	ug/L	0.025	0.0073	1	03/13/25 08:43	03/13/25 19:51	27619-97-2	
8:2 FTS	**<0.0065**	ug/L	0.025	0.0065	1	03/13/25 08:43	03/13/25 19:51	39108-34-4	
9Cl-PF3ONS	**<0.0067**	ug/L	0.025	0.0067	1	03/13/25 08:43	03/13/25 19:51	756426-58-1	
ADONA	**<0.0074**	ug/L	0.025	0.0074	1	03/13/25 08:43	03/13/25 19:51	919005-14-4	
HFPO-DA	**<0.0071**	ug/L	0.025	0.0071	1	03/13/25 08:43	03/13/25 19:51	13252-13-6	
NEtFOSAA	**<0.0026**	ug/L	0.0063	0.0026	1	03/13/25 08:43	03/13/25 19:51	2991-50-6	
NEtFOSA	**<0.0020**	ug/L	0.0063	0.0020	1	03/13/25 08:43	03/13/25 19:51	4151-50-2	
NEtFOSE	**<0.016**	ug/L	0.063	0.016	1	03/13/25 08:43	03/13/25 19:51	1691-99-2	
NMeFOSAA	**<0.0020**	ug/L	0.0063	0.0020	1	03/13/25 08:43	03/13/25 19:51	2355-31-9	
NMeFOSA	**<0.0019**	ug/L	0.0063	0.0019	1	03/13/25 08:43	03/13/25 19:51	31506-32-8	
NMeFOSE	**<0.016**	ug/L	0.063	0.016	1	03/13/25 08:43	03/13/25 19:51	24448-09-7	
PFBS	**<0.0017**	ug/L	0.0063	0.0017	1	03/13/25 08:43	03/13/25 19:51	375-73-5	
PFDA	**<0.0020**	ug/L	0.0063	0.0020	1	03/13/25 08:43	03/13/25 19:51	335-76-2	
PFHxA	**<0.0015**	ug/L	0.0063	0.0015	1	03/13/25 08:43	03/13/25 19:51	307-24-4	
PFBA	**<0.0061**	ug/L	0.025	0.0061	1	03/13/25 08:43	03/13/25 19:51	375-22-4	
PFDS	**<0.0027**	ug/L	0.0063	0.0027	1	03/13/25 08:43	03/13/25 19:51	335-77-3	
PFDoS	**<0.0014**	ug/L	0.0063	0.0014	1	03/13/25 08:43	03/13/25 19:51	79780-39-5	
PFHpS	**<0.0018**	ug/L	0.0063	0.0018	1	03/13/25 08:43	03/13/25 19:51	375-92-8	
PFNS	**<0.0019**	ug/L	0.0063	0.0019	1	03/13/25 08:43	03/13/25 19:51	68259-12-1	
PFOSA	**<0.0019**	ug/L	0.0063	0.0019	1	03/13/25 08:43	03/13/25 19:51	754-91-6	
PFPeA	**<0.0038**	ug/L	0.013	0.0038	1	03/13/25 08:43	03/13/25 19:51	2706-90-3	
PFPeS	**<0.0015**	ug/L	0.0063	0.0015	1	03/13/25 08:43	03/13/25 19:51	2706-91-4	
PFDoA	**<0.0019**	ug/L	0.0063	0.0019	1	03/13/25 08:43	03/13/25 19:51	307-55-1	
PFHpA	**<0.0024**	ug/L	0.0063	0.0024	1	03/13/25 08:43	03/13/25 19:51	375-85-9	
PFHxS	**<0.0016**	ug/L	0.0063	0.0016	1	03/13/25 08:43	03/13/25 19:51	355-46-4	
PFNA	**<0.0021**	ug/L	0.0063	0.0021	1	03/13/25 08:43	03/13/25 19:51	375-95-1	
PFOS	**<0.0015**	ug/L	0.0063	0.0015	1	03/13/25 08:43	03/13/25 19:51	1763-23-1	
PFOA	**<0.0019**	ug/L	0.0063	0.0019	1	03/13/25 08:43	03/13/25 19:51	335-67-1	
PFTeDA	**<0.0016**	ug/L	0.0063	0.0016	1	03/13/25 08:43	03/13/25 19:51	376-06-7	
PFTrDA	**<0.0018**	ug/L	0.0063	0.0018	1	03/13/25 08:43	03/13/25 19:51	72629-94-8	
PFUnA	**<0.0014**	ug/L	0.0063	0.0014	1	03/13/25 08:43	03/13/25 19:51	2058-94-8	
Surrogates									
13C2-PFDoA (S)	34	%.	10-130		1	03/13/25 08:43	03/13/25 19:51		1M
13C3HFPO-DA (S)	25	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0
13C3-PFBS (S)	25	%.	40-135		1	03/13/25 08:43	03/13/25 19:51		S0
13C3-PFHxS (S)	25	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0
13C4-PFBA (S)	24	%.	5-130		1	03/13/25 08:43	03/13/25 19:51		
13C4-PFHpA (S)	24	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0
13C5-PFHxA (S)	25	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0
13C5-PFPeA (S)	23	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0
13C6-PFDA (S)	23	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0
13C8-PFOA (S)	25	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0
13C8-PFOS (S)	24	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW5D-0-250305 **Lab ID: 10726385008** Collected: 03/05/25 12:50 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	13	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0
13C9-PFNA (S)	23	%.	40-130		1	03/13/25 08:43	03/13/25 19:51		S0
d3-MeFOSAA (S)	25	%.	40-170		1	03/13/25 08:43	03/13/25 19:51		S0
d3-NMeFOSA (S)	8	%.	10-130		1	03/13/25 08:43	03/13/25 19:51		S0
d5-EtFOSAA (S)	28	%.	25-135		1	03/13/25 08:43	03/13/25 19:51		
d5-NEtFOSA (S)	9	%.	10-130		1	03/13/25 08:43	03/13/25 19:51		S0
d7-NMeFOSE (S)	11	%.	10-130		1	03/13/25 08:43	03/13/25 19:51		
d9-NEtFOSE (S)	11	%.	10-130		1	03/13/25 08:43	03/13/25 19:51		
13C2-PFTA (S)	34	%.	10-130		1	03/13/25 08:43	03/13/25 19:51		
13C7-PFUdA (S)	31	%.	30-130		1	03/13/25 08:43	03/13/25 19:51		
13C24:2FTS (S)	26	%.	40-200		1	03/13/25 08:43	03/13/25 19:51		S0
13C26:2FTS (S)	38	%.	40-200		1	03/13/25 08:43	03/13/25 19:51		S0
13C28:2FTS (S)	48	%.	40-300		1	03/13/25 08:43	03/13/25 19:51		
13C3-PFPrA (S)	32	%.	5-130		1	03/13/25 08:43	03/13/25 19:51		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW6-0-250305 **Lab ID: 10726385009** Collected: 03/05/25 14:35 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0041**	ug/L	0.014	0.0041	1	03/13/25 08:43	03/13/25 20:00	763051-92-9	
4:2 FTS	**<0.0034**	ug/L	0.014	0.0034	1	03/13/25 08:43	03/13/25 20:00	757124-72-4	
6:2 FTS	**<0.0039**	ug/L	0.014	0.0039	1	03/13/25 08:43	03/13/25 20:00	27619-97-2	
8:2 FTS	**<0.0035**	ug/L	0.014	0.0035	1	03/13/25 08:43	03/13/25 20:00	39108-34-4	
9Cl-PF3ONS	**<0.0036**	ug/L	0.014	0.0036	1	03/13/25 08:43	03/13/25 20:00	756426-58-1	
ADONA	**<0.0040**	ug/L	0.014	0.0040	1	03/13/25 08:43	03/13/25 20:00	919005-14-4	
HFPO-DA	**<0.0038**	ug/L	0.014	0.0038	1	03/13/25 08:43	03/13/25 20:00	13252-13-6	
NEtFOSAA	**<0.0014**	ug/L	0.0034	0.0014	1	03/13/25 08:43	03/13/25 20:00	2991-50-6	
NEtFOSA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:00	4151-50-2	
NEtFOSE	**<0.0088**	ug/L	0.034	0.0088	1	03/13/25 08:43	03/13/25 20:00	1691-99-2	
NMeFOSAA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:00	2355-31-9	
NMeFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:00	31506-32-8	
NMeFOSE	**<0.0087**	ug/L	0.034	0.0087	1	03/13/25 08:43	03/13/25 20:00	24448-09-7	
PFBS	**0.0051**	ug/L	0.0034	0.00089	1	03/13/25 08:43	03/13/25 20:00	375-73-5	
PFDA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:00	335-76-2	
PFHxA	**0.0026J**	ug/L	0.0034	0.00081	1	03/13/25 08:43	03/13/25 20:00	307-24-4	
PFBA	**0.0075J**	ug/L	0.014	0.0033	1	03/13/25 08:43	03/13/25 20:00	375-22-4	
PFDS	**<0.0015**	ug/L	0.0034	0.0015	1	03/13/25 08:43	03/13/25 20:00	335-77-3	
PFDoS	**<0.00073**	ug/L	0.0034	0.00073	1	03/13/25 08:43	03/13/25 20:00	79780-39-5	
PFHpS	**0.0013J**	ug/L	0.0034	0.00099	1	03/13/25 08:43	03/13/25 20:00	375-92-8	
PFNS	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:00	68259-12-1	
PFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:00	754-91-6	
PFPeA	**<0.0020**	ug/L	0.0068	0.0020	1	03/13/25 08:43	03/13/25 20:00	2706-90-3	
PFPeS	**0.0034J**	ug/L	0.0034	0.00080	1	03/13/25 08:43	03/13/25 20:00	2706-91-4	
PFDoA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:00	307-55-1	
PFHpA	**0.0017J**	ug/L	0.0034	0.0013	1	03/13/25 08:43	03/13/25 20:00	375-85-9	
PFHxS	**0.12**	ug/L	0.0034	0.00087	1	03/13/25 08:43	03/13/25 20:00	355-46-4	
PFNA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:00	375-95-1	
PFOS	**0.0078**	ug/L	0.0034	0.00083	1	03/13/25 08:43	03/13/25 20:00	1763-23-1	
PFOA	**0.045**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:00	335-67-1	
PFTeDA	**<0.00088**	ug/L	0.0034	0.00088	1	03/13/25 08:43	03/13/25 20:00	376-06-7	
PFTrDA	**<0.00096**	ug/L	0.0034	0.00096	1	03/13/25 08:43	03/13/25 20:00	72629-94-8	
PFUnA	**<0.00075**	ug/L	0.0034	0.00075	1	03/13/25 08:43	03/13/25 20:00	2058-94-8	
Surrogates									
13C2-PFDoA (S)	86	%.	10-130		1	03/13/25 08:43	03/13/25 20:00		1M
13C3HFPO-DA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		
13C3-PFBS (S)	84	%.	40-135		1	03/13/25 08:43	03/13/25 20:00		
13C3-PFHxS (S)	88	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		
13C4-PFBA (S)	91	%.	5-130		1	03/13/25 08:43	03/13/25 20:00		
13C4-PFHpA (S)	88	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		
13C5-PFHxA (S)	93	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		
13C5-PFPeA (S)	91	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		
13C6-PFDA (S)	89	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		
13C8-PFOA (S)	91	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		
13C8-PFOS (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW6-0-250305 **Lab ID: 10726385009** Collected: 03/05/25 14:35 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	50	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		
13C9-PFNA (S)	87	%.	40-130		1	03/13/25 08:43	03/13/25 20:00		
d3-MeFOSAA (S)	81	%.	40-170		1	03/13/25 08:43	03/13/25 20:00		
d3-NMeFOSA (S)	40	%.	10-130		1	03/13/25 08:43	03/13/25 20:00		
d5-EtFOSAA (S)	75	%.	25-135		1	03/13/25 08:43	03/13/25 20:00		
d5-NEtFOSA (S)	38	%.	10-130		1	03/13/25 08:43	03/13/25 20:00		
d7-NMeFOSE (S)	37	%.	10-130		1	03/13/25 08:43	03/13/25 20:00		
d9-NEtFOSE (S)	35	%.	10-130		1	03/13/25 08:43	03/13/25 20:00		
13C2-PFTA (S)	84	%.	10-130		1	03/13/25 08:43	03/13/25 20:00		
13C7-PFUdA (S)	90	%.	30-130		1	03/13/25 08:43	03/13/25 20:00		
13C24:2FTS (S)	150	%.	40-200		1	03/13/25 08:43	03/13/25 20:00		
13C26:2FTS (S)	205	%.	40-200		1	03/13/25 08:43	03/13/25 20:00		S0
13C28:2FTS (S)	242	%.	40-300		1	03/13/25 08:43	03/13/25 20:00		
13C3-PFPrA (S)	76	%.	5-130		1	03/13/25 08:43	03/13/25 20:00		

REPORT OF LABORATORY ANALYSIS

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW7-0-250303 **Lab ID: 10726385010** Collected: 03/03/25 15:00 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0041**	ug/L	0.014	0.0041	1	03/13/25 08:43	03/13/25 20:09	763051-92-9	
4:2 FTS	**<0.0034**	ug/L	0.014	0.0034	1	03/13/25 08:43	03/13/25 20:09	757124-72-4	
6:2 FTS	**<0.0039**	ug/L	0.014	0.0039	1	03/13/25 08:43	03/13/25 20:09	27619-97-2	
8:2 FTS	**<0.0035**	ug/L	0.014	0.0035	1	03/13/25 08:43	03/13/25 20:09	39108-34-4	
9Cl-PF3ONS	**<0.0036**	ug/L	0.014	0.0036	1	03/13/25 08:43	03/13/25 20:09	756426-58-1	
ADONA	**<0.0040**	ug/L	0.014	0.0040	1	03/13/25 08:43	03/13/25 20:09	919005-14-4	
HFPO-DA	**<0.0038**	ug/L	0.014	0.0038	1	03/13/25 08:43	03/13/25 20:09	13252-13-6	
NEtFOSAA	**<0.0014**	ug/L	0.0034	0.0014	1	03/13/25 08:43	03/13/25 20:09	2991-50-6	
NEtFOSA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:09	4151-50-2	
NEtFOSE	**<0.0088**	ug/L	0.034	0.0088	1	03/13/25 08:43	03/13/25 20:09	1691-99-2	
NMeFOSAA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:09	2355-31-9	
NMeFOSA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:09	31506-32-8	
NMeFOSE	**<0.0088**	ug/L	0.034	0.0088	1	03/13/25 08:43	03/13/25 20:09	24448-09-7	
PFBS	**0.0012J**	ug/L	0.0034	0.00089	1	03/13/25 08:43	03/13/25 20:09	375-73-5	
PFDA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:09	335-76-2	
PFHxA	**0.0035**	ug/L	0.0034	0.00082	1	03/13/25 08:43	03/13/25 20:09	307-24-4	
PFBA	**0.0055J**	ug/L	0.014	0.0033	1	03/13/25 08:43	03/13/25 20:09	375-22-4	
PFDS	**<0.0015**	ug/L	0.0034	0.0015	1	03/13/25 08:43	03/13/25 20:09	335-77-3	
PFDoS	**<0.00073**	ug/L	0.0034	0.00073	1	03/13/25 08:43	03/13/25 20:09	79780-39-5	
PFHpS	**<0.00099**	ug/L	0.0034	0.00099	1	03/13/25 08:43	03/13/25 20:09	375-92-8	
PFNS	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:09	68259-12-1	
PFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:09	754-91-6	
PFPeA	**<0.0020**	ug/L	0.0068	0.0020	1	03/13/25 08:43	03/13/25 20:09	2706-90-3	
PFPeS	**0.0017J**	ug/L	0.0034	0.00081	1	03/13/25 08:43	03/13/25 20:09	2706-91-4	
PFDoA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:09	307-55-1	
PFHpA	**<0.0013**	ug/L	0.0034	0.0013	1	03/13/25 08:43	03/13/25 20:09	375-85-9	
PFHxS	**0.023**	ug/L	0.0034	0.00087	1	03/13/25 08:43	03/13/25 20:09	355-46-4	
PFNA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:09	375-95-1	
PFOS	**0.0060**	ug/L	0.0034	0.00084	1	03/13/25 08:43	03/13/25 20:09	1763-23-1	
PFOA	**0.0017J**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:09	335-67-1	
PFTeDA	**<0.00088**	ug/L	0.0034	0.00088	1	03/13/25 08:43	03/13/25 20:09	376-06-7	
PFTrDA	**<0.00097**	ug/L	0.0034	0.00097	1	03/13/25 08:43	03/13/25 20:09	72629-94-8	
PFUnA	**<0.00076**	ug/L	0.0034	0.00076	1	03/13/25 08:43	03/13/25 20:09	2058-94-8	
Surrogates									
13C2-PFDoA (S)	74	%.	10-130		1	03/13/25 08:43	03/13/25 20:09		
13C3HFPO-DA (S)	72	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		
13C3-PFBS (S)	72	%.	40-135		1	03/13/25 08:43	03/13/25 20:09		
13C3-PFHxS (S)	71	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		
13C4-PFBA (S)	73	%.	5-130		1	03/13/25 08:43	03/13/25 20:09		
13C4-PFHpA (S)	71	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		
13C5-PFHxA (S)	74	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		
13C5-PFPeA (S)	72	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		
13C6-PFDA (S)	73	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		
13C8-PFOA (S)	78	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		
13C8-PFOS (S)	74	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW7-0-250303 **Lab ID: 10726385010** Collected: 03/03/25 15:00 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	43	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		
13C9-PFNA (S)	72	%.	40-130		1	03/13/25 08:43	03/13/25 20:09		
d3-MeFOSAA (S)	68	%.	40-170		1	03/13/25 08:43	03/13/25 20:09		
d3-NMeFOSA (S)	31	%.	10-130		1	03/13/25 08:43	03/13/25 20:09		
d5-EtFOSAA (S)	69	%.	25-135		1	03/13/25 08:43	03/13/25 20:09		
d5-NEtFOSA (S)	30	%.	10-130		1	03/13/25 08:43	03/13/25 20:09		
d7-NMeFOSE (S)	32	%.	10-130		1	03/13/25 08:43	03/13/25 20:09		
d9-NEtFOSE (S)	31	%.	10-130		1	03/13/25 08:43	03/13/25 20:09		
13C2-PFTA (S)	73	%.	10-130		1	03/13/25 08:43	03/13/25 20:09		
13C7-PFUdA (S)	76	%.	30-130		1	03/13/25 08:43	03/13/25 20:09		
13C24:2FTS (S)	146	%.	40-200		1	03/13/25 08:43	03/13/25 20:09		
13C26:2FTS (S)	186	%.	40-200		1	03/13/25 08:43	03/13/25 20:09		
13C28:2FTS (S)	200	%.	40-300		1	03/13/25 08:43	03/13/25 20:09		
13C3-PFPrA (S)	70	%.	5-130		1	03/13/25 08:43	03/13/25 20:09		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW8-0-250306 **Lab ID: 10726385011** Collected: 03/06/25 09:35 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0041**	ug/L	0.014	0.0041	1	03/13/25 08:43	03/13/25 20:36	763051-92-9	
4:2 FTS	**<0.0034**	ug/L	0.014	0.0034	1	03/13/25 08:43	03/13/25 20:36	757124-72-4	
6:2 FTS	**<0.0039**	ug/L	0.014	0.0039	1	03/13/25 08:43	03/13/25 20:36	27619-97-2	
8:2 FTS	**<0.0035**	ug/L	0.014	0.0035	1	03/13/25 08:43	03/13/25 20:36	39108-34-4	
9Cl-PF3ONS	**<0.0036**	ug/L	0.014	0.0036	1	03/13/25 08:43	03/13/25 20:36	756426-58-1	
ADONA	**<0.0040**	ug/L	0.014	0.0040	1	03/13/25 08:43	03/13/25 20:36	919005-14-4	
HFPO-DA	**<0.0038**	ug/L	0.014	0.0038	1	03/13/25 08:43	03/13/25 20:36	13252-13-6	
NEtFOSAA	**<0.0014**	ug/L	0.0034	0.0014	1	03/13/25 08:43	03/13/25 20:36	2991-50-6	
NEtFOSA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:36	4151-50-2	
NEtFOSE	**<0.0087**	ug/L	0.034	0.0087	1	03/13/25 08:43	03/13/25 20:36	1691-99-2	
NMeFOSAA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:36	2355-31-9	
NMeFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:36	31506-32-8	
NMeFOSE	**<0.0087**	ug/L	0.034	0.0087	1	03/13/25 08:43	03/13/25 20:36	24448-09-7	
PFBS	**0.0028J**	ug/L	0.0034	0.00089	1	03/13/25 08:43	03/13/25 20:36	375-73-5	
PFDA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:36	335-76-2	
PFHxA	**<0.00081**	ug/L	0.0034	0.00081	1	03/13/25 08:43	03/13/25 20:36	307-24-4	
PFBA	**0.0087J**	ug/L	0.014	0.0033	1	03/13/25 08:43	03/13/25 20:36	375-22-4	
PFDS	**<0.0015**	ug/L	0.0034	0.0015	1	03/13/25 08:43	03/13/25 20:36	335-77-3	
PFDoS	**<0.00073**	ug/L	0.0034	0.00073	1	03/13/25 08:43	03/13/25 20:36	79780-39-5	
PFHpS	**<0.00099**	ug/L	0.0034	0.00099	1	03/13/25 08:43	03/13/25 20:36	375-92-8	
PFNS	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:36	68259-12-1	
PFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:36	754-91-6	
PFPeA	**<0.0020**	ug/L	0.0068	0.0020	1	03/13/25 08:43	03/13/25 20:36	2706-90-3	
PFPeS	**<0.00080**	ug/L	0.0034	0.00080	1	03/13/25 08:43	03/13/25 20:36	2706-91-4	
PFDoA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:36	307-55-1	
PFHpA	**<0.0013**	ug/L	0.0034	0.0013	1	03/13/25 08:43	03/13/25 20:36	375-85-9	
PFHxS	**0.015**	ug/L	0.0034	0.00087	1	03/13/25 08:43	03/13/25 20:36	355-46-4	
PFNA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 20:36	375-95-1	
PFOS	**0.0015J**	ug/L	0.0034	0.00083	1	03/13/25 08:43	03/13/25 20:36	1763-23-1	
PFOA	**0.0022J**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 20:36	335-67-1	
PFTeDA	**<0.00088**	ug/L	0.0034	0.00088	1	03/13/25 08:43	03/13/25 20:36	376-06-7	
PFTrDA	**<0.00096**	ug/L	0.0034	0.00096	1	03/13/25 08:43	03/13/25 20:36	72629-94-8	
PFUnA	**<0.00075**	ug/L	0.0034	0.00075	1	03/13/25 08:43	03/13/25 20:36	2058-94-8	
Surrogates									
13C2-PFDoA (S)	77	%.	10-130		1	03/13/25 08:43	03/13/25 20:36		1M
13C3HFPO-DA (S)	78	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		
13C3-PFBS (S)	78	%.	40-135		1	03/13/25 08:43	03/13/25 20:36		
13C3-PFHxS (S)	79	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		
13C4-PFBA (S)	81	%.	5-130		1	03/13/25 08:43	03/13/25 20:36		
13C4-PFHpA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		
13C5-PFHxA (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		
13C5-PFPeA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		
13C6-PFDA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		
13C8-PFOA (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		
13C8-PFOS (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW8-0-250306 **Lab ID: 10726385011** Collected: 03/06/25 09:35 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	49	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		
13C9-PFNA (S)	80	%.	40-130		1	03/13/25 08:43	03/13/25 20:36		
d3-MeFOSAA (S)	76	%.	40-170		1	03/13/25 08:43	03/13/25 20:36		
d3-NMeFOSA (S)	49	%.	10-130		1	03/13/25 08:43	03/13/25 20:36		
d5-EtFOSAA (S)	75	%.	25-135		1	03/13/25 08:43	03/13/25 20:36		
d5-NEtFOSA (S)	53	%.	10-130		1	03/13/25 08:43	03/13/25 20:36		
d7-NMeFOSE (S)	51	%.	10-130		1	03/13/25 08:43	03/13/25 20:36		
d9-NEtFOSE (S)	59	%.	10-130		1	03/13/25 08:43	03/13/25 20:36		
13C2-PFTA (S)	76	%.	10-130		1	03/13/25 08:43	03/13/25 20:36		
13C7-PFUdA (S)	84	%.	30-130		1	03/13/25 08:43	03/13/25 20:36		
13C24:2FTS (S)	173	%.	40-200		1	03/13/25 08:43	03/13/25 20:36		
13C26:2FTS (S)	210	%.	40-200		1	03/13/25 08:43	03/13/25 20:36		S0
13C28:2FTS (S)	234	%.	40-300		1	03/13/25 08:43	03/13/25 20:36		
13C3-PFPrA (S)	68	%.	5-130		1	03/13/25 08:43	03/13/25 20:36		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW9-0-250304 **Lab ID: 10726385012** Collected: 03/04/25 11:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0021**	ug/L	0.0070	0.0021	1	03/13/25 08:43	03/13/25 20:46	763051-92-9	
4:2 FTS	**<0.0017**	ug/L	0.0070	0.0017	1	03/13/25 08:43	03/13/25 20:46	757124-72-4	
6:2 FTS	**<0.0020**	ug/L	0.0070	0.0020	1	03/13/25 08:43	03/13/25 20:46	27619-97-2	
8:2 FTS	**<0.0018**	ug/L	0.0070	0.0018	1	03/13/25 08:43	03/13/25 20:46	39108-34-4	
9Cl-PF3ONS	**<0.0018**	ug/L	0.0070	0.0018	1	03/13/25 08:43	03/13/25 20:46	756426-58-1	
ADONA	**<0.0020**	ug/L	0.0070	0.0020	1	03/13/25 08:43	03/13/25 20:46	919005-14-4	
HFPO-DA	**<0.0019**	ug/L	0.0070	0.0019	1	03/13/25 08:43	03/13/25 20:46	13252-13-6	
NEtFOSAA	**<0.00072**	ug/L	0.0017	0.00072	1	03/13/25 08:43	03/13/25 20:46	2991-50-6	
NEtFOSA	**<0.00055**	ug/L	0.0017	0.00055	1	03/13/25 08:43	03/13/25 20:46	4151-50-2	
NEtFOSE	**<0.0045**	ug/L	0.017	0.0045	1	03/13/25 08:43	03/13/25 20:46	1691-99-2	
NMeFOSAA	**<0.00054**	ug/L	0.0017	0.00054	1	03/13/25 08:43	03/13/25 20:46	2355-31-9	
NMeFOSA	**<0.00054**	ug/L	0.0017	0.00054	1	03/13/25 08:43	03/13/25 20:46	31506-32-8	
NMeFOSE	**<0.0045**	ug/L	0.017	0.0045	1	03/13/25 08:43	03/13/25 20:46	24448-09-7	
PFBS	**0.0011J**	ug/L	0.0017	0.00046	1	03/13/25 08:43	03/13/25 20:46	375-73-5	
PFDA	**<0.00054**	ug/L	0.0017	0.00054	1	03/13/25 08:43	03/13/25 20:46	335-76-2	
PFHxA	**0.0058**	ug/L	0.0017	0.00042	1	03/13/25 08:43	03/13/25 20:46	307-24-4	
PFBA	**0.020**	ug/L	0.0070	0.0017	1	03/13/25 08:43	03/13/25 20:46	375-22-4	
PFDS	**<0.00075**	ug/L	0.0017	0.00075	1	03/13/25 08:43	03/13/25 20:46	335-77-3	
PFDoS	**<0.00037**	ug/L	0.0017	0.00037	1	03/13/25 08:43	03/13/25 20:46	79780-39-5	
PFHpS	**<0.00051**	ug/L	0.0017	0.00051	1	03/13/25 08:43	03/13/25 20:46	375-92-8	
PFNS	**<0.00051**	ug/L	0.0017	0.00051	1	03/13/25 08:43	03/13/25 20:46	68259-12-1	
PFOSA	**<0.00053**	ug/L	0.0017	0.00053	1	03/13/25 08:43	03/13/25 20:46	754-91-6	
PFPeA	**0.0063**	ug/L	0.0035	0.0010	1	03/13/25 08:43	03/13/25 20:46	2706-90-3	
PFPeS	**<0.00041**	ug/L	0.0017	0.00041	1	03/13/25 08:43	03/13/25 20:46	2706-91-4	
PFDoA	**<0.00053**	ug/L	0.0017	0.00053	1	03/13/25 08:43	03/13/25 20:46	307-55-1	
PFHpA	**0.0027**	ug/L	0.0017	0.00067	1	03/13/25 08:43	03/13/25 20:46	375-85-9	
PFHxS	**<0.00045**	ug/L	0.0017	0.00045	1	03/13/25 08:43	03/13/25 20:46	355-46-4	
PFNA	**<0.00057**	ug/L	0.0017	0.00057	1	03/13/25 08:43	03/13/25 20:46	375-95-1	
PFOS	**0.00097J**	ug/L	0.0017	0.00043	1	03/13/25 08:43	03/13/25 20:46	1763-23-1	
PFOA	**0.0022**	ug/L	0.0017	0.00053	1	03/13/25 08:43	03/13/25 20:46	335-67-1	
PFTeDA	**<0.00045**	ug/L	0.0017	0.00045	1	03/13/25 08:43	03/13/25 20:46	376-06-7	
PFTrDA	**<0.00049**	ug/L	0.0017	0.00049	1	03/13/25 08:43	03/13/25 20:46	72629-94-8	
PFUnA	**<0.00039**	ug/L	0.0017	0.00039	1	03/13/25 08:43	03/13/25 20:46	2058-94-8	
Surrogates									
13C2-PFDoA (S)	79	%.	10-130		1	03/13/25 08:43	03/13/25 20:46		
13C3HFPO-DA (S)	79	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		
13C3-PFBS (S)	79	%.	40-135		1	03/13/25 08:43	03/13/25 20:46		
13C3-PFHxS (S)	81	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		
13C4-PFBA (S)	83	%.	5-130		1	03/13/25 08:43	03/13/25 20:46		
13C4-PFHpA (S)	79	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		
13C5-PFHxA (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		
13C5-PFPeA (S)	81	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		
13C6-PFDA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		
13C8-PFOA (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		
13C8-PFOS (S)	77	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW9-0-250304 **Lab ID: 10726385012** Collected: 03/04/25 11:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	46	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		
13C9-PFNA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 20:46		
d3-MeFOSAA (S)	70	%.	40-170		1	03/13/25 08:43	03/13/25 20:46		
d3-NMeFOSA (S)	37	%.	10-130		1	03/13/25 08:43	03/13/25 20:46		
d5-EtFOSAA (S)	70	%.	25-135		1	03/13/25 08:43	03/13/25 20:46		
d5-NEtFOSA (S)	36	%.	10-130		1	03/13/25 08:43	03/13/25 20:46		
d7-NMeFOSE (S)	35	%.	10-130		1	03/13/25 08:43	03/13/25 20:46		
d9-NEtFOSE (S)	33	%.	10-130		1	03/13/25 08:43	03/13/25 20:46		
13C2-PFTA (S)	80	%.	10-130		1	03/13/25 08:43	03/13/25 20:46		
13C7-PFUdA (S)	82	%.	30-130		1	03/13/25 08:43	03/13/25 20:46		
13C24:2FTS (S)	165	%.	40-200		1	03/13/25 08:43	03/13/25 20:46		
13C26:2FTS (S)	194	%.	40-200		1	03/13/25 08:43	03/13/25 20:46		
13C28:2FTS (S)	222	%.	40-300		1	03/13/25 08:43	03/13/25 20:46		
13C3-PFPrA (S)	61	%.	5-130		1	03/13/25 08:43	03/13/25 20:46		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW9D-0-250304 **Lab ID: 10726385013** Collected: 03/04/25 10:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0081**	ug/L	0.027	0.0081	1	03/13/25 08:43	03/13/25 20:55	763051-92-9	
4:2 FTS	**<0.0067**	ug/L	0.027	0.0067	1	03/13/25 08:43	03/13/25 20:55	757124-72-4	
6:2 FTS	**<0.0077**	ug/L	0.027	0.0077	1	03/13/25 08:43	03/13/25 20:55	27619-97-2	
8:2 FTS	**<0.0069**	ug/L	0.027	0.0069	1	03/13/25 08:43	03/13/25 20:55	39108-34-4	
9Cl-PF3ONS	**<0.0071**	ug/L	0.027	0.0071	1	03/13/25 08:43	03/13/25 20:55	756426-58-1	
ADONA	**<0.0078**	ug/L	0.027	0.0078	1	03/13/25 08:43	03/13/25 20:55	919005-14-4	
HFPO-DA	**<0.0075**	ug/L	0.027	0.0075	1	03/13/25 08:43	03/13/25 20:55	13252-13-6	
NEtFOSAA	**<0.0028**	ug/L	0.0067	0.0028	1	03/13/25 08:43	03/13/25 20:55	2991-50-6	
NEtFOSA	**<0.0021**	ug/L	0.0067	0.0021	1	03/13/25 08:43	03/13/25 20:55	4151-50-2	
NEtFOSE	**<0.017**	ug/L	0.067	0.017	1	03/13/25 08:43	03/13/25 20:55	1691-99-2	
NMeFOSAA	**<0.0021**	ug/L	0.0067	0.0021	1	03/13/25 08:43	03/13/25 20:55	2355-31-9	
NMeFOSA	**<0.0021**	ug/L	0.0067	0.0021	1	03/13/25 08:43	03/13/25 20:55	31506-32-8	
NMeFOSE	**<0.017**	ug/L	0.067	0.017	1	03/13/25 08:43	03/13/25 20:55	24448-09-7	
PFBS	**0.0025J**	ug/L	0.0067	0.0018	1	03/13/25 08:43	03/13/25 20:55	375-73-5	
PFDA	**<0.0021**	ug/L	0.0067	0.0021	1	03/13/25 08:43	03/13/25 20:55	335-76-2	
PFHxA	**<0.0016**	ug/L	0.0067	0.0016	1	03/13/25 08:43	03/13/25 20:55	307-24-4	
PFBA	**<0.0065**	ug/L	0.027	0.0065	1	03/13/25 08:43	03/13/25 20:55	375-22-4	
PFDS	**<0.0029**	ug/L	0.0067	0.0029	1	03/13/25 08:43	03/13/25 20:55	335-77-3	
PFDoS	**<0.0014**	ug/L	0.0067	0.0014	1	03/13/25 08:43	03/13/25 20:55	79780-39-5	
PFHpS	**<0.0019**	ug/L	0.0067	0.0019	1	03/13/25 08:43	03/13/25 20:55	375-92-8	
PFNS	**<0.0020**	ug/L	0.0067	0.0020	1	03/13/25 08:43	03/13/25 20:55	68259-12-1	
PFOSA	**<0.0020**	ug/L	0.0067	0.0020	1	03/13/25 08:43	03/13/25 20:55	754-91-6	
PFPeA	**<0.0040**	ug/L	0.013	0.0040	1	03/13/25 08:43	03/13/25 20:55	2706-90-3	
PFPeS	**<0.0016**	ug/L	0.0067	0.0016	1	03/13/25 08:43	03/13/25 20:55	2706-91-4	
PFDoA	**<0.0020**	ug/L	0.0067	0.0020	1	03/13/25 08:43	03/13/25 20:55	307-55-1	
PFHpA	**<0.0026**	ug/L	0.0067	0.0026	1	03/13/25 08:43	03/13/25 20:55	375-85-9	
PFHxS	**<0.0017**	ug/L	0.0067	0.0017	1	03/13/25 08:43	03/13/25 20:55	355-46-4	
PFNA	**<0.0022**	ug/L	0.0067	0.0022	1	03/13/25 08:43	03/13/25 20:55	375-95-1	
PFOS	**<0.0016**	ug/L	0.0067	0.0016	1	03/13/25 08:43	03/13/25 20:55	1763-23-1	
PFOA	**<0.0020**	ug/L	0.0067	0.0020	1	03/13/25 08:43	03/13/25 20:55	335-67-1	
PFTeDA	**<0.0017**	ug/L	0.0067	0.0017	1	03/13/25 08:43	03/13/25 20:55	376-06-7	
PFTrDA	**<0.0019**	ug/L	0.0067	0.0019	1	03/13/25 08:43	03/13/25 20:55	72629-94-8	
PFUnA	**<0.0015**	ug/L	0.0067	0.0015	1	03/13/25 08:43	03/13/25 20:55	2058-94-8	
Surrogates									
13C2-PFDoA (S)	58	%.	10-130		1	03/13/25 08:43	03/13/25 20:55		1M
13C3HFPO-DA (S)	50	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		
13C3-PFBS (S)	47	%.	40-135		1	03/13/25 08:43	03/13/25 20:55		
13C3-PFHxS (S)	46	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		
13C4-PFBA (S)	48	%.	5-130		1	03/13/25 08:43	03/13/25 20:55		
13C4-PFHpA (S)	51	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		
13C5-PFHxA (S)	50	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		
13C5-PFPeA (S)	50	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		
13C6-PFDA (S)	51	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		
13C8-PFOA (S)	53	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		
13C8-PFOS (S)	47	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		

REPORT OF LABORATORY ANALYSIS

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Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW9D-0-250304 **Lab ID: 10726385013** Collected: 03/04/25 10:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	27	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		S0
13C9-PFNA (S)	50	%.	40-130		1	03/13/25 08:43	03/13/25 20:55		
d3-MeFOSAA (S)	45	%.	40-170		1	03/13/25 08:43	03/13/25 20:55		
d3-NMeFOSA (S)	20	%.	10-130		1	03/13/25 08:43	03/13/25 20:55		
d5-EtFOSAA (S)	47	%.	25-135		1	03/13/25 08:43	03/13/25 20:55		
d5-NEtFOSA (S)	21	%.	10-130		1	03/13/25 08:43	03/13/25 20:55		
d7-NMeFOSE (S)	20	%.	10-130		1	03/13/25 08:43	03/13/25 20:55		
d9-NEtFOSE (S)	20	%.	10-130		1	03/13/25 08:43	03/13/25 20:55		
13C2-PFTA (S)	57	%.	10-130		1	03/13/25 08:43	03/13/25 20:55		
13C7-PFUdA (S)	59	%.	30-130		1	03/13/25 08:43	03/13/25 20:55		
13C24:2FTS (S)	54	%.	40-200		1	03/13/25 08:43	03/13/25 20:55		
13C26:2FTS (S)	77	%.	40-200		1	03/13/25 08:43	03/13/25 20:55		
13C28:2FTS (S)	103	%.	40-300		1	03/13/25 08:43	03/13/25 20:55		
13C3-PFPrA (S)	39	%.	5-130		1	03/13/25 08:43	03/13/25 20:55		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW10-0-250304 **Lab ID: 10726385014** Collected: 03/04/25 14:20 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0041**	ug/L	0.013	0.0041	1	03/13/25 08:43	03/13/25 21:04	763051-92-9	
4:2 FTS	**<0.0034**	ug/L	0.013	0.0034	1	03/13/25 08:43	03/13/25 21:04	757124-72-4	
6:2 FTS	**<0.0039**	ug/L	0.013	0.0039	1	03/13/25 08:43	03/13/25 21:04	27619-97-2	
8:2 FTS	**<0.0035**	ug/L	0.013	0.0035	1	03/13/25 08:43	03/13/25 21:04	39108-34-4	
9Cl-PF3ONS	**<0.0036**	ug/L	0.013	0.0036	1	03/13/25 08:43	03/13/25 21:04	756426-58-1	
ADONA	**<0.0040**	ug/L	0.013	0.0040	1	03/13/25 08:43	03/13/25 21:04	919005-14-4	
HFPO-DA	**<0.0038**	ug/L	0.013	0.0038	1	03/13/25 08:43	03/13/25 21:04	13252-13-6	
NEtFOSAA	**<0.0014**	ug/L	0.0034	0.0014	1	03/13/25 08:43	03/13/25 21:04	2991-50-6	
NEtFOSA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 21:04	4151-50-2	
NEtFOSE	**<0.0087**	ug/L	0.034	0.0087	1	03/13/25 08:43	03/13/25 21:04	1691-99-2	
NMeFOSAA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 21:04	2355-31-9	
NMeFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:04	31506-32-8	
NMeFOSE	**<0.0087**	ug/L	0.034	0.0087	1	03/13/25 08:43	03/13/25 21:04	24448-09-7	
PFBS	**0.0011J**	ug/L	0.0034	0.00088	1	03/13/25 08:43	03/13/25 21:04	375-73-5	
PFDA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:04	335-76-2	
PFHxA	**<0.00081**	ug/L	0.0034	0.00081	1	03/13/25 08:43	03/13/25 21:04	307-24-4	
PFBA	**0.029**	ug/L	0.013	0.0033	1	03/13/25 08:43	03/13/25 21:04	375-22-4	
PFDS	**<0.0014**	ug/L	0.0034	0.0014	1	03/13/25 08:43	03/13/25 21:04	335-77-3	
PFDoS	**<0.00073**	ug/L	0.0034	0.00073	1	03/13/25 08:43	03/13/25 21:04	79780-39-5	
PFHpS	**<0.00098**	ug/L	0.0034	0.00098	1	03/13/25 08:43	03/13/25 21:04	375-92-8	
PFNS	**<0.00099**	ug/L	0.0034	0.00099	1	03/13/25 08:43	03/13/25 21:04	68259-12-1	
PFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:04	754-91-6	
PFPeA	**<0.0020**	ug/L	0.0067	0.0020	1	03/13/25 08:43	03/13/25 21:04	2706-90-3	
PFPeS	**<0.00080**	ug/L	0.0034	0.00080	1	03/13/25 08:43	03/13/25 21:04	2706-91-4	
PFDoA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:04	307-55-1	
PFHpA	**<0.0013**	ug/L	0.0034	0.0013	1	03/13/25 08:43	03/13/25 21:04	375-85-9	
PFHxS	**0.0023J**	ug/L	0.0034	0.00086	1	03/13/25 08:43	03/13/25 21:04	355-46-4	
PFNA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 21:04	375-95-1	
PFOS	**<0.00083**	ug/L	0.0034	0.00083	1	03/13/25 08:43	03/13/25 21:04	1763-23-1	
PFOA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:04	335-67-1	
PFTeDA	**<0.00087**	ug/L	0.0034	0.00087	1	03/13/25 08:43	03/13/25 21:04	376-06-7	
PFTrDA	**<0.00095**	ug/L	0.0034	0.00095	1	03/13/25 08:43	03/13/25 21:04	72629-94-8	
PFUnA	**<0.00075**	ug/L	0.0034	0.00075	1	03/13/25 08:43	03/13/25 21:04	2058-94-8	
Surrogates									
13C2-PFDoA (S)	78	%.	10-130		1	03/13/25 08:43	03/13/25 21:04		
13C3HFPO-DA (S)	79	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		
13C3-PFBS (S)	83	%.	40-135		1	03/13/25 08:43	03/13/25 21:04		
13C3-PFHxS (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		
13C4-PFBA (S)	83	%.	5-130		1	03/13/25 08:43	03/13/25 21:04		
13C4-PFHpA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		
13C5-PFHxA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		
13C5-PFPeA (S)	83	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		
13C6-PFDA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		
13C8-PFOA (S)	90	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		
13C8-PFOS (S)	81	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		

REPORT OF LABORATORY ANALYSIS

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW10-0-250304 **Lab ID: 10726385014** Collected: 03/04/25 14:20 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	48	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		
13C9-PFNA (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 21:04		
d3-MeFOSAA (S)	75	%.	40-170		1	03/13/25 08:43	03/13/25 21:04		
d3-NMeFOSA (S)	36	%.	10-130		1	03/13/25 08:43	03/13/25 21:04		
d5-EtFOSAA (S)	70	%.	25-135		1	03/13/25 08:43	03/13/25 21:04		
d5-NEtFOSA (S)	34	%.	10-130		1	03/13/25 08:43	03/13/25 21:04		
d7-NMeFOSE (S)	36	%.	10-130		1	03/13/25 08:43	03/13/25 21:04		
d9-NEtFOSE (S)	33	%.	10-130		1	03/13/25 08:43	03/13/25 21:04		
13C2-PFTA (S)	75	%.	10-130		1	03/13/25 08:43	03/13/25 21:04		
13C7-PFUdA (S)	86	%.	30-130		1	03/13/25 08:43	03/13/25 21:04		
13C24:2FTS (S)	136	%.	40-200		1	03/13/25 08:43	03/13/25 21:04		
13C26:2FTS (S)	183	%.	40-200		1	03/13/25 08:43	03/13/25 21:04		
13C28:2FTS (S)	227	%.	40-300		1	03/13/25 08:43	03/13/25 21:04		
13C3-PFPrA (S)	70	%.	5-130		1	03/13/25 08:43	03/13/25 21:04		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW11-0-240304 **Lab ID: 10726385015** Collected: 03/04/25 12:05 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0039**	ug/L	0.013	0.0039	1	03/13/25 08:43	03/13/25 21:13	763051-92-9	
4:2 FTS	**<0.0033**	ug/L	0.013	0.0033	1	03/13/25 08:43	03/13/25 21:13	757124-72-4	
6:2 FTS	**<0.0038**	ug/L	0.013	0.0038	1	03/13/25 08:43	03/13/25 21:13	27619-97-2	
8:2 FTS	**<0.0034**	ug/L	0.013	0.0034	1	03/13/25 08:43	03/13/25 21:13	39108-34-4	
9Cl-PF3ONS	**<0.0034**	ug/L	0.013	0.0034	1	03/13/25 08:43	03/13/25 21:13	756426-58-1	
ADONA	**<0.0038**	ug/L	0.013	0.0038	1	03/13/25 08:43	03/13/25 21:13	919005-14-4	
HFPO-DA	**<0.0036**	ug/L	0.013	0.0036	1	03/13/25 08:43	03/13/25 21:13	13252-13-6	
NEtFOSAA	**<0.0014**	ug/L	0.0033	0.0014	1	03/13/25 08:43	03/13/25 21:13	2991-50-6	
NEtFOSA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 21:13	4151-50-2	
NEtFOSE	**<0.0084**	ug/L	0.033	0.0084	1	03/13/25 08:43	03/13/25 21:13	1691-99-2	
NMeFOSAA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 21:13	2355-31-9	
NMeFOSA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 21:13	31506-32-8	
NMeFOSE	**<0.0084**	ug/L	0.033	0.0084	1	03/13/25 08:43	03/13/25 21:13	24448-09-7	
PFBS	**<0.00085**	ug/L	0.0033	0.00085	1	03/13/25 08:43	03/13/25 21:13	375-73-5	
PFDA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 21:13	335-76-2	
PFHxA	**<0.00078**	ug/L	0.0033	0.00078	1	03/13/25 08:43	03/13/25 21:13	307-24-4	
PFBA	**0.012J**	ug/L	0.013	0.0031	1	03/13/25 08:43	03/13/25 21:13	375-22-4	
PFDS	**<0.0014**	ug/L	0.0033	0.0014	1	03/13/25 08:43	03/13/25 21:13	335-77-3	
PFDoS	**<0.00070**	ug/L	0.0033	0.00070	1	03/13/25 08:43	03/13/25 21:13	79780-39-5	
PFHpS	**<0.00095**	ug/L	0.0033	0.00095	1	03/13/25 08:43	03/13/25 21:13	375-92-8	
PFNS	**<0.00096**	ug/L	0.0033	0.00096	1	03/13/25 08:43	03/13/25 21:13	68259-12-1	
PFOSA	**<0.00099**	ug/L	0.0033	0.00099	1	03/13/25 08:43	03/13/25 21:13	754-91-6	
PFPeA	**<0.0019**	ug/L	0.0065	0.0019	1	03/13/25 08:43	03/13/25 21:13	2706-90-3	
PFPeS	**<0.00077**	ug/L	0.0033	0.00077	1	03/13/25 08:43	03/13/25 21:13	2706-91-4	
PFDoA	**<0.0010**	ug/L	0.0033	0.0010	1	03/13/25 08:43	03/13/25 21:13	307-55-1	
PFHpA	**<0.0012**	ug/L	0.0033	0.0012	1	03/13/25 08:43	03/13/25 21:13	375-85-9	
PFHxS	**<0.00083**	ug/L	0.0033	0.00083	1	03/13/25 08:43	03/13/25 21:13	355-46-4	
PFNA	**<0.0011**	ug/L	0.0033	0.0011	1	03/13/25 08:43	03/13/25 21:13	375-95-1	
PFOS	**<0.00080**	ug/L	0.0033	0.00080	1	03/13/25 08:43	03/13/25 21:13	1763-23-1	
PFOA	**<0.00099**	ug/L	0.0033	0.00099	1	03/13/25 08:43	03/13/25 21:13	335-67-1	
PFTeDA	**<0.00084**	ug/L	0.0033	0.00084	1	03/13/25 08:43	03/13/25 21:13	376-06-7	
PFTrDA	**<0.00092**	ug/L	0.0033	0.00092	1	03/13/25 08:43	03/13/25 21:13	72629-94-8	
PFUnA	**<0.00072**	ug/L	0.0033	0.00072	1	03/13/25 08:43	03/13/25 21:13	2058-94-8	
Surrogates									
13C2-PFDoA (S)	81	%.	10-130		1	03/13/25 08:43	03/13/25 21:13		
13C3HFPO-DA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		
13C3-PFBS (S)	80	%.	40-135		1	03/13/25 08:43	03/13/25 21:13		
13C3-PFHxS (S)	78	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		
13C4-PFBA (S)	84	%.	5-130		1	03/13/25 08:43	03/13/25 21:13		
13C4-PFHpA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		
13C5-PFHxA (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		
13C5-PFPeA (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		
13C6-PFDA (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		
13C8-PFOA (S)	87	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		
13C8-PFOS (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW11-0-240304 **Lab ID: 10726385015** Collected: 03/04/25 12:05 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	47	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		
13C9-PFNA (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 21:13		
d3-MeFOSAA (S)	74	%.	40-170		1	03/13/25 08:43	03/13/25 21:13		
d3-NMeFOSA (S)	37	%.	10-130		1	03/13/25 08:43	03/13/25 21:13		
d5-EtFOSAA (S)	74	%.	25-135		1	03/13/25 08:43	03/13/25 21:13		
d5-NEtFOSA (S)	36	%.	10-130		1	03/13/25 08:43	03/13/25 21:13		
d7-NMeFOSE (S)	35	%.	10-130		1	03/13/25 08:43	03/13/25 21:13		
d9-NEtFOSE (S)	33	%.	10-130		1	03/13/25 08:43	03/13/25 21:13		
13C2-PFTA (S)	77	%.	10-130		1	03/13/25 08:43	03/13/25 21:13		
13C7-PFUdA (S)	84	%.	30-130		1	03/13/25 08:43	03/13/25 21:13		
13C24:2FTS (S)	149	%.	40-200		1	03/13/25 08:43	03/13/25 21:13		
13C26:2FTS (S)	188	%.	40-200		1	03/13/25 08:43	03/13/25 21:13		
13C28:2FTS (S)	219	%.	40-300		1	03/13/25 08:43	03/13/25 21:13		
13C3-PFPrA (S)	78	%.	5-130		1	03/13/25 08:43	03/13/25 21:13		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW12-0-250304 **Lab ID: 10726385016** Collected: 03/04/25 09:30 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0080**	ug/L	0.026	0.0080	1	03/13/25 08:43	03/13/25 21:22	763051-92-9	
4:2 FTS	**<0.0066**	ug/L	0.026	0.0066	1	03/13/25 08:43	03/13/25 21:22	757124-72-4	
6:2 FTS	**<0.0076**	ug/L	0.026	0.0076	1	03/13/25 08:43	03/13/25 21:22	27619-97-2	
8:2 FTS	**<0.0069**	ug/L	0.026	0.0069	1	03/13/25 08:43	03/13/25 21:22	39108-34-4	
9Cl-PF3ONS	**<0.0070**	ug/L	0.026	0.0070	1	03/13/25 08:43	03/13/25 21:22	756426-58-1	
ADONA	**<0.0078**	ug/L	0.026	0.0078	1	03/13/25 08:43	03/13/25 21:22	919005-14-4	
HFPO-DA	**<0.0074**	ug/L	0.026	0.0074	1	03/13/25 08:43	03/13/25 21:22	13252-13-6	
NEtFOSAA	**<0.0027**	ug/L	0.0066	0.0027	1	03/13/25 08:43	03/13/25 21:22	2991-50-6	
NEtFOSA	**<0.0021**	ug/L	0.0066	0.0021	1	03/13/25 08:43	03/13/25 21:22	4151-50-2	
NEtFOSE	**<0.017**	ug/L	0.066	0.017	1	03/13/25 08:43	03/13/25 21:22	1691-99-2	
NMeFOSAA	**<0.0021**	ug/L	0.0066	0.0021	1	03/13/25 08:43	03/13/25 21:22	2355-31-9	
NMeFOSA	**<0.0020**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:22	31506-32-8	
NMeFOSE	**<0.017**	ug/L	0.066	0.017	1	03/13/25 08:43	03/13/25 21:22	24448-09-7	
PFBS	**<0.0017**	ug/L	0.0066	0.0017	1	03/13/25 08:43	03/13/25 21:22	375-73-5	
PFDA	**<0.0020**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:22	335-76-2	
PFHxA	**<0.0016**	ug/L	0.0066	0.0016	1	03/13/25 08:43	03/13/25 21:22	307-24-4	
PFBA	**<0.0064**	ug/L	0.026	0.0064	1	03/13/25 08:43	03/13/25 21:22	375-22-4	
PFDS	**<0.0028**	ug/L	0.0066	0.0028	1	03/13/25 08:43	03/13/25 21:22	335-77-3	
PFDoS	**<0.0014**	ug/L	0.0066	0.0014	1	03/13/25 08:43	03/13/25 21:22	79780-39-5	
PFHpS	**<0.0019**	ug/L	0.0066	0.0019	1	03/13/25 08:43	03/13/25 21:22	375-92-8	
PFNS	**<0.0019**	ug/L	0.0066	0.0019	1	03/13/25 08:43	03/13/25 21:22	68259-12-1	
PFOSA	**<0.0020**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:22	754-91-6	
PFPeA	**<0.0039**	ug/L	0.013	0.0039	1	03/13/25 08:43	03/13/25 21:22	2706-90-3	
PFPeS	**<0.0016**	ug/L	0.0066	0.0016	1	03/13/25 08:43	03/13/25 21:22	2706-91-4	
PFDoA	**<0.0020**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:22	307-55-1	
PFHpA	**<0.0025**	ug/L	0.0066	0.0025	1	03/13/25 08:43	03/13/25 21:22	375-85-9	
PFHxS	**<0.0017**	ug/L	0.0066	0.0017	1	03/13/25 08:43	03/13/25 21:22	355-46-4	
PFNA	**<0.0022**	ug/L	0.0066	0.0022	1	03/13/25 08:43	03/13/25 21:22	375-95-1	
PFOS	**<0.0016**	ug/L	0.0066	0.0016	1	03/13/25 08:43	03/13/25 21:22	1763-23-1	
PFOA	**0.0021J**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:22	335-67-1	
PFTeDA	**<0.0017**	ug/L	0.0066	0.0017	1	03/13/25 08:43	03/13/25 21:22	376-06-7	
PFTrDA	**<0.0019**	ug/L	0.0066	0.0019	1	03/13/25 08:43	03/13/25 21:22	72629-94-8	
PFUnA	**<0.0015**	ug/L	0.0066	0.0015	1	03/13/25 08:43	03/13/25 21:22	2058-94-8	
Surrogates									
13C2-PFDoA (S)	70	%.	10-130		1	03/13/25 08:43	03/13/25 21:22		
13C3HFPO-DA (S)	71	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		
13C3-PFBS (S)	72	%.	40-135		1	03/13/25 08:43	03/13/25 21:22		
13C3-PFHxS (S)	68	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		
13C4-PFBA (S)	70	%.	5-130		1	03/13/25 08:43	03/13/25 21:22		
13C4-PFHpA (S)	70	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		
13C5-PFHxA (S)	72	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		
13C5-PFPeA (S)	70	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		
13C6-PFDA (S)	72	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		
13C8-PFOA (S)	73	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		
13C8-PFOS (S)	74	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW12-0-250304 **Lab ID: 10726385016** Collected: 03/04/25 09:30 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	42	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		
13C9-PFNA (S)	72	%.	40-130		1	03/13/25 08:43	03/13/25 21:22		
d3-MeFOSAA (S)	67	%.	40-170		1	03/13/25 08:43	03/13/25 21:22		
d3-NMeFOSA (S)	33	%.	10-130		1	03/13/25 08:43	03/13/25 21:22		
d5-EtFOSAA (S)	67	%.	25-135		1	03/13/25 08:43	03/13/25 21:22		
d5-NEtFOSA (S)	33	%.	10-130		1	03/13/25 08:43	03/13/25 21:22		
d7-NMeFOSE (S)	33	%.	10-130		1	03/13/25 08:43	03/13/25 21:22		
d9-NEtFOSE (S)	31	%.	10-130		1	03/13/25 08:43	03/13/25 21:22		
13C2-PFTA (S)	72	%.	10-130		1	03/13/25 08:43	03/13/25 21:22		
13C7-PFUdA (S)	75	%.	30-130		1	03/13/25 08:43	03/13/25 21:22		
13C24:2FTS (S)	140	%.	40-200		1	03/13/25 08:43	03/13/25 21:22		
13C26:2FTS (S)	179	%.	40-200		1	03/13/25 08:43	03/13/25 21:22		
13C28:2FTS (S)	207	%.	40-300		1	03/13/25 08:43	03/13/25 21:22		
13C3-PFPrA (S)	68	%.	5-130		1	03/13/25 08:43	03/13/25 21:22		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW12D-0-250304 **Lab ID: 10726385017** Collected: 03/04/25 09:30 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0041**	ug/L	0.014	0.0041	1	03/13/25 08:43	03/13/25 21:31	763051-92-9	
4:2 FTS	**<0.0034**	ug/L	0.014	0.0034	1	03/13/25 08:43	03/13/25 21:31	757124-72-4	
6:2 FTS	**<0.0039**	ug/L	0.014	0.0039	1	03/13/25 08:43	03/13/25 21:31	27619-97-2	
8:2 FTS	**<0.0035**	ug/L	0.014	0.0035	1	03/13/25 08:43	03/13/25 21:31	39108-34-4	
9Cl-PF3ONS	**<0.0036**	ug/L	0.014	0.0036	1	03/13/25 08:43	03/13/25 21:31	756426-58-1	
ADONA	**<0.0040**	ug/L	0.014	0.0040	1	03/13/25 08:43	03/13/25 21:31	919005-14-4	
HFPO-DA	**<0.0038**	ug/L	0.014	0.0038	1	03/13/25 08:43	03/13/25 21:31	13252-13-6	
NEtFOSAA	**<0.0014**	ug/L	0.0034	0.0014	1	03/13/25 08:43	03/13/25 21:31	2991-50-6	
NEtFOSA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 21:31	4151-50-2	
NEtFOSE	**<0.0088**	ug/L	0.034	0.0088	1	03/13/25 08:43	03/13/25 21:31	1691-99-2	
NMeFOSAA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 21:31	2355-31-9	
NMeFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:31	31506-32-8	
NMeFOSE	**<0.0087**	ug/L	0.034	0.0087	1	03/13/25 08:43	03/13/25 21:31	24448-09-7	
PFBS	**<0.00089**	ug/L	0.0034	0.00089	1	03/13/25 08:43	03/13/25 21:31	375-73-5	
PFDA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 21:31	335-76-2	
PFHxA	**<0.00082**	ug/L	0.0034	0.00082	1	03/13/25 08:43	03/13/25 21:31	307-24-4	
PFBA	**0.0034J**	ug/L	0.014	0.0033	1	03/13/25 08:43	03/13/25 21:31	375-22-4	
PFDS	**<0.0015**	ug/L	0.0034	0.0015	1	03/13/25 08:43	03/13/25 21:31	335-77-3	
PFDoS	**<0.00073**	ug/L	0.0034	0.00073	1	03/13/25 08:43	03/13/25 21:31	79780-39-5	
PFHpS	**<0.00099**	ug/L	0.0034	0.00099	1	03/13/25 08:43	03/13/25 21:31	375-92-8	
PFNS	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:31	68259-12-1	
PFOSA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:31	754-91-6	
PFPeA	**<0.0020**	ug/L	0.0068	0.0020	1	03/13/25 08:43	03/13/25 21:31	2706-90-3	
PFPeS	**<0.00081**	ug/L	0.0034	0.00081	1	03/13/25 08:43	03/13/25 21:31	2706-91-4	
PFDoA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:31	307-55-1	
PFHpA	**<0.0013**	ug/L	0.0034	0.0013	1	03/13/25 08:43	03/13/25 21:31	375-85-9	
PFHxS	**<0.00087**	ug/L	0.0034	0.00087	1	03/13/25 08:43	03/13/25 21:31	355-46-4	
PFNA	**<0.0011**	ug/L	0.0034	0.0011	1	03/13/25 08:43	03/13/25 21:31	375-95-1	
PFOS	**0.0010J**	ug/L	0.0034	0.00083	1	03/13/25 08:43	03/13/25 21:31	1763-23-1	
PFOA	**<0.0010**	ug/L	0.0034	0.0010	1	03/13/25 08:43	03/13/25 21:31	335-67-1	
PFTeDA	**<0.00088**	ug/L	0.0034	0.00088	1	03/13/25 08:43	03/13/25 21:31	376-06-7	
PFTrDA	**<0.00096**	ug/L	0.0034	0.00096	1	03/13/25 08:43	03/13/25 21:31	72629-94-8	
PFUnA	**<0.00075**	ug/L	0.0034	0.00075	1	03/13/25 08:43	03/13/25 21:31	2058-94-8	
Surrogates									
13C2-PFDoA (S)	67	%.	10-130		1	03/13/25 08:43	03/13/25 21:31		
13C3HFPO-DA (S)	68	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		
13C3-PFBS (S)	67	%.	40-135		1	03/13/25 08:43	03/13/25 21:31		
13C3-PFHxS (S)	69	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		
13C4-PFBA (S)	71	%.	5-130		1	03/13/25 08:43	03/13/25 21:31		
13C4-PFHpA (S)	68	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		
13C5-PFHxA (S)	71	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		
13C5-PFPeA (S)	71	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		
13C6-PFDA (S)	71	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		
13C8-PFOA (S)	73	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-MW12D-0-250304 **Lab ID: 10726385017** Collected: 03/04/25 09:30 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOS (S)	69	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		
13C8-PFOSA (S)	42	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		
13C9-PFNA (S)	69	%.	40-130		1	03/13/25 08:43	03/13/25 21:31		
d3-MeFOSAA (S)	65	%.	40-170		1	03/13/25 08:43	03/13/25 21:31		
d3-NMeFOSA (S)	33	%.	10-130		1	03/13/25 08:43	03/13/25 21:31		
d5-EtFOSAA (S)	59	%.	25-135		1	03/13/25 08:43	03/13/25 21:31		
d5-NEtFOSA (S)	32	%.	10-130		1	03/13/25 08:43	03/13/25 21:31		
d7-NMeFOSE (S)	32	%.	10-130		1	03/13/25 08:43	03/13/25 21:31		
d9-NEtFOSE (S)	30	%.	10-130		1	03/13/25 08:43	03/13/25 21:31		
13C2-PFTA (S)	70	%.	10-130		1	03/13/25 08:43	03/13/25 21:31		
13C7-PFUdA (S)	73	%.	30-130		1	03/13/25 08:43	03/13/25 21:31		
13C24:2FTS (S)	141	%.	40-200		1	03/13/25 08:43	03/13/25 21:31		
13C26:2FTS (S)	172	%.	40-200		1	03/13/25 08:43	03/13/25 21:31		
13C28:2FTS (S)	200	%.	40-300		1	03/13/25 08:43	03/13/25 21:31		
13C3-PFPrA (S)	60	%.	5-130		1	03/13/25 08:43	03/13/25 21:31		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ1-0-250307 **Lab ID: 10726385018** Collected: 03/07/25 09:40 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0080**	ug/L	0.026	0.0080	1	03/13/25 08:43	03/13/25 21:40	763051-92-9	
4:2 FTS	**<0.0066**	ug/L	0.026	0.0066	1	03/13/25 08:43	03/13/25 21:40	757124-72-4	
6:2 FTS	**<0.0076**	ug/L	0.026	0.0076	1	03/13/25 08:43	03/13/25 21:40	27619-97-2	
8:2 FTS	**<0.0068**	ug/L	0.026	0.0068	1	03/13/25 08:43	03/13/25 21:40	39108-34-4	
9Cl-PF3ONS	**<0.0070**	ug/L	0.026	0.0070	1	03/13/25 08:43	03/13/25 21:40	756426-58-1	
ADONA	**<0.0077**	ug/L	0.026	0.0077	1	03/13/25 08:43	03/13/25 21:40	919005-14-4	
HFPO-DA	**<0.0074**	ug/L	0.026	0.0074	1	03/13/25 08:43	03/13/25 21:40	13252-13-6	
NEtFOSAA	**<0.0027**	ug/L	0.0066	0.0027	1	03/13/25 08:43	03/13/25 21:40	2991-50-6	
NEtFOSA	**<0.0021**	ug/L	0.0066	0.0021	1	03/13/25 08:43	03/13/25 21:40	4151-50-2	
NEtFOSE	**<0.017**	ug/L	0.066	0.017	1	03/13/25 08:43	03/13/25 21:40	1691-99-2	
NMeFOSAA	**<0.0021**	ug/L	0.0066	0.0021	1	03/13/25 08:43	03/13/25 21:40	2355-31-9	
NMeFOSA	**<0.0020**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:40	31506-32-8	
NMeFOSE	**<0.017**	ug/L	0.066	0.017	1	03/13/25 08:43	03/13/25 21:40	24448-09-7	
PFBS	**0.020**	ug/L	0.0066	0.0017	1	03/13/25 08:43	03/13/25 21:40	375-73-5	
PFDA	**<0.0020**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:40	335-76-2	
PFHxA	**0.032**	ug/L	0.0066	0.0016	1	03/13/25 08:43	03/13/25 21:40	307-24-4	
PFBA	**0.010J**	ug/L	0.026	0.0064	1	03/13/25 08:43	03/13/25 21:40	375-22-4	
PFDS	**<0.0028**	ug/L	0.0066	0.0028	1	03/13/25 08:43	03/13/25 21:40	335-77-3	
PFDoS	**<0.0014**	ug/L	0.0066	0.0014	1	03/13/25 08:43	03/13/25 21:40	79780-39-5	
PFHpS	**0.0027J**	ug/L	0.0066	0.0019	1	03/13/25 08:43	03/13/25 21:40	375-92-8	
PFNS	**<0.0019**	ug/L	0.0066	0.0019	1	03/13/25 08:43	03/13/25 21:40	68259-12-1	
PFOSA	**<0.0020**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:40	754-91-6	
PFPeA	**0.0072J**	ug/L	0.013	0.0039	1	03/13/25 08:43	03/13/25 21:40	2706-90-3	
PFPeS	**0.041**	ug/L	0.0066	0.0016	1	03/13/25 08:43	03/13/25 21:40	2706-91-4	
PFDoA	**<0.0020**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:40	307-55-1	
PFHpA	**0.0060J**	ug/L	0.0066	0.0025	1	03/13/25 08:43	03/13/25 21:40	375-85-9	
PFHxS	**1.3**	ug/L	0.0066	0.0017	1	03/13/25 08:43	03/13/25 21:40	355-46-4	
PFNA	**<0.0022**	ug/L	0.0066	0.0022	1	03/13/25 08:43	03/13/25 21:40	375-95-1	
PFOS	**0.0020J**	ug/L	0.0066	0.0016	1	03/13/25 08:43	03/13/25 21:40	1763-23-1	
PFOA	**0.027**	ug/L	0.0066	0.0020	1	03/13/25 08:43	03/13/25 21:40	335-67-1	
PFTeDA	**<0.0017**	ug/L	0.0066	0.0017	1	03/13/25 08:43	03/13/25 21:40	376-06-7	
PFTrDA	**<0.0019**	ug/L	0.0066	0.0019	1	03/13/25 08:43	03/13/25 21:40	72629-94-8	
PFUnA	**<0.0015**	ug/L	0.0066	0.0015	1	03/13/25 08:43	03/13/25 21:40	2058-94-8	
Surrogates									
13C2-PFDoA (S)	82	%.	10-130		1	03/13/25 08:43	03/13/25 21:40		1M
13C3HFPO-DA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		
13C3-PFBS (S)	85	%.	40-135		1	03/13/25 08:43	03/13/25 21:40		
13C3-PFHxS (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		
13C4-PFBA (S)	88	%.	5-130		1	03/13/25 08:43	03/13/25 21:40		
13C4-PFHpA (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		
13C5-PFHxA (S)	88	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		
13C5-PFPeA (S)	87	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		
13C6-PFDA (S)	87	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		
13C8-PFOA (S)	88	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		
13C8-PFOS (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ1-0-250307 **Lab ID: 10726385018** Collected: 03/07/25 09:40 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	39	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		S0
13C9-PFNA (S)	87	%.	40-130		1	03/13/25 08:43	03/13/25 21:40		
d3-MeFOSAA (S)	75	%.	40-170		1	03/13/25 08:43	03/13/25 21:40		
d3-NMeFOSA (S)	35	%.	10-130		1	03/13/25 08:43	03/13/25 21:40		
d5-EtFOSAA (S)	72	%.	25-135		1	03/13/25 08:43	03/13/25 21:40		
d5-NEtFOSA (S)	35	%.	10-130		1	03/13/25 08:43	03/13/25 21:40		
d7-NMeFOSE (S)	35	%.	10-130		1	03/13/25 08:43	03/13/25 21:40		
d9-NEtFOSE (S)	32	%.	10-130		1	03/13/25 08:43	03/13/25 21:40		
13C2-PFTA (S)	83	%.	10-130		1	03/13/25 08:43	03/13/25 21:40		
13C7-PFUdA (S)	87	%.	30-130		1	03/13/25 08:43	03/13/25 21:40		
13C24:2FTS (S)	155	%.	40-200		1	03/13/25 08:43	03/13/25 21:40		
13C26:2FTS (S)	192	%.	40-200		1	03/13/25 08:43	03/13/25 21:40		
13C28:2FTS (S)	237	%.	40-300		1	03/13/25 08:43	03/13/25 21:40		
13C3-PFPrA (S)	85	%.	5-130		1	03/13/25 08:43	03/13/25 21:40		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ2-0-250307 **Lab ID: 10726385019** Collected: 03/07/25 08:30 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0086**	ug/L	0.029	0.0086	1	03/13/25 08:43	03/13/25 21:50	763051-92-9	
4:2 FTS	**<0.0071**	ug/L	0.029	0.0071	1	03/13/25 08:43	03/13/25 21:50	757124-72-4	
6:2 FTS	**<0.0082**	ug/L	0.029	0.0082	1	03/13/25 08:43	03/13/25 21:50	27619-97-2	
8:2 FTS	**<0.0074**	ug/L	0.029	0.0074	1	03/13/25 08:43	03/13/25 21:50	39108-34-4	
9Cl-PF3ONS	**<0.0075**	ug/L	0.029	0.0075	1	03/13/25 08:43	03/13/25 21:50	756426-58-1	
ADONA	**<0.0084**	ug/L	0.029	0.0084	1	03/13/25 08:43	03/13/25 21:50	919005-14-4	
HFPO-DA	**<0.0080**	ug/L	0.029	0.0080	1	03/13/25 08:43	03/13/25 21:50	13252-13-6	
NEtFOSAA	**<0.0030**	ug/L	0.0071	0.0030	1	03/13/25 08:43	03/13/25 21:50	2991-50-6	
NEtFOSA	**<0.0023**	ug/L	0.0071	0.0023	1	03/13/25 08:43	03/13/25 21:50	4151-50-2	
NEtFOSE	**<0.018**	ug/L	0.071	0.018	1	03/13/25 08:43	03/13/25 21:50	1691-99-2	
NMeFOSAA	**<0.0022**	ug/L	0.0071	0.0022	1	03/13/25 08:43	03/13/25 21:50	2355-31-9	
NMeFOSA	**<0.0022**	ug/L	0.0071	0.0022	1	03/13/25 08:43	03/13/25 21:50	31506-32-8	
NMeFOSE	**<0.018**	ug/L	0.071	0.018	1	03/13/25 08:43	03/13/25 21:50	24448-09-7	
PFBS	**0.020**	ug/L	0.0071	0.0019	1	03/13/25 08:43	03/13/25 21:50	375-73-5	
PFDA	**<0.0022**	ug/L	0.0071	0.0022	1	03/13/25 08:43	03/13/25 21:50	335-76-2	
PFHxA	**0.058**	ug/L	0.0071	0.0017	1	03/13/25 08:43	03/13/25 21:50	307-24-4	
PFBA	**0.024J**	ug/L	0.029	0.0069	1	03/13/25 08:43	03/13/25 21:50	375-22-4	
PFDS	**<0.0031**	ug/L	0.0071	0.0031	1	03/13/25 08:43	03/13/25 21:50	335-77-3	
PFDoS	**<0.0015**	ug/L	0.0071	0.0015	1	03/13/25 08:43	03/13/25 21:50	79780-39-5	
PFHpS	**0.019**	ug/L	0.0071	0.0021	1	03/13/25 08:43	03/13/25 21:50	375-92-8	
PFNS	**<0.0021**	ug/L	0.0071	0.0021	1	03/13/25 08:43	03/13/25 21:50	68259-12-1	
PFOSA	**<0.0022**	ug/L	0.0071	0.0022	1	03/13/25 08:43	03/13/25 21:50	754-91-6	
PFPeA	**0.018**	ug/L	0.014	0.0042	1	03/13/25 08:43	03/13/25 21:50	2706-90-3	
PFPeS	**0.061**	ug/L	0.0071	0.0017	1	03/13/25 08:43	03/13/25 21:50	2706-91-4	
PFDoA	**<0.0022**	ug/L	0.0071	0.0022	1	03/13/25 08:43	03/13/25 21:50	307-55-1	
PFHpA	**0.012**	ug/L	0.0071	0.0027	1	03/13/25 08:43	03/13/25 21:50	375-85-9	
PFHxS	**1.2**	ug/L	0.0071	0.0018	1	03/13/25 08:43	03/13/25 21:50	355-46-4	
PFNA	**<0.0023**	ug/L	0.0071	0.0023	1	03/13/25 08:43	03/13/25 21:50	375-95-1	
PFOS	**0.11**	ug/L	0.0071	0.0018	1	03/13/25 08:43	03/13/25 21:50	1763-23-1	
PFOA	**0.097**	ug/L	0.0071	0.0022	1	03/13/25 08:43	03/13/25 21:50	335-67-1	
PFTeDA	**<0.0018**	ug/L	0.0071	0.0018	1	03/13/25 08:43	03/13/25 21:50	376-06-7	
PFTrDA	**<0.0020**	ug/L	0.0071	0.0020	1	03/13/25 08:43	03/13/25 21:50	72629-94-8	
PFUnA	**<0.0016**	ug/L	0.0071	0.0016	1	03/13/25 08:43	03/13/25 21:50	2058-94-8	
Surrogates									
13C2-PFDoA (S)	80	%.	10-130		1	03/13/25 08:43	03/13/25 21:50		
13C3HFPO-DA (S)	87	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		
13C3-PFBS (S)	83	%.	40-135		1	03/13/25 08:43	03/13/25 21:50		
13C3-PFHxS (S)	82	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		
13C4-PFBA (S)	85	%.	5-130		1	03/13/25 08:43	03/13/25 21:50		
13C4-PFHpA (S)	83	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		
13C5-PFHxA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		
13C5-PFPeA (S)	85	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		
13C6-PFDA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		
13C8-PFOA (S)	88	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		
13C8-PFOS (S)	80	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ2-0-250307 **Lab ID: 10726385019** Collected: 03/07/25 08:30 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	46	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		
13C9-PFNA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 21:50		
d3-MeFOSAA (S)	74	%.	40-170		1	03/13/25 08:43	03/13/25 21:50		
d3-NMeFOSA (S)	38	%.	10-130		1	03/13/25 08:43	03/13/25 21:50		
d5-EtFOSAA (S)	73	%.	25-135		1	03/13/25 08:43	03/13/25 21:50		
d5-NEtFOSA (S)	37	%.	10-130		1	03/13/25 08:43	03/13/25 21:50		
d7-NMeFOSE (S)	35	%.	10-130		1	03/13/25 08:43	03/13/25 21:50		
d9-NEtFOSE (S)	33	%.	10-130		1	03/13/25 08:43	03/13/25 21:50		
13C2-PFTA (S)	83	%.	10-130		1	03/13/25 08:43	03/13/25 21:50		
13C7-PFUdA (S)	87	%.	30-130		1	03/13/25 08:43	03/13/25 21:50		
13C24:2FTS (S)	142	%.	40-200		1	03/13/25 08:43	03/13/25 21:50		
13C26:2FTS (S)	195	%.	40-200		1	03/13/25 08:43	03/13/25 21:50		
13C28:2FTS (S)	225	%.	40-300		1	03/13/25 08:43	03/13/25 21:50		
13C3-PFPrA (S)	94	%.	5-130		1	03/13/25 08:43	03/13/25 21:50		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3-0-250306 **Lab ID: 10726385020** Collected: 03/06/25 15:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.020**	ug/L	0.066	0.020	1	03/13/25 08:43	03/13/25 21:59	763051-92-9	
4:2 FTS	**<0.017**	ug/L	0.066	0.017	1	03/13/25 08:43	03/13/25 21:59	757124-72-4	
6:2 FTS	**<0.019**	ug/L	0.066	0.019	1	03/13/25 08:43	03/13/25 21:59	27619-97-2	
8:2 FTS	**<0.017**	ug/L	0.066	0.017	1	03/13/25 08:43	03/13/25 21:59	39108-34-4	
9Cl-PF3ONS	**<0.017**	ug/L	0.066	0.017	1	03/13/25 08:43	03/13/25 21:59	756426-58-1	
ADONA	**<0.019**	ug/L	0.066	0.019	1	03/13/25 08:43	03/13/25 21:59	919005-14-4	
HFPO-DA	**<0.019**	ug/L	0.066	0.019	1	03/13/25 08:43	03/13/25 21:59	13252-13-6	
NEtFOSAA	**<0.0069**	ug/L	0.017	0.0069	1	03/13/25 08:43	03/13/25 21:59	2991-50-6	
NEtFOSA	**<0.0052**	ug/L	0.017	0.0052	1	03/13/25 08:43	03/13/25 21:59	4151-50-2	
NEtFOSE	**<0.043**	ug/L	0.17	0.043	1	03/13/25 08:43	03/13/25 21:59	1691-99-2	
NMeFOSAA	**<0.0052**	ug/L	0.017	0.0052	1	03/13/25 08:43	03/13/25 21:59	2355-31-9	
NMeFOSA	**<0.0051**	ug/L	0.017	0.0051	1	03/13/25 08:43	03/13/25 21:59	31506-32-8	
NMeFOSE	**<0.043**	ug/L	0.17	0.043	1	03/13/25 08:43	03/13/25 21:59	24448-09-7	
PFBS	**0.21**	ug/L	0.017	0.0043	1	03/13/25 08:43	03/13/25 21:59	375-73-5	
PFDA	**<0.0051**	ug/L	0.017	0.0051	1	03/13/25 08:43	03/13/25 21:59	335-76-2	
PFHxA	**0.37**	ug/L	0.017	0.0040	1	03/13/25 08:43	03/13/25 21:59	307-24-4	
PFBA	**0.055J**	ug/L	0.066	0.016	1	03/13/25 08:43	03/13/25 21:59	375-22-4	
PFDS	**<0.0071**	ug/L	0.017	0.0071	1	03/13/25 08:43	03/13/25 21:59	335-77-3	
PFDoS	**<0.0036**	ug/L	0.017	0.0036	1	03/13/25 08:43	03/13/25 21:59	79780-39-5	
PFHpS	**0.077**	ug/L	0.017	0.0048	1	03/13/25 08:43	03/13/25 21:59	375-92-8	
PFNS	**<0.0049**	ug/L	0.017	0.0049	1	03/13/25 08:43	03/13/25 21:59	68259-12-1	
PFOSA	**<0.0051**	ug/L	0.017	0.0051	1	03/13/25 08:43	03/13/25 21:59	754-91-6	
PFPeA	**0.072**	ug/L	0.033	0.0099	1	03/13/25 08:43	03/13/25 21:59	2706-90-3	
PFPeS	**0.42**	ug/L	0.017	0.0039	1	03/13/25 08:43	03/13/25 21:59	2706-91-4	
PFDoA	**<0.0051**	ug/L	0.017	0.0051	1	03/13/25 08:43	03/13/25 21:59	307-55-1	
PFHpA	**0.067**	ug/L	0.017	0.0064	1	03/13/25 08:43	03/13/25 21:59	375-85-9	
PFHxS	**3.5**	ug/L	0.017	0.0042	1	03/13/25 08:43	03/13/25 21:59	355-46-4	
PFNA	**<0.0054**	ug/L	0.017	0.0054	1	03/13/25 08:43	03/13/25 21:59	375-95-1	
PFOS	**2.4**	ug/L	0.017	0.0041	1	03/13/25 08:43	03/13/25 21:59	1763-23-1	
PFOA	**0.25**	ug/L	0.017	0.0050	1	03/13/25 08:43	03/13/25 21:59	335-67-1	
PFTeDA	**<0.0043**	ug/L	0.017	0.0043	1	03/13/25 08:43	03/13/25 21:59	376-06-7	
PFTrDA	**<0.0047**	ug/L	0.017	0.0047	1	03/13/25 08:43	03/13/25 21:59	72629-94-8	
PFUnA	**<0.0037**	ug/L	0.017	0.0037	1	03/13/25 08:43	03/13/25 21:59	2058-94-8	
Surrogates									
13C2-PFDoA (S)	83	%.	10-130		1	03/13/25 08:43	03/13/25 21:59		
13C3HFPO-DA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		
13C3-PFBS (S)	90	%.	40-135		1	03/13/25 08:43	03/13/25 21:59		
13C3-PFHxS (S)	88	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		
13C4-PFBA (S)	88	%.	5-130		1	03/13/25 08:43	03/13/25 21:59		
13C4-PFHpA (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		
13C5-PFHxA (S)	87	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		
13C5-PFPeA (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		
13C6-PFDA (S)	84	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		
13C8-PFOA (S)	90	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		
13C8-PFOS (S)	86	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3-0-250306 **Lab ID: 10726385020** Collected: 03/06/25 15:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	47	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		
13C9-PFNA (S)	89	%.	40-130		1	03/13/25 08:43	03/13/25 21:59		
d3-MeFOSAA (S)	73	%.	40-170		1	03/13/25 08:43	03/13/25 21:59		
d3-NMeFOSA (S)	34	%.	10-130		1	03/13/25 08:43	03/13/25 21:59		
d5-EtFOSAA (S)	73	%.	25-135		1	03/13/25 08:43	03/13/25 21:59		
d5-NEtFOSA (S)	32	%.	10-130		1	03/13/25 08:43	03/13/25 21:59		
d7-NMeFOSE (S)	35	%.	10-130		1	03/13/25 08:43	03/13/25 21:59		
d9-NEtFOSE (S)	32	%.	10-130		1	03/13/25 08:43	03/13/25 21:59		
13C2-PFTA (S)	84	%.	10-130		1	03/13/25 08:43	03/13/25 21:59		
13C7-PFUdA (S)	95	%.	30-130		1	03/13/25 08:43	03/13/25 21:59		
13C24:2FTS (S)	129	%.	40-200		1	03/13/25 08:43	03/13/25 21:59		
13C26:2FTS (S)	182	%.	40-200		1	03/13/25 08:43	03/13/25 21:59		
13C28:2FTS (S)	224	%.	40-300		1	03/13/25 08:43	03/13/25 21:59		
13C3-PFPrA (S)	93	%.	5-130		1	03/13/25 08:43	03/13/25 21:59		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3-DB-250306 **Lab ID: 10726385021** Collected: 03/06/25 15:20 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0085**	ug/L	0.028	0.0085	1	03/14/25 13:30	03/17/25 18:02	763051-92-9	
4:2 FTS	**<0.0070**	ug/L	0.028	0.0070	1	03/14/25 13:30	03/17/25 18:02	757124-72-4	
6:2 FTS	**<0.0081**	ug/L	0.028	0.0081	1	03/14/25 13:30	03/17/25 18:02	27619-97-2	
8:2 FTS	**<0.0073**	ug/L	0.028	0.0073	1	03/14/25 13:30	03/17/25 18:02	39108-34-4	
9Cl-PF3ONS	**<0.0074**	ug/L	0.028	0.0074	1	03/14/25 13:30	03/17/25 18:02	756426-58-1	
ADONA	**<0.0083**	ug/L	0.028	0.0083	1	03/14/25 13:30	03/17/25 18:02	919005-14-4	
HFPO-DA	**<0.0079**	ug/L	0.028	0.0079	1	03/14/25 13:30	03/17/25 18:02	13252-13-6	
NEtFOSAA	**<0.0029**	ug/L	0.0070	0.0029	1	03/14/25 13:30	03/17/25 18:02	2991-50-6	
NEtFOSA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 18:02	4151-50-2	
NEtFOSE	**<0.018**	ug/L	0.070	0.018	1	03/14/25 13:30	03/17/25 18:02	1691-99-2	
NMeFOSAA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 18:02	2355-31-9	
NMeFOSA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 18:02	31506-32-8	
NMeFOSE	**<0.018**	ug/L	0.070	0.018	1	03/14/25 13:30	03/17/25 18:02	24448-09-7	
PFBS	**0.21**	ug/L	0.0070	0.0018	1	03/14/25 13:30	03/17/25 18:02	375-73-5	
PFDA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 18:02	335-76-2	
PFHxA	**0.36**	ug/L	0.0070	0.0017	1	03/14/25 13:30	03/17/25 18:02	307-24-4	
PFBA	**0.053**	ug/L	0.028	0.0068	1	03/14/25 13:30	03/17/25 18:02	375-22-4	
PFDS	**<0.0030**	ug/L	0.0070	0.0030	1	03/14/25 13:30	03/17/25 18:02	335-77-3	
PFDoS	**<0.0015**	ug/L	0.0070	0.0015	1	03/14/25 13:30	03/17/25 18:02	79780-39-5	
PFHpS	**0.070**	ug/L	0.0070	0.0020	1	03/14/25 13:30	03/17/25 18:02	375-92-8	
PFNS	**<0.0021**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 18:02	68259-12-1	
PFOSA	**<0.0021**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 18:02	754-91-6	
PFPeA	**0.068**	ug/L	0.014	0.0042	1	03/14/25 13:30	03/17/25 18:02	2706-90-3	
PFPeS	**0.47**	ug/L	0.0070	0.0017	1	03/14/25 13:30	03/17/25 18:02	2706-91-4	
PFDoA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 18:02	307-55-1	
PFHpA	**0.063**	ug/L	0.0070	0.0027	1	03/14/25 13:30	03/17/25 18:02	375-85-9	
PFHxS	**3.2**	ug/L	0.070	0.018	10	03/14/25 13:30	03/19/25 16:57	355-46-4	
PFNA	**<0.0023**	ug/L	0.0070	0.0023	1	03/14/25 13:30	03/17/25 18:02	375-95-1	
PFOS	**2.1**	ug/L	0.070	0.017	10	03/14/25 13:30	03/19/25 16:57	1763-23-1	
PFOA	**0.24**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 18:02	335-67-1	
PFTeDA	**<0.0018**	ug/L	0.0070	0.0018	1	03/14/25 13:30	03/17/25 18:02	376-06-7	
PFTrDA	**<0.0020**	ug/L	0.0070	0.0020	1	03/14/25 13:30	03/17/25 18:02	72629-94-8	
PFUnA	**<0.0016**	ug/L	0.0070	0.0016	1	03/14/25 13:30	03/17/25 18:02	2058-94-8	
Surrogates									
13C2-PFDoA (S)	94	%.	10-130		1	03/14/25 13:30	03/17/25 18:02		1M
13C3HFPO-DA (S)	85	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		
13C3-PFBS (S)	100	%.	40-135		1	03/14/25 13:30	03/17/25 18:02		
13C3-PFHxS (S)	84	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		
13C3-PFHxS (S)	89	%.	40-130		10	03/14/25 13:30	03/19/25 16:57		
13C4-PFBA (S)	89	%.	5-130		1	03/14/25 13:30	03/17/25 18:02		
13C4-PFHpA (S)	85	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		
13C5-PFHxA (S)	88	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		
13C5-PFPeA (S)	88	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		
13C6-PFDA (S)	87	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		
13C8-PFOA (S)	91	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3-DB-250306 **Lab ID: 10726385021** Collected: 03/06/25 15:20 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOS (S)	85	%.	40-130		10	03/14/25 13:30	03/19/25 16:57		
13C8-PFOS (S)	87	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		
13C8-PFOSA (S)	50	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		
13C9-PFNA (S)	88	%.	40-130		1	03/14/25 13:30	03/17/25 18:02		
d3-MeFOSAA (S)	76	%.	40-170		1	03/14/25 13:30	03/17/25 18:02		
d3-NMeFOSA (S)	42	%.	10-130		1	03/14/25 13:30	03/17/25 18:02		
d5-EtFOSAA (S)	78	%.	25-135		1	03/14/25 13:30	03/17/25 18:02		
d5-NEtFOSA (S)	42	%.	10-130		1	03/14/25 13:30	03/17/25 18:02		
d7-NMeFOSE (S)	40	%.	10-130		1	03/14/25 13:30	03/17/25 18:02		
d9-NEtFOSE (S)	37	%.	10-130		1	03/14/25 13:30	03/17/25 18:02		
13C2-PFTA (S)	92	%.	10-130		1	03/14/25 13:30	03/17/25 18:02		
13C7-PFUdA (S)	100	%.	30-130		1	03/14/25 13:30	03/17/25 18:02		
13C24:2FTS (S)	192	%.	40-200		1	03/14/25 13:30	03/17/25 18:02		
13C26:2FTS (S)	226	%.	40-200		1	03/14/25 13:30	03/17/25 18:02		S0
13C28:2FTS (S)	260	%.	40-300		1	03/14/25 13:30	03/17/25 18:02		
13C3-PFPrA (S)	100	%.	5-130		1	03/14/25 13:30	03/17/25 18:02		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3a-0-250306 **Lab ID: 10726385022** Collected: 03/06/25 16:00 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0018**	ug/L	0.0060	0.0018	1	03/15/25 10:02	03/18/25 20:27	763051-92-9	
4:2 FTS	**<0.0015**	ug/L	0.0060	0.0015	1	03/15/25 10:02	03/18/25 20:27	757124-72-4	
6:2 FTS	**<0.0017**	ug/L	0.0060	0.0017	1	03/15/25 10:02	03/18/25 20:27	27619-97-2	
8:2 FTS	**<0.0016**	ug/L	0.0060	0.0016	1	03/15/25 10:02	03/18/25 20:27	39108-34-4	
9Cl-PF3ONS	**<0.0016**	ug/L	0.0060	0.0016	1	03/15/25 10:02	03/18/25 20:27	756426-58-1	
ADONA	**<0.0018**	ug/L	0.0060	0.0018	1	03/15/25 10:02	03/18/25 20:27	919005-14-4	
HFPO-DA	**<0.0017**	ug/L	0.0060	0.0017	1	03/15/25 10:02	03/18/25 20:27	13252-13-6	
NEtFOSAA	**<0.00063**	ug/L	0.0015	0.00063	1	03/15/25 10:02	03/18/25 20:27	2991-50-6	
NEtFOSA	**<0.00048**	ug/L	0.0015	0.00048	1	03/15/25 10:02	03/18/25 20:27	4151-50-2	
NEtFOSE	**<0.0039**	ug/L	0.015	0.0039	1	03/15/25 10:02	03/18/25 20:27	1691-99-2	
NMeFOSAA	**<0.00047**	ug/L	0.0015	0.00047	1	03/15/25 10:02	03/18/25 20:27	2355-31-9	
NMeFOSA	**<0.00046**	ug/L	0.0015	0.00046	1	03/15/25 10:02	03/18/25 20:27	31506-32-8	
NMeFOSE	**<0.0039**	ug/L	0.015	0.0039	1	03/15/25 10:02	03/18/25 20:27	24448-09-7	
PFBS	**0.28**	ug/L	0.0015	0.00040	1	03/15/25 10:02	03/18/25 20:27	375-73-5	
PFDA	**<0.00047**	ug/L	0.0015	0.00047	1	03/15/25 10:02	03/18/25 20:27	335-76-2	
PFHxA	**0.54**	ug/L	0.015	0.0036	10	03/15/25 10:02	03/19/25 13:11	307-24-4	
PFBA	**0.075**	ug/L	0.0060	0.0015	1	03/15/25 10:02	03/18/25 20:27	375-22-4	
PFDS	**<0.00065**	ug/L	0.0015	0.00065	1	03/15/25 10:02	03/18/25 20:27	335-77-3	
PFDoS	**<0.00032**	ug/L	0.0015	0.00032	1	03/15/25 10:02	03/18/25 20:27	79780-39-5	
PFHpS	**0.11**	ug/L	0.0015	0.00044	1	03/15/25 10:02	03/18/25 20:27	375-92-8	
PFNS	**<0.00044**	ug/L	0.0015	0.00044	1	03/15/25 10:02	03/18/25 20:27	68259-12-1	
PFOSA	**<0.00046**	ug/L	0.0015	0.00046	1	03/15/25 10:02	03/18/25 20:27	754-91-6	
PFPeA	**0.091**	ug/L	0.0030	0.00090	1	03/15/25 10:02	03/18/25 20:27	2706-90-3	
PFPeS	**0.85**	ug/L	0.015	0.0036	10	03/15/25 10:02	03/19/25 13:11	2706-91-4	
PFDoA	**<0.00046**	ug/L	0.0015	0.00046	1	03/15/25 10:02	03/18/25 20:27	307-55-1	
PFHpA	**0.14**	ug/L	0.0015	0.00058	1	03/15/25 10:02	03/18/25 20:27	375-85-9	
PFHxS	**5.6**	ug/L	0.023	0.0058	15	03/15/25 10:02	03/19/25 13:30	355-46-4	
PFNA	**0.00073J**	ug/L	0.0015	0.00049	1	03/15/25 10:02	03/18/25 20:27	375-95-1	
PFOS	**3.7**	ug/L	0.015	0.0037	10	03/15/25 10:02	03/19/25 13:11	1763-23-1	
PFOA	**0.30**	ug/L	0.0015	0.00046	1	03/15/25 10:02	03/18/25 20:27	335-67-1	
PFTeDA	**<0.00039**	ug/L	0.0015	0.00039	1	03/15/25 10:02	03/18/25 20:27	376-06-7	
PFTrDA	**<0.00043**	ug/L	0.0015	0.00043	1	03/15/25 10:02	03/18/25 20:27	72629-94-8	
PFUnA	**<0.00033**	ug/L	0.0015	0.00033	1	03/15/25 10:02	03/18/25 20:27	2058-94-8	
Surrogates									
13C2-PFDoA (S)	82	%.	10-130		1	03/15/25 10:02	03/18/25 20:27		1M
13C3HFPO-DA (S)	81	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		
13C3-PFBS (S)	132	%.	40-135		1	03/15/25 10:02	03/18/25 20:27		
13C3-PFHxS (S)	67	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		
13C3-PFHxS (S)	84	%.	40-130		15	03/15/25 10:02	03/19/25 13:30		
13C3-PFHxS (S)	78	%.	40-130		10	03/15/25 10:02	03/19/25 13:11		
13C4-PFBA (S)	79	%.	5-130		1	03/15/25 10:02	03/18/25 20:27		
13C4-PFHpA (S)	78	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		
13C5-PFHxA (S)	90	%.	40-130		10	03/15/25 10:02	03/19/25 13:11		
13C5-PFHxA (S)	80	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		
13C5-PFPeA (S)	84	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3a-0-250306 **Lab ID: 10726385022** Collected: 03/06/25 16:00 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C6-PFDA (S)	78	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		
13C8-PFOA (S)	81	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		
13C8-PFOS (S)	75	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		
13C8-PFOS (S)	84	%.	40-130		10	03/15/25 10:02	03/19/25 13:11		
13C8-PFOSA (S)	61	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		
13C9-PFNA (S)	82	%.	40-130		1	03/15/25 10:02	03/18/25 20:27		
d3-MeFOSAA (S)	75	%.	40-170		1	03/15/25 10:02	03/18/25 20:27		
d3-NMeFOSA (S)	46	%.	10-130		1	03/15/25 10:02	03/18/25 20:27		
d5-EtFOSAA (S)	82	%.	25-135		1	03/15/25 10:02	03/18/25 20:27		
d5-NEtFOSA (S)	43	%.	10-130		1	03/15/25 10:02	03/18/25 20:27		
d7-NMeFOSE (S)	47	%.	10-130		1	03/15/25 10:02	03/18/25 20:27		
d9-NEtFOSE (S)	42	%.	10-130		1	03/15/25 10:02	03/18/25 20:27		
13C2-PFTA (S)	51	%.	10-130		1	03/15/25 10:02	03/18/25 20:27		
13C7-PFUdA (S)	92	%.	30-130		1	03/15/25 10:02	03/18/25 20:27		
13C24:2FTS (S)	243	%.	40-200		1	03/15/25 10:02	03/18/25 20:27		S0
13C26:2FTS (S)	147	%.	40-200		1	03/15/25 10:02	03/18/25 20:27		
13C28:2FTS (S)	128	%.	40-300		1	03/15/25 10:02	03/18/25 20:27		
13C3-PFPrA (S)	20	%.	5-130		1	03/15/25 10:02	03/18/25 20:27		

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3b-0-250306 **Lab ID: 10726385023** Collected: 03/06/25 14:50 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0019**	ug/L	0.0064	0.0019	1	03/15/25 10:02	03/18/25 20:36	763051-92-9	
4:2 FTS	**<0.0016**	ug/L	0.0064	0.0016	1	03/15/25 10:02	03/18/25 20:36	757124-72-4	
6:2 FTS	**<0.0019**	ug/L	0.0064	0.0019	1	03/15/25 10:02	03/18/25 20:36	27619-97-2	
8:2 FTS	**<0.0017**	ug/L	0.0064	0.0017	1	03/15/25 10:02	03/18/25 20:36	39108-34-4	
9Cl-PF3ONS	**<0.0017**	ug/L	0.0064	0.0017	1	03/15/25 10:02	03/18/25 20:36	756426-58-1	
ADONA	**<0.0019**	ug/L	0.0064	0.0019	1	03/15/25 10:02	03/18/25 20:36	919005-14-4	
HFPO-DA	**<0.0018**	ug/L	0.0064	0.0018	1	03/15/25 10:02	03/18/25 20:36	13252-13-6	
NEtFOSAA	**<0.00067**	ug/L	0.0016	0.00067	1	03/15/25 10:02	03/18/25 20:36	2991-50-6	
NEtFOSA	**<0.00051**	ug/L	0.0016	0.00051	1	03/15/25 10:02	03/18/25 20:36	4151-50-2	
NEtFOSE	**<0.0041**	ug/L	0.016	0.0041	1	03/15/25 10:02	03/18/25 20:36	1691-99-2	
NMeFOSAA	**<0.00050**	ug/L	0.0016	0.00050	1	03/15/25 10:02	03/18/25 20:36	2355-31-9	
NMeFOSA	**<0.00050**	ug/L	0.0016	0.00050	1	03/15/25 10:02	03/18/25 20:36	31506-32-8	
NMeFOSE	**<0.0041**	ug/L	0.016	0.0041	1	03/15/25 10:02	03/18/25 20:36	24448-09-7	
PFBS	**0.26**	ug/L	0.0016	0.00042	1	03/15/25 10:02	03/18/25 20:36	375-73-5	
PFDA	**<0.00050**	ug/L	0.0016	0.00050	1	03/15/25 10:02	03/18/25 20:36	335-76-2	
PFHxA	**0.48**	ug/L	0.0016	0.00039	1	03/15/25 10:02	03/18/25 20:36	307-24-4	
PFBA	**0.068**	ug/L	0.0064	0.0016	1	03/15/25 10:02	03/18/25 20:36	375-22-4	
PFDS	**<0.00069**	ug/L	0.0016	0.00069	1	03/15/25 10:02	03/18/25 20:36	335-77-3	
PFDoS	**<0.00035**	ug/L	0.0016	0.00035	1	03/15/25 10:02	03/18/25 20:36	79780-39-5	
PFHpS	**0.19**	ug/L	0.0016	0.00047	1	03/15/25 10:02	03/18/25 20:36	375-92-8	
PFNS	**<0.00047**	ug/L	0.0016	0.00047	1	03/15/25 10:02	03/18/25 20:36	68259-12-1	
PFOSA	**<0.00049**	ug/L	0.0016	0.00049	1	03/15/25 10:02	03/18/25 20:36	754-91-6	
PFPeA	**0.084**	ug/L	0.0032	0.00096	1	03/15/25 10:02	03/18/25 20:36	2706-90-3	
PFPeS	**0.61**	ug/L	0.016	0.0038	10	03/15/25 10:02	03/19/25 13:20	2706-91-4	
PFDoA	**<0.00049**	ug/L	0.0016	0.00049	1	03/15/25 10:02	03/18/25 20:36	307-55-1	
PFHpA	**0.084**	ug/L	0.0016	0.00062	1	03/15/25 10:02	03/18/25 20:36	375-85-9	
PFHxS	**4.5**	ug/L	0.016	0.0041	10	03/15/25 10:02	03/19/25 13:20	355-46-4	
PFNA	**0.00056J**	ug/L	0.0016	0.00053	1	03/15/25 10:02	03/18/25 20:36	375-95-1	
PFOS	**4.3**	ug/L	0.016	0.0039	10	03/15/25 10:02	03/19/25 13:20	1763-23-1	
PFOA	**0.31**	ug/L	0.0016	0.00049	1	03/15/25 10:02	03/18/25 20:36	335-67-1	
PFTeDA	**<0.00042**	ug/L	0.0016	0.00042	1	03/15/25 10:02	03/18/25 20:36	376-06-7	
PFTrDA	**<0.00046**	ug/L	0.0016	0.00046	1	03/15/25 10:02	03/18/25 20:36	72629-94-8	
PFUnA	**<0.00036**	ug/L	0.0016	0.00036	1	03/15/25 10:02	03/18/25 20:36	2058-94-8	
Surrogates									
13C2-PFDoA (S)	102	%.	10-130		1	03/15/25 10:02	03/18/25 20:36		1M
13C3HFPO-DA (S)	89	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		
13C3-PFBS (S)	143	%.	40-135		1	03/15/25 10:02	03/18/25 20:36		S0
13C3-PFHxS (S)	82	%.	40-130		10	03/15/25 10:02	03/19/25 13:20		
13C3-PFHxS (S)	81	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		
13C4-PFBA (S)	87	%.	5-130		1	03/15/25 10:02	03/18/25 20:36		
13C4-PFHpA (S)	86	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		
13C5-PFHxA (S)	87	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		
13C5-PFPeA (S)	92	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		
13C6-PFDA (S)	86	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		
13C8-PFOA (S)	87	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3b-0-250306 **Lab ID: 10726385023** Collected: 03/06/25 14:50 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOS (S)	85	%.	40-130		10	03/15/25 10:02	03/19/25 13:20		
13C8-PFOS (S)	88	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		
13C8-PFOSA (S)	82	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		
13C9-PFNA (S)	93	%.	40-130		1	03/15/25 10:02	03/18/25 20:36		
d3-MeFOSAA (S)	86	%.	40-170		1	03/15/25 10:02	03/18/25 20:36		
d3-NMeFOSA (S)	56	%.	10-130		1	03/15/25 10:02	03/18/25 20:36		
d5-EtFOSAA (S)	97	%.	25-135		1	03/15/25 10:02	03/18/25 20:36		
d5-NEtFOSA (S)	53	%.	10-130		1	03/15/25 10:02	03/18/25 20:36		
d7-NMeFOSE (S)	60	%.	10-130		1	03/15/25 10:02	03/18/25 20:36		
d9-NEtFOSE (S)	53	%.	10-130		1	03/15/25 10:02	03/18/25 20:36		
13C2-PFTA (S)	59	%.	10-130		1	03/15/25 10:02	03/18/25 20:36		
13C7-PFUdA (S)	109	%.	30-130		1	03/15/25 10:02	03/18/25 20:36		
13C24:2FTS (S)	232	%.	40-200		1	03/15/25 10:02	03/18/25 20:36		S0
13C26:2FTS (S)	145	%.	40-200		1	03/15/25 10:02	03/18/25 20:36		
13C28:2FTS (S)	125	%.	40-300		1	03/15/25 10:02	03/18/25 20:36		
13C3-PFPrA (S)	22	%.	5-130		1	03/15/25 10:02	03/18/25 20:36		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3c-0-250306 **Lab ID: 10726385024** Collected: 03/06/25 14:20 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0020**	ug/L	0.0066	0.0020	1	03/15/25 10:02	03/18/25 20:45	763051-92-9	
4:2 FTS	**<0.0017**	ug/L	0.0066	0.0017	1	03/15/25 10:02	03/18/25 20:45	757124-72-4	
6:2 FTS	**<0.0019**	ug/L	0.0066	0.0019	1	03/15/25 10:02	03/18/25 20:45	27619-97-2	
8:2 FTS	**<0.0017**	ug/L	0.0066	0.0017	1	03/15/25 10:02	03/18/25 20:45	39108-34-4	
9Cl-PF3ONS	**<0.0018**	ug/L	0.0066	0.0018	1	03/15/25 10:02	03/18/25 20:45	756426-58-1	
ADONA	**<0.0019**	ug/L	0.0066	0.0019	1	03/15/25 10:02	03/18/25 20:45	919005-14-4	
HFPO-DA	**<0.0019**	ug/L	0.0066	0.0019	1	03/15/25 10:02	03/18/25 20:45	13252-13-6	
NEtFOSAA	**<0.00069**	ug/L	0.0017	0.00069	1	03/15/25 10:02	03/18/25 20:45	2991-50-6	
NEtFOSA	**<0.00052**	ug/L	0.0017	0.00052	1	03/15/25 10:02	03/18/25 20:45	4151-50-2	
NEtFOSE	**<0.0043**	ug/L	0.017	0.0043	1	03/15/25 10:02	03/18/25 20:45	1691-99-2	
NMeFOSAA	**<0.00052**	ug/L	0.0017	0.00052	1	03/15/25 10:02	03/18/25 20:45	2355-31-9	
NMeFOSA	**<0.00051**	ug/L	0.0017	0.00051	1	03/15/25 10:02	03/18/25 20:45	31506-32-8	
NMeFOSE	**<0.0043**	ug/L	0.017	0.0043	1	03/15/25 10:02	03/18/25 20:45	24448-09-7	
PFBS	**0.0080**	ug/L	0.0017	0.00043	1	03/15/25 10:02	03/18/25 20:45	375-73-5	
PFDA	**<0.00051**	ug/L	0.0017	0.00051	1	03/15/25 10:02	03/18/25 20:45	335-76-2	
PFHxA	**0.0099**	ug/L	0.0017	0.00040	1	03/15/25 10:02	03/18/25 20:45	307-24-4	
PFBA	**0.014**	ug/L	0.0066	0.0016	1	03/15/25 10:02	03/18/25 20:45	375-22-4	
PFDS	**<0.00071**	ug/L	0.0017	0.00071	1	03/15/25 10:02	03/18/25 20:45	335-77-3	
PFDoS	**<0.00036**	ug/L	0.0017	0.00036	1	03/15/25 10:02	03/18/25 20:45	79780-39-5	
PFHpS	**0.0030**	ug/L	0.0017	0.00048	1	03/15/25 10:02	03/18/25 20:45	375-92-8	
PFNS	**<0.00049**	ug/L	0.0017	0.00049	1	03/15/25 10:02	03/18/25 20:45	68259-12-1	
PFOSA	**<0.00051**	ug/L	0.0017	0.00051	1	03/15/25 10:02	03/18/25 20:45	754-91-6	
PFPeA	**0.0032J**	ug/L	0.0033	0.00099	1	03/15/25 10:02	03/18/25 20:45	2706-90-3	
PFPeS	**0.014**	ug/L	0.0017	0.00039	1	03/15/25 10:02	03/18/25 20:45	2706-91-4	
PFDoA	**<0.00051**	ug/L	0.0017	0.00051	1	03/15/25 10:02	03/18/25 20:45	307-55-1	
PFHpA	**0.0021**	ug/L	0.0017	0.00064	1	03/15/25 10:02	03/18/25 20:45	375-85-9	
PFHxS	**0.11**	ug/L	0.0017	0.00042	1	03/15/25 10:02	03/18/25 20:45	355-46-4	
PFNA	**<0.00054**	ug/L	0.0017	0.00054	1	03/15/25 10:02	03/18/25 20:45	375-95-1	
PFOS	**0.12**	ug/L	0.0017	0.00041	1	03/15/25 10:02	03/18/25 20:45	1763-23-1	
PFOA	**0.0094**	ug/L	0.0017	0.00050	1	03/15/25 10:02	03/18/25 20:45	335-67-1	
PFTeDA	**<0.00043**	ug/L	0.0017	0.00043	1	03/15/25 10:02	03/18/25 20:45	376-06-7	
PFTrDA	**<0.00047**	ug/L	0.0017	0.00047	1	03/15/25 10:02	03/18/25 20:45	72629-94-8	
PFUnA	**<0.00037**	ug/L	0.0017	0.00037	1	03/15/25 10:02	03/18/25 20:45	2058-94-8	
Surrogates									
13C2-PFDoA (S)	55	%.	10-130		1	03/15/25 10:02	03/18/25 20:45		
13C3HFPO-DA (S)	79	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		
13C3-PFBS (S)	92	%.	40-135		1	03/15/25 10:02	03/18/25 20:45		
13C3-PFHxS (S)	80	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		
13C4-PFBA (S)	83	%.	5-130		1	03/15/25 10:02	03/18/25 20:45		
13C4-PFHpA (S)	76	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		
13C5-PFHxA (S)	84	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		
13C5-PFPeA (S)	87	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		
13C6-PFDA (S)	79	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		
13C8-PFOA (S)	81	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		
13C8-PFOS (S)	76	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ3c-0-250306 **Lab ID: 10726385024** Collected: 03/06/25 14:20 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	46	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		
13C9-PFNA (S)	80	%.	40-130		1	03/15/25 10:02	03/18/25 20:45		
d3-MeFOSAA (S)	63	%.	40-170		1	03/15/25 10:02	03/18/25 20:45		
d3-NMeFOSA (S)	30	%.	10-130		1	03/15/25 10:02	03/18/25 20:45		
d5-EtFOSAA (S)	61	%.	25-135		1	03/15/25 10:02	03/18/25 20:45		
d5-NEtFOSA (S)	27	%.	10-130		1	03/15/25 10:02	03/18/25 20:45		
d7-NMeFOSE (S)	30	%.	10-130		1	03/15/25 10:02	03/18/25 20:45		
d9-NEtFOSE (S)	24	%.	10-130		1	03/15/25 10:02	03/18/25 20:45		
13C2-PFTA (S)	27	%.	10-130		1	03/15/25 10:02	03/18/25 20:45		
13C7-PFUdA (S)	70	%.	30-130		1	03/15/25 10:02	03/18/25 20:45		
13C24:2FTS (S)	152	%.	40-200		1	03/15/25 10:02	03/18/25 20:45		
13C26:2FTS (S)	77	%.	40-200		1	03/15/25 10:02	03/18/25 20:45		
13C28:2FTS (S)	70	%.	40-300		1	03/15/25 10:02	03/18/25 20:45		
13C3-PFPrA (S)	60	%.	5-130		1	03/15/25 10:02	03/18/25 20:45		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ4-0-250306 **Lab ID: 10726385025** Collected: 03/06/25 15:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0088**	ug/L	0.029	0.0088	1	03/14/25 13:30	03/17/25 18:12	763051-92-9	
4:2 FTS	**<0.0072**	ug/L	0.029	0.0072	1	03/14/25 13:30	03/17/25 18:12	757124-72-4	
6:2 FTS	**<0.0084**	ug/L	0.029	0.0084	1	03/14/25 13:30	03/17/25 18:12	27619-97-2	
8:2 FTS	**<0.0075**	ug/L	0.029	0.0075	1	03/14/25 13:30	03/17/25 18:12	39108-34-4	
9Cl-PF3ONS	**<0.0076**	ug/L	0.029	0.0076	1	03/14/25 13:30	03/17/25 18:12	756426-58-1	
ADONA	**<0.0085**	ug/L	0.029	0.0085	1	03/14/25 13:30	03/17/25 18:12	919005-14-4	
HFPO-DA	**<0.0081**	ug/L	0.029	0.0081	1	03/14/25 13:30	03/17/25 18:12	13252-13-6	
NEtFOSAA	**<0.0030**	ug/L	0.0072	0.0030	1	03/14/25 13:30	03/17/25 18:12	2991-50-6	
NEtFOSA	**<0.0023**	ug/L	0.0072	0.0023	1	03/14/25 13:30	03/17/25 18:12	4151-50-2	
NEtFOSE	**<0.019**	ug/L	0.072	0.019	1	03/14/25 13:30	03/17/25 18:12	1691-99-2	
NMeFOSAA	**<0.0023**	ug/L	0.0072	0.0023	1	03/14/25 13:30	03/17/25 18:12	2355-31-9	
NMeFOSA	**<0.0022**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:12	31506-32-8	
NMeFOSE	**<0.019**	ug/L	0.072	0.019	1	03/14/25 13:30	03/17/25 18:12	24448-09-7	
PFBS	**0.015**	ug/L	0.0072	0.0019	1	03/14/25 13:30	03/17/25 18:12	375-73-5	
PFDA	**<0.0022**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:12	335-76-2	
PFHxA	**0.026**	ug/L	0.0072	0.0017	1	03/14/25 13:30	03/17/25 18:12	307-24-4	
PFBA	**0.030**	ug/L	0.029	0.0070	1	03/14/25 13:30	03/17/25 18:12	375-22-4	
PFDS	**<0.0031**	ug/L	0.0072	0.0031	1	03/14/25 13:30	03/17/25 18:12	335-77-3	
PFDoS	**<0.0016**	ug/L	0.0072	0.0016	1	03/14/25 13:30	03/17/25 18:12	79780-39-5	
PFHpS	**0.070**	ug/L	0.0072	0.0021	1	03/14/25 13:30	03/17/25 18:12	375-92-8	
PFNS	**<0.0021**	ug/L	0.0072	0.0021	1	03/14/25 13:30	03/17/25 18:12	68259-12-1	
PFOSA	**<0.0022**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:12	754-91-6	
PFPeA	**0.0094J**	ug/L	0.014	0.0043	1	03/14/25 13:30	03/17/25 18:12	2706-90-3	
PFPeS	**0.048**	ug/L	0.0072	0.0017	1	03/14/25 13:30	03/17/25 18:12	2706-91-4	
PFDoA	**<0.0022**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:12	307-55-1	
PFHpA	**0.0039J**	ug/L	0.0072	0.0028	1	03/14/25 13:30	03/17/25 18:12	375-85-9	
PFHxS	**0.74**	ug/L	0.0072	0.0019	1	03/14/25 13:30	03/17/25 18:12	355-46-4	
PFNA	**<0.0024**	ug/L	0.0072	0.0024	1	03/14/25 13:30	03/17/25 18:12	375-95-1	
PFOS	**0.76**	ug/L	0.0072	0.0018	1	03/14/25 13:30	03/17/25 18:12	1763-23-1	
PFOA	**0.042**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:12	335-67-1	
PFTeDA	**<0.0019**	ug/L	0.0072	0.0019	1	03/14/25 13:30	03/17/25 18:12	376-06-7	
PFTrDA	**<0.0020**	ug/L	0.0072	0.0020	1	03/14/25 13:30	03/17/25 18:12	72629-94-8	
PFUnA	**<0.0016**	ug/L	0.0072	0.0016	1	03/14/25 13:30	03/17/25 18:12	2058-94-8	
Surrogates									
13C2-PFDoA (S)	88	%.	10-130		1	03/14/25 13:30	03/17/25 18:12		
13C3HFPO-DA (S)	89	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		
13C3-PFBS (S)	91	%.	40-135		1	03/14/25 13:30	03/17/25 18:12		
13C3-PFHxS (S)	87	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		
13C4-PFBA (S)	88	%.	5-130		1	03/14/25 13:30	03/17/25 18:12		
13C4-PFHpA (S)	87	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		
13C5-PFHxA (S)	91	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		
13C5-PFPeA (S)	90	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		
13C6-PFDA (S)	93	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		
13C8-PFOA (S)	88	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		
13C8-PFOS (S)	88	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ4-0-250306 **Lab ID: 10726385025** Collected: 03/06/25 15:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	50	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		
13C9-PFNA (S)	92	%.	40-130		1	03/14/25 13:30	03/17/25 18:12		
d3-MeFOSAA (S)	74	%.	40-170		1	03/14/25 13:30	03/17/25 18:12		
d3-NMeFOSA (S)	43	%.	10-130		1	03/14/25 13:30	03/17/25 18:12		
d5-EtFOSAA (S)	73	%.	25-135		1	03/14/25 13:30	03/17/25 18:12		
d5-NEtFOSA (S)	42	%.	10-130		1	03/14/25 13:30	03/17/25 18:12		
d7-NMeFOSE (S)	40	%.	10-130		1	03/14/25 13:30	03/17/25 18:12		
d9-NEtFOSE (S)	38	%.	10-130		1	03/14/25 13:30	03/17/25 18:12		
13C2-PFTA (S)	86	%.	10-130		1	03/14/25 13:30	03/17/25 18:12		
13C7-PFUdA (S)	94	%.	30-130		1	03/14/25 13:30	03/17/25 18:12		
13C24:2FTS (S)	159	%.	40-200		1	03/14/25 13:30	03/17/25 18:12		
13C26:2FTS (S)	200	%.	40-200		1	03/14/25 13:30	03/17/25 18:12		
13C28:2FTS (S)	237	%.	40-300		1	03/14/25 13:30	03/17/25 18:12		
13C3-PFPrA (S)	98	%.	5-130		1	03/14/25 13:30	03/17/25 18:12		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ5-0-250306 **Lab ID: 10726385026** Collected: 03/06/25 15:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0094**	ug/L	0.031	0.0094	1	03/14/25 13:30	03/17/25 18:21	763051-92-9	
4:2 FTS	**<0.0077**	ug/L	0.031	0.0077	1	03/14/25 13:30	03/17/25 18:21	757124-72-4	
6:2 FTS	**<0.0090**	ug/L	0.031	0.0090	1	03/14/25 13:30	03/17/25 18:21	27619-97-2	
8:2 FTS	**<0.0080**	ug/L	0.031	0.0080	1	03/14/25 13:30	03/17/25 18:21	39108-34-4	
9Cl-PF3ONS	**<0.0082**	ug/L	0.031	0.0082	1	03/14/25 13:30	03/17/25 18:21	756426-58-1	
ADONA	**<0.0091**	ug/L	0.031	0.0091	1	03/14/25 13:30	03/17/25 18:21	919005-14-4	
HFPO-DA	**<0.0087**	ug/L	0.031	0.0087	1	03/14/25 13:30	03/17/25 18:21	13252-13-6	
NEtFOSAA	**<0.0032**	ug/L	0.0077	0.0032	1	03/14/25 13:30	03/17/25 18:21	2991-50-6	
NEtFOSA	**<0.0024**	ug/L	0.0077	0.0024	1	03/14/25 13:30	03/17/25 18:21	4151-50-2	
NEtFOSE	**<0.020**	ug/L	0.077	0.020	1	03/14/25 13:30	03/17/25 18:21	1691-99-2	
NMeFOSAA	**<0.0024**	ug/L	0.0077	0.0024	1	03/14/25 13:30	03/17/25 18:21	2355-31-9	
NMeFOSA	**<0.0024**	ug/L	0.0077	0.0024	1	03/14/25 13:30	03/17/25 18:21	31506-32-8	
NMeFOSE	**<0.020**	ug/L	0.077	0.020	1	03/14/25 13:30	03/17/25 18:21	24448-09-7	
PFBS	**0.018**	ug/L	0.0077	0.0020	1	03/14/25 13:30	03/17/25 18:21	375-73-5	
PFDA	**<0.0024**	ug/L	0.0077	0.0024	1	03/14/25 13:30	03/17/25 18:21	335-76-2	
PFHxA	**0.011**	ug/L	0.0077	0.0019	1	03/14/25 13:30	03/17/25 18:21	307-24-4	
PFBA	**0.079**	ug/L	0.031	0.0075	1	03/14/25 13:30	03/17/25 18:21	375-22-4	
PFDS	**<0.0033**	ug/L	0.0077	0.0033	1	03/14/25 13:30	03/17/25 18:21	335-77-3	
PFDoS	**<0.0017**	ug/L	0.0077	0.0017	1	03/14/25 13:30	03/17/25 18:21	79780-39-5	
PFHpS	**<0.0023**	ug/L	0.0077	0.0023	1	03/14/25 13:30	03/17/25 18:21	375-92-8	
PFNS	**<0.0023**	ug/L	0.0077	0.0023	1	03/14/25 13:30	03/17/25 18:21	68259-12-1	
PFOSA	**<0.0024**	ug/L	0.0077	0.0024	1	03/14/25 13:30	03/17/25 18:21	754-91-6	
PFPeA	**0.0049J**	ug/L	0.015	0.0046	1	03/14/25 13:30	03/17/25 18:21	2706-90-3	
PFPeS	**0.011**	ug/L	0.0077	0.0018	1	03/14/25 13:30	03/17/25 18:21	2706-91-4	
PFDoA	**<0.0024**	ug/L	0.0077	0.0024	1	03/14/25 13:30	03/17/25 18:21	307-55-1	
PFHpA	**<0.0030**	ug/L	0.0077	0.0030	1	03/14/25 13:30	03/17/25 18:21	375-85-9	
PFHxS	**0.055**	ug/L	0.0077	0.0020	1	03/14/25 13:30	03/17/25 18:21	355-46-4	
PFNA	**<0.0025**	ug/L	0.0077	0.0025	1	03/14/25 13:30	03/17/25 18:21	375-95-1	
PFOS	**0.0040J**	ug/L	0.0077	0.0019	1	03/14/25 13:30	03/17/25 18:21	1763-23-1	
PFOA	**0.0077J**	ug/L	0.0077	0.0024	1	03/14/25 13:30	03/17/25 18:21	335-67-1	
PFTeDA	**<0.0020**	ug/L	0.0077	0.0020	1	03/14/25 13:30	03/17/25 18:21	376-06-7	
PFTrDA	**<0.0022**	ug/L	0.0077	0.0022	1	03/14/25 13:30	03/17/25 18:21	72629-94-8	
PFUnA	**<0.0017**	ug/L	0.0077	0.0017	1	03/14/25 13:30	03/17/25 18:21	2058-94-8	
Surrogates									
13C2-PFDoA (S)	75	%.	10-130		1	03/14/25 13:30	03/17/25 18:21		
13C3HFPO-DA (S)	78	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		
13C3-PFBS (S)	74	%.	40-135		1	03/14/25 13:30	03/17/25 18:21		
13C3-PFHxS (S)	72	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		
13C4-PFBA (S)	83	%.	5-130		1	03/14/25 13:30	03/17/25 18:21		
13C4-PFHpA (S)	78	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		
13C5-PFHxA (S)	81	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		
13C5-PFPeA (S)	83	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		
13C6-PFDA (S)	76	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		
13C8-PFOA (S)	87	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		
13C8-PFOS (S)	77	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ5-0-250306 **Lab ID: 10726385026** Collected: 03/06/25 15:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	40	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		
13C9-PFNA (S)	80	%.	40-130		1	03/14/25 13:30	03/17/25 18:21		
d3-MeFOSAA (S)	68	%.	40-170		1	03/14/25 13:30	03/17/25 18:21		
d3-NMeFOSA (S)	40	%.	10-130		1	03/14/25 13:30	03/17/25 18:21		
d5-EtFOSAA (S)	63	%.	25-135		1	03/14/25 13:30	03/17/25 18:21		
d5-NEtFOSA (S)	40	%.	10-130		1	03/14/25 13:30	03/17/25 18:21		
d7-NMeFOSE (S)	36	%.	10-130		1	03/14/25 13:30	03/17/25 18:21		
d9-NEtFOSE (S)	35	%.	10-130		1	03/14/25 13:30	03/17/25 18:21		
13C2-PFTA (S)	76	%.	10-130		1	03/14/25 13:30	03/17/25 18:21		
13C7-PFUdA (S)	79	%.	30-130		1	03/14/25 13:30	03/17/25 18:21		
13C24:2FTS (S)	106	%.	40-200		1	03/14/25 13:30	03/17/25 18:21		
13C26:2FTS (S)	142	%.	40-200		1	03/14/25 13:30	03/17/25 18:21		
13C28:2FTS (S)	173	%.	40-300		1	03/14/25 13:30	03/17/25 18:21		
13C3-PFPrA (S)	97	%.	5-130		1	03/14/25 13:30	03/17/25 18:21		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ6-0-250306 **Lab ID: 10726385027** Collected: 03/06/25 14:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0019**	ug/L	0.0063	0.0019	1	03/14/25 13:30	03/17/25 18:30	763051-92-9	
4:2 FTS	**<0.0016**	ug/L	0.0063	0.0016	1	03/14/25 13:30	03/17/25 18:30	757124-72-4	
6:2 FTS	**<0.0018**	ug/L	0.0063	0.0018	1	03/14/25 13:30	03/17/25 18:30	27619-97-2	
8:2 FTS	**<0.0016**	ug/L	0.0063	0.0016	1	03/14/25 13:30	03/17/25 18:30	39108-34-4	
9Cl-PF3ONS	**<0.0017**	ug/L	0.0063	0.0017	1	03/14/25 13:30	03/17/25 18:30	756426-58-1	
ADONA	**<0.0018**	ug/L	0.0063	0.0018	1	03/14/25 13:30	03/17/25 18:30	919005-14-4	
HFPO-DA	**<0.0018**	ug/L	0.0063	0.0018	1	03/14/25 13:30	03/17/25 18:30	13252-13-6	
NEtFOSAA	**<0.00065**	ug/L	0.0016	0.00065	1	03/14/25 13:30	03/17/25 18:30	2991-50-6	
NEtFOSA	**<0.00050**	ug/L	0.0016	0.00050	1	03/14/25 13:30	03/17/25 18:30	4151-50-2	
NEtFOSE	**<0.0041**	ug/L	0.016	0.0041	1	03/14/25 13:30	03/17/25 18:30	1691-99-2	
NMeFOSAA	**<0.00049**	ug/L	0.0016	0.00049	1	03/14/25 13:30	03/17/25 18:30	2355-31-9	
NMeFOSA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 18:30	31506-32-8	
NMeFOSE	**<0.0040**	ug/L	0.016	0.0040	1	03/14/25 13:30	03/17/25 18:30	24448-09-7	
PFBS	**0.0042**	ug/L	0.0016	0.00041	1	03/14/25 13:30	03/17/25 18:30	375-73-5	
PFDA	**<0.00049**	ug/L	0.0016	0.00049	1	03/14/25 13:30	03/17/25 18:30	335-76-2	
PFHxA	**0.0017**	ug/L	0.0016	0.00038	1	03/14/25 13:30	03/17/25 18:30	307-24-4	
PFBA	**0.018**	ug/L	0.0063	0.0015	1	03/14/25 13:30	03/17/25 18:30	375-22-4	
PFDS	**<0.00068**	ug/L	0.0016	0.00068	1	03/14/25 13:30	03/17/25 18:30	335-77-3	
PFDoS	**<0.00034**	ug/L	0.0016	0.00034	1	03/14/25 13:30	03/17/25 18:30	79780-39-5	
PFHpS	**<0.00046**	ug/L	0.0016	0.00046	1	03/14/25 13:30	03/17/25 18:30	375-92-8	
PFNS	**<0.00046**	ug/L	0.0016	0.00046	1	03/14/25 13:30	03/17/25 18:30	68259-12-1	
PFOSA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 18:30	754-91-6	
PFPeA	**0.0013J**	ug/L	0.0031	0.00094	1	03/14/25 13:30	03/17/25 18:30	2706-90-3	
PFPeS	**0.0043**	ug/L	0.0016	0.00037	1	03/14/25 13:30	03/17/25 18:30	2706-91-4	
PFDoA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 18:30	307-55-1	
PFHpA	**<0.00060**	ug/L	0.0016	0.00060	1	03/14/25 13:30	03/17/25 18:30	375-85-9	
PFHxS	**0.046**	ug/L	0.0016	0.00040	1	03/14/25 13:30	03/17/25 18:30	355-46-4	
PFNA	**<0.00051**	ug/L	0.0016	0.00051	1	03/14/25 13:30	03/17/25 18:30	375-95-1	
PFOS	**0.0011J**	ug/L	0.0016	0.00039	1	03/14/25 13:30	03/17/25 18:30	1763-23-1	
PFOA	**0.0031**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 18:30	335-67-1	
PFTeDA	**<0.00041**	ug/L	0.0016	0.00041	1	03/14/25 13:30	03/17/25 18:30	376-06-7	
PFTrDA	**<0.00045**	ug/L	0.0016	0.00045	1	03/14/25 13:30	03/17/25 18:30	72629-94-8	
PFUnA	**<0.00035**	ug/L	0.0016	0.00035	1	03/14/25 13:30	03/17/25 18:30	2058-94-8	
Surrogates									
13C2-PFDoA (S)	77	%.	10-130		1	03/14/25 13:30	03/17/25 18:30		
13C3HFPO-DA (S)	90	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		
13C3-PFBS (S)	84	%.	40-135		1	03/14/25 13:30	03/17/25 18:30		
13C3-PFHxS (S)	84	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		
13C4-PFBA (S)	90	%.	5-130		1	03/14/25 13:30	03/17/25 18:30		
13C4-PFHpA (S)	88	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		
13C5-PFHxA (S)	89	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		
13C5-PFPeA (S)	91	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		
13C6-PFDA (S)	90	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		
13C8-PFOA (S)	90	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		
13C8-PFOS (S)	87	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ6-0-250306 **Lab ID: 10726385027** Collected: 03/06/25 14:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	49	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		
13C9-PFNA (S)	90	%.	40-130		1	03/14/25 13:30	03/17/25 18:30		
d3-MeFOSAA (S)	73	%.	40-170		1	03/14/25 13:30	03/17/25 18:30		
d3-NMeFOSA (S)	38	%.	10-130		1	03/14/25 13:30	03/17/25 18:30		
d5-EtFOSAA (S)	69	%.	25-135		1	03/14/25 13:30	03/17/25 18:30		
d5-NEtFOSA (S)	36	%.	10-130		1	03/14/25 13:30	03/17/25 18:30		
d7-NMeFOSE (S)	35	%.	10-130		1	03/14/25 13:30	03/17/25 18:30		
d9-NEtFOSE (S)	31	%.	10-130		1	03/14/25 13:30	03/17/25 18:30		
13C2-PFTA (S)	75	%.	10-130		1	03/14/25 13:30	03/17/25 18:30		
13C7-PFUdA (S)	88	%.	30-130		1	03/14/25 13:30	03/17/25 18:30		
13C24:2FTS (S)	121	%.	40-200		1	03/14/25 13:30	03/17/25 18:30		
13C26:2FTS (S)	160	%.	40-200		1	03/14/25 13:30	03/17/25 18:30		
13C28:2FTS (S)	195	%.	40-300		1	03/14/25 13:30	03/17/25 18:30		
13C3-PFPrA (S)	61	%.	5-130		1	03/14/25 13:30	03/17/25 18:30		

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1700 Elm Street
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ8-0-250306 **Lab ID: 10726385028** Collected: 03/06/25 11:20 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0089**	ug/L	0.029	0.0089	1	03/14/25 13:30	03/17/25 18:39	763051-92-9	
4:2 FTS	**<0.0073**	ug/L	0.029	0.0073	1	03/14/25 13:30	03/17/25 18:39	757124-72-4	
6:2 FTS	**<0.0085**	ug/L	0.029	0.0085	1	03/14/25 13:30	03/17/25 18:39	27619-97-2	
8:2 FTS	**<0.0076**	ug/L	0.029	0.0076	1	03/14/25 13:30	03/17/25 18:39	39108-34-4	
9Cl-PF3ONS	**<0.0078**	ug/L	0.029	0.0078	1	03/14/25 13:30	03/17/25 18:39	756426-58-1	
ADONA	**<0.0086**	ug/L	0.029	0.0086	1	03/14/25 13:30	03/17/25 18:39	919005-14-4	
HFPO-DA	**<0.0082**	ug/L	0.029	0.0082	1	03/14/25 13:30	03/17/25 18:39	13252-13-6	
NEtFOSAA	**<0.0031**	ug/L	0.0073	0.0031	1	03/14/25 13:30	03/17/25 18:39	2991-50-6	
NEtFOSA	**<0.0023**	ug/L	0.0073	0.0023	1	03/14/25 13:30	03/17/25 18:39	4151-50-2	
NEtFOSE	**<0.019**	ug/L	0.073	0.019	1	03/14/25 13:30	03/17/25 18:39	1691-99-2	
NMeFOSAA	**<0.0023**	ug/L	0.0073	0.0023	1	03/14/25 13:30	03/17/25 18:39	2355-31-9	
NMeFOSA	**<0.0023**	ug/L	0.0073	0.0023	1	03/14/25 13:30	03/17/25 18:39	31506-32-8	
NMeFOSE	**<0.019**	ug/L	0.073	0.019	1	03/14/25 13:30	03/17/25 18:39	24448-09-7	
PFBS	**<0.0019**	ug/L	0.0073	0.0019	1	03/14/25 13:30	03/17/25 18:39	375-73-5	
PFDA	**<0.0023**	ug/L	0.0073	0.0023	1	03/14/25 13:30	03/17/25 18:39	335-76-2	
PFHxA	**<0.0018**	ug/L	0.0073	0.0018	1	03/14/25 13:30	03/17/25 18:39	307-24-4	
PFBA	**<0.0071**	ug/L	0.029	0.0071	1	03/14/25 13:30	03/17/25 18:39	375-22-4	
PFDS	**<0.0032**	ug/L	0.0073	0.0032	1	03/14/25 13:30	03/17/25 18:39	335-77-3	
PFDoS	**<0.0016**	ug/L	0.0073	0.0016	1	03/14/25 13:30	03/17/25 18:39	79780-39-5	
PFHpS	**<0.0021**	ug/L	0.0073	0.0021	1	03/14/25 13:30	03/17/25 18:39	375-92-8	
PFNS	**<0.0022**	ug/L	0.0073	0.0022	1	03/14/25 13:30	03/17/25 18:39	68259-12-1	
PFOSA	**<0.0022**	ug/L	0.0073	0.0022	1	03/14/25 13:30	03/17/25 18:39	754-91-6	
PFPeA	**<0.0044**	ug/L	0.015	0.0044	1	03/14/25 13:30	03/17/25 18:39	2706-90-3	
PFPeS	**<0.0017**	ug/L	0.0073	0.0017	1	03/14/25 13:30	03/17/25 18:39	2706-91-4	
PFDoA	**<0.0022**	ug/L	0.0073	0.0022	1	03/14/25 13:30	03/17/25 18:39	307-55-1	
PFHpA	**<0.0028**	ug/L	0.0073	0.0028	1	03/14/25 13:30	03/17/25 18:39	375-85-9	
PFHxS	**<0.0019**	ug/L	0.0073	0.0019	1	03/14/25 13:30	03/17/25 18:39	355-46-4	
PFNA	**<0.0024**	ug/L	0.0073	0.0024	1	03/14/25 13:30	03/17/25 18:39	375-95-1	
PFOS	**<0.0018**	ug/L	0.0073	0.0018	1	03/14/25 13:30	03/17/25 18:39	1763-23-1	
PFOA	**<0.0022**	ug/L	0.0073	0.0022	1	03/14/25 13:30	03/17/25 18:39	335-67-1	
PFTeDA	**<0.0019**	ug/L	0.0073	0.0019	1	03/14/25 13:30	03/17/25 18:39	376-06-7	
PFTrDA	**<0.0021**	ug/L	0.0073	0.0021	1	03/14/25 13:30	03/17/25 18:39	72629-94-8	
PFUnA	**<0.0016**	ug/L	0.0073	0.0016	1	03/14/25 13:30	03/17/25 18:39	2058-94-8	
Surrogates									
13C2-PFDoA (S)	65	%.	10-130		1	03/14/25 13:30	03/17/25 18:39		
13C3HFPO-DA (S)	71	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		
13C3-PFBS (S)	71	%.	40-135		1	03/14/25 13:30	03/17/25 18:39		
13C3-PFHxS (S)	72	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		
13C4-PFBA (S)	75	%.	5-130		1	03/14/25 13:30	03/17/25 18:39		
13C4-PFHpA (S)	70	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		
13C5-PFHxA (S)	73	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		
13C5-PFPeA (S)	73	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		
13C6-PFDA (S)	72	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		
13C8-PFOA (S)	73	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		
13C8-PFOS (S)	69	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ8-0-250306 **Lab ID: 10726385028** Collected: 03/06/25 11:20 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	40	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		
13C9-PFNA (S)	73	%.	40-130		1	03/14/25 13:30	03/17/25 18:39		
d3-MeFOSAA (S)	58	%.	40-170		1	03/14/25 13:30	03/17/25 18:39		
d3-NMeFOSA (S)	36	%.	10-130		1	03/14/25 13:30	03/17/25 18:39		
d5-EtFOSAA (S)	58	%.	25-135		1	03/14/25 13:30	03/17/25 18:39		
d5-NEtFOSA (S)	34	%.	10-130		1	03/14/25 13:30	03/17/25 18:39		
d7-NMeFOSE (S)	32	%.	10-130		1	03/14/25 13:30	03/17/25 18:39		
d9-NEtFOSE (S)	30	%.	10-130		1	03/14/25 13:30	03/17/25 18:39		
13C2-PFTA (S)	68	%.	10-130		1	03/14/25 13:30	03/17/25 18:39		
13C7-PFUdA (S)	69	%.	30-130		1	03/14/25 13:30	03/17/25 18:39		
13C24:2FTS (S)	129	%.	40-200		1	03/14/25 13:30	03/17/25 18:39		
13C26:2FTS (S)	140	%.	40-200		1	03/14/25 13:30	03/17/25 18:39		
13C28:2FTS (S)	161	%.	40-300		1	03/14/25 13:30	03/17/25 18:39		
13C3-PFPrA (S)	88	%.	5-130		1	03/14/25 13:30	03/17/25 18:39		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ9-0-250306 **Lab ID: 10726385029** Collected: 03/06/25 11:35 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0087**	ug/L	0.029	0.0087	1	03/14/25 13:30	03/17/25 18:48	763051-92-9	
4:2 FTS	**<0.0072**	ug/L	0.029	0.0072	1	03/14/25 13:30	03/17/25 18:48	757124-72-4	
6:2 FTS	**<0.0083**	ug/L	0.029	0.0083	1	03/14/25 13:30	03/17/25 18:48	27619-97-2	
8:2 FTS	**<0.0075**	ug/L	0.029	0.0075	1	03/14/25 13:30	03/17/25 18:48	39108-34-4	
9Cl-PF3ONS	**<0.0076**	ug/L	0.029	0.0076	1	03/14/25 13:30	03/17/25 18:48	756426-58-1	
ADONA	**<0.0085**	ug/L	0.029	0.0085	1	03/14/25 13:30	03/17/25 18:48	919005-14-4	
HFPO-DA	**<0.0081**	ug/L	0.029	0.0081	1	03/14/25 13:30	03/17/25 18:48	13252-13-6	
NEtFOSAA	**<0.0030**	ug/L	0.0072	0.0030	1	03/14/25 13:30	03/17/25 18:48	2991-50-6	
NEtFOSA	**<0.0023**	ug/L	0.0072	0.0023	1	03/14/25 13:30	03/17/25 18:48	4151-50-2	
NEtFOSE	**<0.019**	ug/L	0.072	0.019	1	03/14/25 13:30	03/17/25 18:48	1691-99-2	
NMeFOSAA	**<0.0023**	ug/L	0.0072	0.0023	1	03/14/25 13:30	03/17/25 18:48	2355-31-9	
NMeFOSA	**<0.0022**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:48	31506-32-8	
NMeFOSE	**<0.018**	ug/L	0.072	0.018	1	03/14/25 13:30	03/17/25 18:48	24448-09-7	
PFBS	**<0.0019**	ug/L	0.0072	0.0019	1	03/14/25 13:30	03/17/25 18:48	375-73-5	
PFDA	**<0.0022**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:48	335-76-2	
PFHxA	**<0.0017**	ug/L	0.0072	0.0017	1	03/14/25 13:30	03/17/25 18:48	307-24-4	
PFBA	**<0.0070**	ug/L	0.029	0.0070	1	03/14/25 13:30	03/17/25 18:48	375-22-4	
PFDS	**<0.0031**	ug/L	0.0072	0.0031	1	03/14/25 13:30	03/17/25 18:48	335-77-3	
PFDoS	**<0.0016**	ug/L	0.0072	0.0016	1	03/14/25 13:30	03/17/25 18:48	79780-39-5	
PFHpS	**<0.0021**	ug/L	0.0072	0.0021	1	03/14/25 13:30	03/17/25 18:48	375-92-8	
PFNS	**<0.0021**	ug/L	0.0072	0.0021	1	03/14/25 13:30	03/17/25 18:48	68259-12-1	
PFOSA	**<0.0022**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:48	754-91-6	
PFPeA	**<0.0043**	ug/L	0.014	0.0043	1	03/14/25 13:30	03/17/25 18:48	2706-90-3	
PFPeS	**<0.0017**	ug/L	0.0072	0.0017	1	03/14/25 13:30	03/17/25 18:48	2706-91-4	
PFDoA	**<0.0022**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:48	307-55-1	
PFHpA	**<0.0028**	ug/L	0.0072	0.0028	1	03/14/25 13:30	03/17/25 18:48	375-85-9	
PFHxS	**<0.0018**	ug/L	0.0072	0.0018	1	03/14/25 13:30	03/17/25 18:48	355-46-4	
PFNA	**<0.0024**	ug/L	0.0072	0.0024	1	03/14/25 13:30	03/17/25 18:48	375-95-1	
PFOS	**<0.0018**	ug/L	0.0072	0.0018	1	03/14/25 13:30	03/17/25 18:48	1763-23-1	
PFOA	**<0.0022**	ug/L	0.0072	0.0022	1	03/14/25 13:30	03/17/25 18:48	335-67-1	
PFTeDA	**<0.0019**	ug/L	0.0072	0.0019	1	03/14/25 13:30	03/17/25 18:48	376-06-7	
PFTrDA	**<0.0020**	ug/L	0.0072	0.0020	1	03/14/25 13:30	03/17/25 18:48	72629-94-8	
PFUnA	**<0.0016**	ug/L	0.0072	0.0016	1	03/14/25 13:30	03/17/25 18:48	2058-94-8	
Surrogates									
13C2-PFDoA (S)	63	%.	10-130		1	03/14/25 13:30	03/17/25 18:48		1M
13C3HFPO-DA (S)	60	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		
13C3-PFBS (S)	62	%.	40-135		1	03/14/25 13:30	03/17/25 18:48		
13C3-PFHxS (S)	61	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		
13C4-PFBA (S)	61	%.	5-130		1	03/14/25 13:30	03/17/25 18:48		
13C4-PFHpA (S)	60	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		
13C5-PFHxA (S)	61	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		
13C5-PFPeA (S)	61	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		
13C6-PFDA (S)	63	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		
13C8-PFOA (S)	66	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		
13C8-PFOS (S)	62	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ9-0-250306 **Lab ID: 10726385029** Collected: 03/06/25 11:35 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	36	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		S0
13C9-PFNA (S)	61	%.	40-130		1	03/14/25 13:30	03/17/25 18:48		
d3-MeFOSAA (S)	56	%.	40-170		1	03/14/25 13:30	03/17/25 18:48		
d3-NMeFOSA (S)	32	%.	10-130		1	03/14/25 13:30	03/17/25 18:48		
d5-EtFOSAA (S)	53	%.	25-135		1	03/14/25 13:30	03/17/25 18:48		
d5-NEtFOSA (S)	32	%.	10-130		1	03/14/25 13:30	03/17/25 18:48		
d7-NMeFOSE (S)	29	%.	10-130		1	03/14/25 13:30	03/17/25 18:48		
d9-NEtFOSE (S)	28	%.	10-130		1	03/14/25 13:30	03/17/25 18:48		
13C2-PFTA (S)	64	%.	10-130		1	03/14/25 13:30	03/17/25 18:48		
13C7-PFUdA (S)	66	%.	30-130		1	03/14/25 13:30	03/17/25 18:48		
13C24:2FTS (S)	106	%.	40-200		1	03/14/25 13:30	03/17/25 18:48		
13C26:2FTS (S)	114	%.	40-200		1	03/14/25 13:30	03/17/25 18:48		
13C28:2FTS (S)	134	%.	40-300		1	03/14/25 13:30	03/17/25 18:48		
13C3-PFPrA (S)	72	%.	5-130		1	03/14/25 13:30	03/17/25 18:48		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ10-0-250306 **Lab ID: 10726385030** Collected: 03/06/25 14:25 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0086**	ug/L	0.028	0.0086	1	03/14/25 13:30	03/17/25 18:57	763051-92-9	
4:2 FTS	**<0.0071**	ug/L	0.028	0.0071	1	03/14/25 13:30	03/17/25 18:57	757124-72-4	
6:2 FTS	**<0.0082**	ug/L	0.028	0.0082	1	03/14/25 13:30	03/17/25 18:57	27619-97-2	
8:2 FTS	**<0.0073**	ug/L	0.028	0.0073	1	03/14/25 13:30	03/17/25 18:57	39108-34-4	
9Cl-PF3ONS	**<0.0075**	ug/L	0.028	0.0075	1	03/14/25 13:30	03/17/25 18:57	756426-58-1	
ADONA	**<0.0083**	ug/L	0.028	0.0083	1	03/14/25 13:30	03/17/25 18:57	919005-14-4	
HFPO-DA	**<0.0079**	ug/L	0.028	0.0079	1	03/14/25 13:30	03/17/25 18:57	13252-13-6	
NEtFOSAA	**<0.0029**	ug/L	0.0071	0.0029	1	03/14/25 13:30	03/17/25 18:57	2991-50-6	
NEtFOSA	**<0.0022**	ug/L	0.0071	0.0022	1	03/14/25 13:30	03/17/25 18:57	4151-50-2	
NEtFOSE	**<0.018**	ug/L	0.071	0.018	1	03/14/25 13:30	03/17/25 18:57	1691-99-2	
NMeFOSAA	**<0.0022**	ug/L	0.0071	0.0022	1	03/14/25 13:30	03/17/25 18:57	2355-31-9	
NMeFOSA	**<0.0022**	ug/L	0.0071	0.0022	1	03/14/25 13:30	03/17/25 18:57	31506-32-8	
NMeFOSE	**<0.018**	ug/L	0.071	0.018	1	03/14/25 13:30	03/17/25 18:57	24448-09-7	
PFBS	**0.012**	ug/L	0.0071	0.0019	1	03/14/25 13:30	03/17/25 18:57	375-73-5	
PFDA	**<0.0022**	ug/L	0.0071	0.0022	1	03/14/25 13:30	03/17/25 18:57	335-76-2	
PFHxA	**0.017**	ug/L	0.0071	0.0017	1	03/14/25 13:30	03/17/25 18:57	307-24-4	
PFBA	**0.020J**	ug/L	0.028	0.0069	1	03/14/25 13:30	03/17/25 18:57	375-22-4	
PFDS	**<0.0030**	ug/L	0.0071	0.0030	1	03/14/25 13:30	03/17/25 18:57	335-77-3	
PFDoS	**<0.0015**	ug/L	0.0071	0.0015	1	03/14/25 13:30	03/17/25 18:57	79780-39-5	
PFHpS	**<0.0021**	ug/L	0.0071	0.0021	1	03/14/25 13:30	03/17/25 18:57	375-92-8	
PFNS	**<0.0021**	ug/L	0.0071	0.0021	1	03/14/25 13:30	03/17/25 18:57	68259-12-1	
PFOSA	**<0.0022**	ug/L	0.0071	0.0022	1	03/14/25 13:30	03/17/25 18:57	754-91-6	
PFPeA	**<0.0042**	ug/L	0.014	0.0042	1	03/14/25 13:30	03/17/25 18:57	2706-90-3	
PFPeS	**0.018**	ug/L	0.0071	0.0017	1	03/14/25 13:30	03/17/25 18:57	2706-91-4	
PFDoA	**<0.0022**	ug/L	0.0071	0.0022	1	03/14/25 13:30	03/17/25 18:57	307-55-1	
PFHpA	**0.0067J**	ug/L	0.0071	0.0027	1	03/14/25 13:30	03/17/25 18:57	375-85-9	
PFHxS	**0.26**	ug/L	0.0071	0.0018	1	03/14/25 13:30	03/17/25 18:57	355-46-4	
PFNA	**<0.0023**	ug/L	0.0071	0.0023	1	03/14/25 13:30	03/17/25 18:57	375-95-1	
PFOS	**0.0083**	ug/L	0.0071	0.0017	1	03/14/25 13:30	03/17/25 18:57	1763-23-1	
PFOA	**0.058**	ug/L	0.0071	0.0022	1	03/14/25 13:30	03/17/25 18:57	335-67-1	
PFTeDA	**<0.0018**	ug/L	0.0071	0.0018	1	03/14/25 13:30	03/17/25 18:57	376-06-7	
PFTrDA	**<0.0020**	ug/L	0.0071	0.0020	1	03/14/25 13:30	03/17/25 18:57	72629-94-8	
PFUnA	**<0.0016**	ug/L	0.0071	0.0016	1	03/14/25 13:30	03/17/25 18:57	2058-94-8	
Surrogates									
13C2-PFDoA (S)	77	%.	10-130		1	03/14/25 13:30	03/17/25 18:57		
13C3HFPO-DA (S)	81	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		
13C3-PFBS (S)	79	%.	40-135		1	03/14/25 13:30	03/17/25 18:57		
13C3-PFHxS (S)	77	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		
13C4-PFBA (S)	82	%.	5-130		1	03/14/25 13:30	03/17/25 18:57		
13C4-PFHpA (S)	77	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		
13C5-PFHxA (S)	79	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		
13C5-PFPeA (S)	80	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		
13C6-PFDA (S)	79	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		
13C8-PFOA (S)	87	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		
13C8-PFOS (S)	79	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		

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(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ10-0-250306 **Lab ID: 10726385030** Collected: 03/06/25 14:25 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	44	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		
13C9-PFNA (S)	82	%.	40-130		1	03/14/25 13:30	03/17/25 18:57		
d3-MeFOSAA (S)	65	%.	40-170		1	03/14/25 13:30	03/17/25 18:57		
d3-NMeFOSA (S)	40	%.	10-130		1	03/14/25 13:30	03/17/25 18:57		
d5-EtFOSAA (S)	64	%.	25-135		1	03/14/25 13:30	03/17/25 18:57		
d5-NEtFOSA (S)	38	%.	10-130		1	03/14/25 13:30	03/17/25 18:57		
d7-NMeFOSE (S)	35	%.	10-130		1	03/14/25 13:30	03/17/25 18:57		
d9-NEtFOSE (S)	33	%.	10-130		1	03/14/25 13:30	03/17/25 18:57		
13C2-PFTA (S)	77	%.	10-130		1	03/14/25 13:30	03/17/25 18:57		
13C7-PFUdA (S)	86	%.	30-130		1	03/14/25 13:30	03/17/25 18:57		
13C24:2FTS (S)	137	%.	40-200		1	03/14/25 13:30	03/17/25 18:57		
13C26:2FTS (S)	140	%.	40-200		1	03/14/25 13:30	03/17/25 18:57		
13C28:2FTS (S)	162	%.	40-300		1	03/14/25 13:30	03/17/25 18:57		
13C3-PFPrA (S)	89	%.	5-130		1	03/14/25 13:30	03/17/25 18:57		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ11-0-250306 **Lab ID: 10726385031** Collected: 03/06/25 14:10 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0085**	ug/L	0.028	0.0085	1	03/14/25 13:30	03/17/25 19:06	763051-92-9	
4:2 FTS	**<0.0070**	ug/L	0.028	0.0070	1	03/14/25 13:30	03/17/25 19:06	757124-72-4	
6:2 FTS	**<0.0081**	ug/L	0.028	0.0081	1	03/14/25 13:30	03/17/25 19:06	27619-97-2	
8:2 FTS	**<0.0073**	ug/L	0.028	0.0073	1	03/14/25 13:30	03/17/25 19:06	39108-34-4	
9Cl-PF3ONS	**<0.0074**	ug/L	0.028	0.0074	1	03/14/25 13:30	03/17/25 19:06	756426-58-1	
ADONA	**<0.0082**	ug/L	0.028	0.0082	1	03/14/25 13:30	03/17/25 19:06	919005-14-4	
HFPO-DA	**<0.0078**	ug/L	0.028	0.0078	1	03/14/25 13:30	03/17/25 19:06	13252-13-6	
NEtFOSAA	**<0.0029**	ug/L	0.0070	0.0029	1	03/14/25 13:30	03/17/25 19:06	2991-50-6	
NEtFOSA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 19:06	4151-50-2	
NEtFOSE	**<0.018**	ug/L	0.070	0.018	1	03/14/25 13:30	03/17/25 19:06	1691-99-2	
NMeFOSAA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 19:06	2355-31-9	
NMeFOSA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 19:06	31506-32-8	
NMeFOSE	**<0.018**	ug/L	0.070	0.018	1	03/14/25 13:30	03/17/25 19:06	24448-09-7	
PFBS	**0.0099**	ug/L	0.0070	0.0018	1	03/14/25 13:30	03/17/25 19:06	375-73-5	
PFDA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 19:06	335-76-2	
PFHxA	**0.0031J**	ug/L	0.0070	0.0017	1	03/14/25 13:30	03/17/25 19:06	307-24-4	
PFBA	**0.012J**	ug/L	0.028	0.0068	1	03/14/25 13:30	03/17/25 19:06	375-22-4	
PFDS	**<0.0030**	ug/L	0.0070	0.0030	1	03/14/25 13:30	03/17/25 19:06	335-77-3	
PFDoS	**<0.0015**	ug/L	0.0070	0.0015	1	03/14/25 13:30	03/17/25 19:06	79780-39-5	
PFHpS	**<0.0020**	ug/L	0.0070	0.0020	1	03/14/25 13:30	03/17/25 19:06	375-92-8	
PFNS	**<0.0021**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 19:06	68259-12-1	
PFOSA	**<0.0021**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 19:06	754-91-6	
PFPeA	**<0.0042**	ug/L	0.014	0.0042	1	03/14/25 13:30	03/17/25 19:06	2706-90-3	
PFPeS	**0.0051J**	ug/L	0.0070	0.0017	1	03/14/25 13:30	03/17/25 19:06	2706-91-4	
PFDoA	**<0.0021**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 19:06	307-55-1	
PFHpA	**<0.0027**	ug/L	0.0070	0.0027	1	03/14/25 13:30	03/17/25 19:06	375-85-9	
PFHxS	**0.15**	ug/L	0.0070	0.0018	1	03/14/25 13:30	03/17/25 19:06	355-46-4	
PFNA	**<0.0023**	ug/L	0.0070	0.0023	1	03/14/25 13:30	03/17/25 19:06	375-95-1	
PFOS	**0.019**	ug/L	0.0070	0.0017	1	03/14/25 13:30	03/17/25 19:06	1763-23-1	
PFOA	**0.023**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 19:06	335-67-1	
PFTeDA	**<0.0018**	ug/L	0.0070	0.0018	1	03/14/25 13:30	03/17/25 19:06	376-06-7	
PFTrDA	**<0.0020**	ug/L	0.0070	0.0020	1	03/14/25 13:30	03/17/25 19:06	72629-94-8	
PFUnA	**<0.0016**	ug/L	0.0070	0.0016	1	03/14/25 13:30	03/17/25 19:06	2058-94-8	
Surrogates									
13C2-PFDoA (S)	76	%.	10-130		1	03/14/25 13:30	03/17/25 19:06		
13C3HFPO-DA (S)	77	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		
13C3-PFBS (S)	76	%.	40-135		1	03/14/25 13:30	03/17/25 19:06		
13C3-PFHxS (S)	73	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		
13C4-PFBA (S)	80	%.	5-130		1	03/14/25 13:30	03/17/25 19:06		
13C4-PFHpA (S)	75	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		
13C5-PFHxA (S)	79	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		
13C5-PFPeA (S)	79	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		
13C6-PFDA (S)	77	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		
13C8-PFOA (S)	82	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		
13C8-PFOS (S)	76	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ11-0-250306 **Lab ID: 10726385031** Collected: 03/06/25 14:10 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	42	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		
13C9-PFNA (S)	77	%.	40-130		1	03/14/25 13:30	03/17/25 19:06		
d3-MeFOSAA (S)	64	%.	40-170		1	03/14/25 13:30	03/17/25 19:06		
d3-NMeFOSA (S)	40	%.	10-130		1	03/14/25 13:30	03/17/25 19:06		
d5-EtFOSAA (S)	63	%.	25-135		1	03/14/25 13:30	03/17/25 19:06		
d5-NEtFOSA (S)	38	%.	10-130		1	03/14/25 13:30	03/17/25 19:06		
d7-NMeFOSE (S)	37	%.	10-130		1	03/14/25 13:30	03/17/25 19:06		
d9-NEtFOSE (S)	35	%.	10-130		1	03/14/25 13:30	03/17/25 19:06		
13C2-PFTA (S)	77	%.	10-130		1	03/14/25 13:30	03/17/25 19:06		
13C7-PFUdA (S)	80	%.	30-130		1	03/14/25 13:30	03/17/25 19:06		
13C24:2FTS (S)	115	%.	40-200		1	03/14/25 13:30	03/17/25 19:06		
13C26:2FTS (S)	126	%.	40-200		1	03/14/25 13:30	03/17/25 19:06		
13C28:2FTS (S)	147	%.	40-300		1	03/14/25 13:30	03/17/25 19:06		
13C3-PFPrA (S)	88	%.	5-130		1	03/14/25 13:30	03/17/25 19:06		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ12-0-250306 **Lab ID: 10726385032** Collected: 03/06/25 13:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0019**	ug/L	0.0062	0.0019	1	03/14/25 13:30	03/17/25 19:16	763051-92-9	
4:2 FTS	**<0.0016**	ug/L	0.0062	0.0016	1	03/14/25 13:30	03/17/25 19:16	757124-72-4	
6:2 FTS	**<0.0018**	ug/L	0.0062	0.0018	1	03/14/25 13:30	03/17/25 19:16	27619-97-2	
8:2 FTS	**<0.0016**	ug/L	0.0062	0.0016	1	03/14/25 13:30	03/17/25 19:16	39108-34-4	
9Cl-PF3ONS	**<0.0016**	ug/L	0.0062	0.0016	1	03/14/25 13:30	03/17/25 19:16	756426-58-1	
ADONA	**<0.0018**	ug/L	0.0062	0.0018	1	03/14/25 13:30	03/17/25 19:16	919005-14-4	
HFPO-DA	**<0.0017**	ug/L	0.0062	0.0017	1	03/14/25 13:30	03/17/25 19:16	13252-13-6	
NEtFOSAA	**<0.00064**	ug/L	0.0016	0.00064	1	03/14/25 13:30	03/17/25 19:16	2991-50-6	
NEtFOSA	**<0.00049**	ug/L	0.0016	0.00049	1	03/14/25 13:30	03/17/25 19:16	4151-50-2	
NEtFOSE	**<0.0040**	ug/L	0.016	0.0040	1	03/14/25 13:30	03/17/25 19:16	1691-99-2	
NMeFOSAA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 19:16	2355-31-9	
NMeFOSA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 19:16	31506-32-8	
NMeFOSE	**<0.0040**	ug/L	0.016	0.0040	1	03/14/25 13:30	03/17/25 19:16	24448-09-7	
PFBS	**0.0012J**	ug/L	0.0016	0.00041	1	03/14/25 13:30	03/17/25 19:16	375-73-5	
PFDA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 19:16	335-76-2	
PFHxA	**<0.00037**	ug/L	0.0016	0.00037	1	03/14/25 13:30	03/17/25 19:16	307-24-4	
PFBA	**0.0071**	ug/L	0.0062	0.0015	1	03/14/25 13:30	03/17/25 19:16	375-22-4	
PFDS	**<0.00067**	ug/L	0.0016	0.00067	1	03/14/25 13:30	03/17/25 19:16	335-77-3	
PFDoS	**<0.00033**	ug/L	0.0016	0.00033	1	03/14/25 13:30	03/17/25 19:16	79780-39-5	
PFHpS	**<0.00045**	ug/L	0.0016	0.00045	1	03/14/25 13:30	03/17/25 19:16	375-92-8	
PFNS	**<0.00046**	ug/L	0.0016	0.00046	1	03/14/25 13:30	03/17/25 19:16	68259-12-1	
PFOSA	**<0.00047**	ug/L	0.0016	0.00047	1	03/14/25 13:30	03/17/25 19:16	754-91-6	
PFPeA	**<0.00092**	ug/L	0.0031	0.00092	1	03/14/25 13:30	03/17/25 19:16	2706-90-3	
PFPeS	**0.00063J**	ug/L	0.0016	0.00037	1	03/14/25 13:30	03/17/25 19:16	2706-91-4	
PFDoA	**<0.00047**	ug/L	0.0016	0.00047	1	03/14/25 13:30	03/17/25 19:16	307-55-1	
PFHpA	**<0.00060**	ug/L	0.0016	0.00060	1	03/14/25 13:30	03/17/25 19:16	375-85-9	
PFHxS	**0.0082**	ug/L	0.0016	0.00040	1	03/14/25 13:30	03/17/25 19:16	355-46-4	
PFNA	**<0.00051**	ug/L	0.0016	0.00051	1	03/14/25 13:30	03/17/25 19:16	375-95-1	
PFOS	**<0.00038**	ug/L	0.0016	0.00038	1	03/14/25 13:30	03/17/25 19:16	1763-23-1	
PFOA	**<0.00047**	ug/L	0.0016	0.00047	1	03/14/25 13:30	03/17/25 19:16	335-67-1	
PFTeDA	**<0.00040**	ug/L	0.0016	0.00040	1	03/14/25 13:30	03/17/25 19:16	376-06-7	
PFTrDA	**<0.00044**	ug/L	0.0016	0.00044	1	03/14/25 13:30	03/17/25 19:16	72629-94-8	
PFUnA	**<0.00034**	ug/L	0.0016	0.00034	1	03/14/25 13:30	03/17/25 19:16	2058-94-8	
Surrogates									
13C2-PFDoA (S)	50	%.	10-130		1	03/14/25 13:30	03/17/25 19:16		1M
13C3HFPO-DA (S)	58	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		
13C3-PFBS (S)	59	%.	40-135		1	03/14/25 13:30	03/17/25 19:16		
13C3-PFHxS (S)	56	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		
13C4-PFBA (S)	64	%.	5-130		1	03/14/25 13:30	03/17/25 19:16		
13C4-PFHpA (S)	53	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		
13C5-PFHxA (S)	59	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		
13C5-PFPeA (S)	61	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		
13C6-PFDA (S)	56	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		
13C8-PFOA (S)	61	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		
13C8-PFOS (S)	53	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		

REPORT OF LABORATORY ANALYSIS

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ12-0-250306 **Lab ID: 10726385032** Collected: 03/06/25 13:55 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	32	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		S0
13C9-PFNA (S)	55	%.	40-130		1	03/14/25 13:30	03/17/25 19:16		
d3-MeFOSAA (S)	43	%.	40-170		1	03/14/25 13:30	03/17/25 19:16		
d3-NMeFOSA (S)	28	%.	10-130		1	03/14/25 13:30	03/17/25 19:16		
d5-EtFOSAA (S)	39	%.	25-135		1	03/14/25 13:30	03/17/25 19:16		
d5-NEtFOSA (S)	27	%.	10-130		1	03/14/25 13:30	03/17/25 19:16		
d7-NMeFOSE (S)	17	%.	10-130		1	03/14/25 13:30	03/17/25 19:16		
d9-NEtFOSE (S)	14	%.	10-130		1	03/14/25 13:30	03/17/25 19:16		
13C2-PFTA (S)	46	%.	10-130		1	03/14/25 13:30	03/17/25 19:16		
13C7-PFUdA (S)	56	%.	30-130		1	03/14/25 13:30	03/17/25 19:16		
13C24:2FTS (S)	99	%.	40-200		1	03/14/25 13:30	03/17/25 19:16		
13C26:2FTS (S)	87	%.	40-200		1	03/14/25 13:30	03/17/25 19:16		
13C28:2FTS (S)	88	%.	40-300		1	03/14/25 13:30	03/17/25 19:16		
13C3-PFPrA (S)	68	%.	5-130		1	03/14/25 13:30	03/17/25 19:16		

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1700 Elm Street
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ13-0-250306 **Lab ID: 10726385033** Collected: 03/06/25 13:40 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0038**	ug/L	0.013	0.0038	1	03/14/25 13:30	03/17/25 19:25	763051-92-9	
4:2 FTS	**<0.0031**	ug/L	0.013	0.0031	1	03/14/25 13:30	03/17/25 19:25	757124-72-4	
6:2 FTS	**<0.0036**	ug/L	0.013	0.0036	1	03/14/25 13:30	03/17/25 19:25	27619-97-2	
8:2 FTS	**<0.0032**	ug/L	0.013	0.0032	1	03/14/25 13:30	03/17/25 19:25	39108-34-4	
9Cl-PF3ONS	**<0.0033**	ug/L	0.013	0.0033	1	03/14/25 13:30	03/17/25 19:25	756426-58-1	
ADONA	**<0.0037**	ug/L	0.013	0.0037	1	03/14/25 13:30	03/17/25 19:25	919005-14-4	
HFPO-DA	**<0.0035**	ug/L	0.013	0.0035	1	03/14/25 13:30	03/17/25 19:25	13252-13-6	
NEtFOSAA	**<0.0013**	ug/L	0.0031	0.0013	1	03/14/25 13:30	03/17/25 19:25	2991-50-6	
NEtFOSA	**<0.00099**	ug/L	0.0031	0.00099	1	03/14/25 13:30	03/17/25 19:25	4151-50-2	
NEtFOSE	**<0.0081**	ug/L	0.031	0.0081	1	03/14/25 13:30	03/17/25 19:25	1691-99-2	
NMeFOSAA	**<0.00098**	ug/L	0.0031	0.00098	1	03/14/25 13:30	03/17/25 19:25	2355-31-9	
NMeFOSA	**<0.00097**	ug/L	0.0031	0.00097	1	03/14/25 13:30	03/17/25 19:25	31506-32-8	
NMeFOSE	**<0.0080**	ug/L	0.031	0.0080	1	03/14/25 13:30	03/17/25 19:25	24448-09-7	
PFBS	**0.0026J**	ug/L	0.0031	0.00082	1	03/14/25 13:30	03/17/25 19:25	375-73-5	
PFDA	**<0.00097**	ug/L	0.0031	0.00097	1	03/14/25 13:30	03/17/25 19:25	335-76-2	
PFHxA	**0.0019J**	ug/L	0.0031	0.00075	1	03/14/25 13:30	03/17/25 19:25	307-24-4	
PFBA	**0.0067J**	ug/L	0.013	0.0030	1	03/14/25 13:30	03/17/25 19:25	375-22-4	
PFDS	**<0.0013**	ug/L	0.0031	0.0013	1	03/14/25 13:30	03/17/25 19:25	335-77-3	
PFDoS	**<0.00068**	ug/L	0.0031	0.00068	1	03/14/25 13:30	03/17/25 19:25	79780-39-5	
PFHpS	**<0.00091**	ug/L	0.0031	0.00091	1	03/14/25 13:30	03/17/25 19:25	375-92-8	
PFNS	**<0.00092**	ug/L	0.0031	0.00092	1	03/14/25 13:30	03/17/25 19:25	68259-12-1	
PFOSA	**<0.00096**	ug/L	0.0031	0.00096	1	03/14/25 13:30	03/17/25 19:25	754-91-6	
PFPeA	**<0.0019**	ug/L	0.0063	0.0019	1	03/14/25 13:30	03/17/25 19:25	2706-90-3	
PFPeS	**0.0061**	ug/L	0.0031	0.00074	1	03/14/25 13:30	03/17/25 19:25	2706-91-4	
PFDoA	**<0.00096**	ug/L	0.0031	0.00096	1	03/14/25 13:30	03/17/25 19:25	307-55-1	
PFHpA	**<0.0012**	ug/L	0.0031	0.0012	1	03/14/25 13:30	03/17/25 19:25	375-85-9	
PFHxS	**0.091**	ug/L	0.0031	0.00080	1	03/14/25 13:30	03/17/25 19:25	355-46-4	
PFNA	**<0.0010**	ug/L	0.0031	0.0010	1	03/14/25 13:30	03/17/25 19:25	375-95-1	
PFOS	**0.0099**	ug/L	0.0031	0.00077	1	03/14/25 13:30	03/17/25 19:25	1763-23-1	
PFOA	**0.00098J**	ug/L	0.0031	0.00095	1	03/14/25 13:30	03/17/25 19:25	335-67-1	
PFTeDA	**<0.00081**	ug/L	0.0031	0.00081	1	03/14/25 13:30	03/17/25 19:25	376-06-7	
PFTrDA	**<0.00089**	ug/L	0.0031	0.00089	1	03/14/25 13:30	03/17/25 19:25	72629-94-8	
PFUnA	**<0.00069**	ug/L	0.0031	0.00069	1	03/14/25 13:30	03/17/25 19:25	2058-94-8	
Surrogates									
13C2-PFDoA (S)	48	%.	10-130		1	03/14/25 13:30	03/17/25 19:25		1M
13C3HFPO-DA (S)	45	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		
13C3-PFBS (S)	45	%.	40-135		1	03/14/25 13:30	03/17/25 19:25		
13C3-PFHxS (S)	41	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		
13C4-PFBA (S)	48	%.	5-130		1	03/14/25 13:30	03/17/25 19:25		
13C4-PFHpA (S)	44	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		
13C5-PFHxA (S)	45	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		
13C5-PFPeA (S)	47	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		
13C6-PFDA (S)	49	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		
13C8-PFOA (S)	48	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		
13C8-PFOS (S)	46	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-GW-PZ13-0-250306 **Lab ID: 10726385033** Collected: 03/06/25 13:40 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	29	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		S0
13C9-PFNA (S)	46	%.	40-130		1	03/14/25 13:30	03/17/25 19:25		
d3-MeFOSAA (S)	41	%.	40-170		1	03/14/25 13:30	03/17/25 19:25		
d3-NMeFOSA (S)	26	%.	10-130		1	03/14/25 13:30	03/17/25 19:25		
d5-EtFOSAA (S)	40	%.	25-135		1	03/14/25 13:30	03/17/25 19:25		
d5-NEtFOSA (S)	26	%.	10-130		1	03/14/25 13:30	03/17/25 19:25		
d7-NMeFOSE (S)	26	%.	10-130		1	03/14/25 13:30	03/17/25 19:25		
d9-NEtFOSE (S)	24	%.	10-130		1	03/14/25 13:30	03/17/25 19:25		
13C2-PFTA (S)	50	%.	10-130		1	03/14/25 13:30	03/17/25 19:25		
13C7-PFUdA (S)	52	%.	30-130		1	03/14/25 13:30	03/17/25 19:25		
13C24:2FTS (S)	64	%.	40-200		1	03/14/25 13:30	03/17/25 19:25		
13C26:2FTS (S)	53	%.	40-200		1	03/14/25 13:30	03/17/25 19:25		
13C28:2FTS (S)	61	%.	40-300		1	03/14/25 13:30	03/17/25 19:25		
13C3-PFPrA (S)	54	%.	5-130		1	03/14/25 13:30	03/17/25 19:25		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK01-0-250307 **Lab ID: 10726385034** Collected: 03/07/25 09:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0021**	ug/L	0.0069	0.0021	1	03/14/25 13:30	03/17/25 19:52	763051-92-9	
4:2 FTS	**<0.0017**	ug/L	0.0069	0.0017	1	03/14/25 13:30	03/17/25 19:52	757124-72-4	
6:2 FTS	**<0.0020**	ug/L	0.0069	0.0020	1	03/14/25 13:30	03/17/25 19:52	27619-97-2	
8:2 FTS	**<0.0018**	ug/L	0.0069	0.0018	1	03/14/25 13:30	03/17/25 19:52	39108-34-4	
9Cl-PF3ONS	**<0.0018**	ug/L	0.0069	0.0018	1	03/14/25 13:30	03/17/25 19:52	756426-58-1	
ADONA	**<0.0020**	ug/L	0.0069	0.0020	1	03/14/25 13:30	03/17/25 19:52	919005-14-4	
HFPO-DA	**<0.0019**	ug/L	0.0069	0.0019	1	03/14/25 13:30	03/17/25 19:52	13252-13-6	
NEtFOSAA	**<0.00072**	ug/L	0.0017	0.00072	1	03/14/25 13:30	03/17/25 19:52	2991-50-6	
NEtFOSA	**<0.00054**	ug/L	0.0017	0.00054	1	03/14/25 13:30	03/17/25 19:52	4151-50-2	
NEtFOSE	**<0.0044**	ug/L	0.017	0.0044	1	03/14/25 13:30	03/17/25 19:52	1691-99-2	
NMeFOSAA	**<0.00054**	ug/L	0.0017	0.00054	1	03/14/25 13:30	03/17/25 19:52	2355-31-9	
NMeFOSA	**<0.00053**	ug/L	0.0017	0.00053	1	03/14/25 13:30	03/17/25 19:52	31506-32-8	
NMeFOSE	**<0.0044**	ug/L	0.017	0.0044	1	03/14/25 13:30	03/17/25 19:52	24448-09-7	
PFBS	**0.0046**	ug/L	0.0017	0.00045	1	03/14/25 13:30	03/17/25 19:52	375-73-5	
PFDA	**<0.00053**	ug/L	0.0017	0.00053	1	03/14/25 13:30	03/17/25 19:52	335-76-2	
PFHxA	**0.0049**	ug/L	0.0017	0.00041	1	03/14/25 13:30	03/17/25 19:52	307-24-4	
PFBA	**0.0079**	ug/L	0.0069	0.0017	1	03/14/25 13:30	03/17/25 19:52	375-22-4	
PFDS	**<0.00074**	ug/L	0.0017	0.00074	1	03/14/25 13:30	03/17/25 19:52	335-77-3	
PFDoS	**<0.00037**	ug/L	0.0017	0.00037	1	03/14/25 13:30	03/17/25 19:52	79780-39-5	
PFHpS	**0.0027**	ug/L	0.0017	0.00050	1	03/14/25 13:30	03/17/25 19:52	375-92-8	
PFNS	**<0.00051**	ug/L	0.0017	0.00051	1	03/14/25 13:30	03/17/25 19:52	68259-12-1	
PFOSA	**<0.00053**	ug/L	0.0017	0.00053	1	03/14/25 13:30	03/17/25 19:52	754-91-6	
PFPeA	**<0.0010**	ug/L	0.0034	0.0010	1	03/14/25 13:30	03/17/25 19:52	2706-90-3	
PFPeS	**0.0067**	ug/L	0.0017	0.00041	1	03/14/25 13:30	03/17/25 19:52	2706-91-4	
PFDoA	**<0.00053**	ug/L	0.0017	0.00053	1	03/14/25 13:30	03/17/25 19:52	307-55-1	
PFHpA	**0.0012J**	ug/L	0.0017	0.00066	1	03/14/25 13:30	03/17/25 19:52	375-85-9	
PFHxS	**0.11**	ug/L	0.0017	0.00044	1	03/14/25 13:30	03/17/25 19:52	355-46-4	
PFNA	**<0.00056**	ug/L	0.0017	0.00056	1	03/14/25 13:30	03/17/25 19:52	375-95-1	
PFOS	**0.038**	ug/L	0.0017	0.00042	1	03/14/25 13:30	03/17/25 19:52	1763-23-1	
PFOA	**0.013**	ug/L	0.0017	0.00052	1	03/14/25 13:30	03/17/25 19:52	335-67-1	
PFTeDA	**<0.00045**	ug/L	0.0017	0.00045	1	03/14/25 13:30	03/17/25 19:52	376-06-7	
PFTrDA	**<0.00049**	ug/L	0.0017	0.00049	1	03/14/25 13:30	03/17/25 19:52	72629-94-8	
PFUnA	**<0.00038**	ug/L	0.0017	0.00038	1	03/14/25 13:30	03/17/25 19:52	2058-94-8	
Surrogates									
13C2-PFDoA (S)	47	%.	10-130		1	03/14/25 13:30	03/17/25 19:52		1M
13C3HFPO-DA (S)	51	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		
13C3-PFBS (S)	48	%.	40-135		1	03/14/25 13:30	03/17/25 19:52		
13C3-PFHxS (S)	46	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		
13C4-PFBA (S)	56	%.	5-130		1	03/14/25 13:30	03/17/25 19:52		
13C4-PFHpA (S)	47	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		
13C5-PFHxA (S)	51	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		
13C5-PFPeA (S)	53	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		
13C6-PFDA (S)	48	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		
13C8-PFOA (S)	50	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK01-0-250307 **Lab ID: 10726385034** Collected: 03/07/25 09:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOS (S)	46	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		
13C8-PFOSA (S)	30	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		S0
13C9-PFNA (S)	47	%.	40-130		1	03/14/25 13:30	03/17/25 19:52		
d3-MeFOSAA (S)	35	%.	40-170		1	03/14/25 13:30	03/17/25 19:52		S0
d3-NMeFOSA (S)	25	%.	10-130		1	03/14/25 13:30	03/17/25 19:52		
d5-EtFOSAA (S)	34	%.	25-135		1	03/14/25 13:30	03/17/25 19:52		
d5-NEtFOSA (S)	25	%.	10-130		1	03/14/25 13:30	03/17/25 19:52		
d7-NMeFOSE (S)	19	%.	10-130		1	03/14/25 13:30	03/17/25 19:52		
d9-NEtFOSE (S)	17	%.	10-130		1	03/14/25 13:30	03/17/25 19:52		
13C2-PFTA (S)	47	%.	10-130		1	03/14/25 13:30	03/17/25 19:52		
13C7-PFUdA (S)	48	%.	30-130		1	03/14/25 13:30	03/17/25 19:52		
13C24:2FTS (S)	65	%.	40-200		1	03/14/25 13:30	03/17/25 19:52		
13C26:2FTS (S)	57	%.	40-200		1	03/14/25 13:30	03/17/25 19:52		
13C28:2FTS (S)	55	%.	40-300		1	03/14/25 13:30	03/17/25 19:52		
13C3-PFPrA (S)	29	%.	5-130		1	03/14/25 13:30	03/17/25 19:52		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK02-0-250307 **Lab ID: 10726385035** Collected: 03/07/25 08:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0019**	ug/L	0.0062	0.0019	1	03/14/25 13:30	03/17/25 20:01	763051-92-9	
4:2 FTS	**<0.0015**	ug/L	0.0062	0.0015	1	03/14/25 13:30	03/17/25 20:01	757124-72-4	
6:2 FTS	**<0.0018**	ug/L	0.0062	0.0018	1	03/14/25 13:30	03/17/25 20:01	27619-97-2	
8:2 FTS	**<0.0016**	ug/L	0.0062	0.0016	1	03/14/25 13:30	03/17/25 20:01	39108-34-4	
9Cl-PF3ONS	**<0.0016**	ug/L	0.0062	0.0016	1	03/14/25 13:30	03/17/25 20:01	756426-58-1	
ADONA	**<0.0018**	ug/L	0.0062	0.0018	1	03/14/25 13:30	03/17/25 20:01	919005-14-4	
HFPO-DA	**<0.0017**	ug/L	0.0062	0.0017	1	03/14/25 13:30	03/17/25 20:01	13252-13-6	
NEtFOSAA	**<0.00064**	ug/L	0.0015	0.00064	1	03/14/25 13:30	03/17/25 20:01	2991-50-6	
NEtFOSA	**<0.00049**	ug/L	0.0015	0.00049	1	03/14/25 13:30	03/17/25 20:01	4151-50-2	
NEtFOSE	**<0.0040**	ug/L	0.015	0.0040	1	03/14/25 13:30	03/17/25 20:01	1691-99-2	
NMeFOSAA	**<0.00048**	ug/L	0.0015	0.00048	1	03/14/25 13:30	03/17/25 20:01	2355-31-9	
NMeFOSA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 13:30	03/17/25 20:01	31506-32-8	
NMeFOSE	**<0.0040**	ug/L	0.015	0.0040	1	03/14/25 13:30	03/17/25 20:01	24448-09-7	
PFBS	**0.0024**	ug/L	0.0015	0.00040	1	03/14/25 13:30	03/17/25 20:01	375-73-5	
PFDA	**<0.00048**	ug/L	0.0015	0.00048	1	03/14/25 13:30	03/17/25 20:01	335-76-2	
PFHxA	**0.0021**	ug/L	0.0015	0.00037	1	03/14/25 13:30	03/17/25 20:01	307-24-4	
PFBA	**0.0089**	ug/L	0.0062	0.0015	1	03/14/25 13:30	03/17/25 20:01	375-22-4	
PFDS	**<0.00066**	ug/L	0.0015	0.00066	1	03/14/25 13:30	03/17/25 20:01	335-77-3	
PFDoS	**<0.00033**	ug/L	0.0015	0.00033	1	03/14/25 13:30	03/17/25 20:01	79780-39-5	
PFHpS	**0.00048J**	ug/L	0.0015	0.00045	1	03/14/25 13:30	03/17/25 20:01	375-92-8	
PFNS	**<0.00045**	ug/L	0.0015	0.00045	1	03/14/25 13:30	03/17/25 20:01	68259-12-1	
PFOSA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 13:30	03/17/25 20:01	754-91-6	
PFPeA	**<0.00092**	ug/L	0.0031	0.00092	1	03/14/25 13:30	03/17/25 20:01	2706-90-3	
PFPeS	**0.0036**	ug/L	0.0015	0.00036	1	03/14/25 13:30	03/17/25 20:01	2706-91-4	
PFDoA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 13:30	03/17/25 20:01	307-55-1	
PFHpA	**0.00076J**	ug/L	0.0015	0.00059	1	03/14/25 13:30	03/17/25 20:01	375-85-9	
PFHxS	**0.043**	ug/L	0.0015	0.00039	1	03/14/25 13:30	03/17/25 20:01	355-46-4	
PFNA	**<0.00050**	ug/L	0.0015	0.00050	1	03/14/25 13:30	03/17/25 20:01	375-95-1	
PFOS	**0.014**	ug/L	0.0015	0.00038	1	03/14/25 13:30	03/17/25 20:01	1763-23-1	
PFOA	**0.0031**	ug/L	0.0015	0.00047	1	03/14/25 13:30	03/17/25 20:01	335-67-1	
PFTeDA	**<0.00040**	ug/L	0.0015	0.00040	1	03/14/25 13:30	03/17/25 20:01	376-06-7	
PFTrDA	**<0.00044**	ug/L	0.0015	0.00044	1	03/14/25 13:30	03/17/25 20:01	72629-94-8	
PFUnA	**<0.00034**	ug/L	0.0015	0.00034	1	03/14/25 13:30	03/17/25 20:01	2058-94-8	
Surrogates									
13C2-PFDoA (S)	60	%.	10-130		1	03/14/25 13:30	03/17/25 20:01		
13C3HFPO-DA (S)	66	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		
13C3-PFBS (S)	67	%.	40-135		1	03/14/25 13:30	03/17/25 20:01		
13C3-PFHxS (S)	67	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		
13C4-PFBA (S)	68	%.	5-130		1	03/14/25 13:30	03/17/25 20:01		
13C4-PFHpA (S)	66	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		
13C5-PFHxA (S)	68	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		
13C5-PFPeA (S)	69	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		
13C6-PFDA (S)	69	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		
13C8-PFOA (S)	72	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK02-0-250307 **Lab ID: 10726385035** Collected: 03/07/25 08:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOS (S)	68	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		
13C8-PFOSA (S)	41	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		
13C9-PFNA (S)	70	%.	40-130		1	03/14/25 13:30	03/17/25 20:01		
d3-MeFOSAA (S)	53	%.	40-170		1	03/14/25 13:30	03/17/25 20:01		
d3-NMeFOSA (S)	33	%.	10-130		1	03/14/25 13:30	03/17/25 20:01		
d5-EtFOSAA (S)	52	%.	25-135		1	03/14/25 13:30	03/17/25 20:01		
d5-NEtFOSA (S)	32	%.	10-130		1	03/14/25 13:30	03/17/25 20:01		
d7-NMeFOSE (S)	29	%.	10-130		1	03/14/25 13:30	03/17/25 20:01		
d9-NEtFOSE (S)	27	%.	10-130		1	03/14/25 13:30	03/17/25 20:01		
13C2-PFTA (S)	56	%.	10-130		1	03/14/25 13:30	03/17/25 20:01		
13C7-PFUdA (S)	68	%.	30-130		1	03/14/25 13:30	03/17/25 20:01		
13C24:2FTS (S)	93	%.	40-200		1	03/14/25 13:30	03/17/25 20:01		
13C26:2FTS (S)	79	%.	40-200		1	03/14/25 13:30	03/17/25 20:01		
13C28:2FTS (S)	94	%.	40-300		1	03/14/25 13:30	03/17/25 20:01		
13C3-PFPrA (S)	26	%.	5-130		1	03/14/25 13:30	03/17/25 20:01		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK03-0-250307 **Lab ID: 10726385036** Collected: 03/07/25 09:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0084**	ug/L	0.028	0.0084	1	03/14/25 13:30	03/17/25 20:10	763051-92-9	
4:2 FTS	**<0.0070**	ug/L	0.028	0.0070	1	03/14/25 13:30	03/17/25 20:10	757124-72-4	
6:2 FTS	**<0.0080**	ug/L	0.028	0.0080	1	03/14/25 13:30	03/17/25 20:10	27619-97-2	
8:2 FTS	**<0.0072**	ug/L	0.028	0.0072	1	03/14/25 13:30	03/17/25 20:10	39108-34-4	
9Cl-PF3ONS	**<0.0073**	ug/L	0.028	0.0073	1	03/14/25 13:30	03/17/25 20:10	756426-58-1	
ADONA	**<0.0082**	ug/L	0.028	0.0082	1	03/14/25 13:30	03/17/25 20:10	919005-14-4	
HFPO-DA	**<0.0078**	ug/L	0.028	0.0078	1	03/14/25 13:30	03/17/25 20:10	13252-13-6	
NEtFOSAA	**<0.0029**	ug/L	0.0070	0.0029	1	03/14/25 13:30	03/17/25 20:10	2991-50-6	
NEtFOSA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 20:10	4151-50-2	
NEtFOSE	**<0.018**	ug/L	0.070	0.018	1	03/14/25 13:30	03/17/25 20:10	1691-99-2	
NMeFOSAA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 20:10	2355-31-9	
NMeFOSA	**<0.0021**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 20:10	31506-32-8	
NMeFOSE	**<0.018**	ug/L	0.070	0.018	1	03/14/25 13:30	03/17/25 20:10	24448-09-7	
PFBS	**0.0022J**	ug/L	0.0070	0.0018	1	03/14/25 13:30	03/17/25 20:10	375-73-5	
PFDA	**<0.0022**	ug/L	0.0070	0.0022	1	03/14/25 13:30	03/17/25 20:10	335-76-2	
PFHxA	**<0.0017**	ug/L	0.0070	0.0017	1	03/14/25 13:30	03/17/25 20:10	307-24-4	
PFBA	**0.011J**	ug/L	0.028	0.0067	1	03/14/25 13:30	03/17/25 20:10	375-22-4	
PFDS	**<0.0030**	ug/L	0.0070	0.0030	1	03/14/25 13:30	03/17/25 20:10	335-77-3	
PFDoS	**<0.0015**	ug/L	0.0070	0.0015	1	03/14/25 13:30	03/17/25 20:10	79780-39-5	
PFHpS	**<0.0020**	ug/L	0.0070	0.0020	1	03/14/25 13:30	03/17/25 20:10	375-92-8	
PFNS	**<0.0021**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 20:10	68259-12-1	
PFOSA	**<0.0021**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 20:10	754-91-6	
PFPeA	**<0.0041**	ug/L	0.014	0.0041	1	03/14/25 13:30	03/17/25 20:10	2706-90-3	
PFPeS	**0.0022J**	ug/L	0.0070	0.0016	1	03/14/25 13:30	03/17/25 20:10	2706-91-4	
PFDoA	**<0.0021**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 20:10	307-55-1	
PFHpA	**<0.0027**	ug/L	0.0070	0.0027	1	03/14/25 13:30	03/17/25 20:10	375-85-9	
PFHxS	**0.024**	ug/L	0.0070	0.0018	1	03/14/25 13:30	03/17/25 20:10	355-46-4	
PFNA	**<0.0023**	ug/L	0.0070	0.0023	1	03/14/25 13:30	03/17/25 20:10	375-95-1	
PFOS	**0.015**	ug/L	0.0070	0.0017	1	03/14/25 13:30	03/17/25 20:10	1763-23-1	
PFOA	**0.0028J**	ug/L	0.0070	0.0021	1	03/14/25 13:30	03/17/25 20:10	335-67-1	
PFTeDA	**<0.0018**	ug/L	0.0070	0.0018	1	03/14/25 13:30	03/17/25 20:10	376-06-7	
PFTrDA	**<0.0020**	ug/L	0.0070	0.0020	1	03/14/25 13:30	03/17/25 20:10	72629-94-8	
PFUnA	**<0.0015**	ug/L	0.0070	0.0015	1	03/14/25 13:30	03/17/25 20:10	2058-94-8	
Surrogates									
13C2-PFDoA (S)	63	%.	10-130		1	03/14/25 13:30	03/17/25 20:10		
13C3HFPO-DA (S)	70	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		
13C3-PFBS (S)	72	%.	40-135		1	03/14/25 13:30	03/17/25 20:10		
13C3-PFHxS (S)	74	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		
13C4-PFBA (S)	74	%.	5-130		1	03/14/25 13:30	03/17/25 20:10		
13C4-PFHpA (S)	71	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		
13C5-PFHxA (S)	74	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		
13C5-PFPeA (S)	75	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		
13C6-PFDA (S)	72	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		
13C8-PFOA (S)	78	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK03-0-250307 **Lab ID: 10726385036** Collected: 03/07/25 09:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOS (S)	73	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		
13C8-PFOSA (S)	43	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		
13C9-PFNA (S)	74	%.	40-130		1	03/14/25 13:30	03/17/25 20:10		
d3-MeFOSAA (S)	59	%.	40-170		1	03/14/25 13:30	03/17/25 20:10		
d3-NMeFOSA (S)	38	%.	10-130		1	03/14/25 13:30	03/17/25 20:10		
d5-EtFOSAA (S)	57	%.	25-135		1	03/14/25 13:30	03/17/25 20:10		
d5-NEtFOSA (S)	37	%.	10-130		1	03/14/25 13:30	03/17/25 20:10		
d7-NMeFOSE (S)	33	%.	10-130		1	03/14/25 13:30	03/17/25 20:10		
d9-NEtFOSE (S)	31	%.	10-130		1	03/14/25 13:30	03/17/25 20:10		
13C2-PFTA (S)	63	%.	10-130		1	03/14/25 13:30	03/17/25 20:10		
13C7-PFUdA (S)	72	%.	30-130		1	03/14/25 13:30	03/17/25 20:10		
13C24:2FTS (S)	74	%.	40-200		1	03/14/25 13:30	03/17/25 20:10		
13C26:2FTS (S)	86	%.	40-200		1	03/14/25 13:30	03/17/25 20:10		
13C28:2FTS (S)	102	%.	40-300		1	03/14/25 13:30	03/17/25 20:10		
13C3-PFPrA (S)	83	%.	5-130		1	03/14/25 13:30	03/17/25 20:10		

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK03-DB-250307 **Lab ID: 10726385037** Collected: 03/07/25 09:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0039**	ug/L	0.013	0.0039	1	03/14/25 13:30	03/17/25 20:20	763051-92-9	
4:2 FTS	**<0.0032**	ug/L	0.013	0.0032	1	03/14/25 13:30	03/17/25 20:20	757124-72-4	
6:2 FTS	**<0.0037**	ug/L	0.013	0.0037	1	03/14/25 13:30	03/17/25 20:20	27619-97-2	
8:2 FTS	**<0.0033**	ug/L	0.013	0.0033	1	03/14/25 13:30	03/17/25 20:20	39108-34-4	
9Cl-PF3ONS	**<0.0034**	ug/L	0.013	0.0034	1	03/14/25 13:30	03/17/25 20:20	756426-58-1	
ADONA	**<0.0038**	ug/L	0.013	0.0038	1	03/14/25 13:30	03/17/25 20:20	919005-14-4	
HFPO-DA	**<0.0036**	ug/L	0.013	0.0036	1	03/14/25 13:30	03/17/25 20:20	13252-13-6	
NEtFOSAA	**<0.0013**	ug/L	0.0032	0.0013	1	03/14/25 13:30	03/17/25 20:20	2991-50-6	
NEtFOSA	**<0.0010**	ug/L	0.0032	0.0010	1	03/14/25 13:30	03/17/25 20:20	4151-50-2	
NEtFOSE	**<0.0083**	ug/L	0.032	0.0083	1	03/14/25 13:30	03/17/25 20:20	1691-99-2	
NMeFOSAA	**<0.0010**	ug/L	0.0032	0.0010	1	03/14/25 13:30	03/17/25 20:20	2355-31-9	
NMeFOSA	**<0.00099**	ug/L	0.0032	0.00099	1	03/14/25 13:30	03/17/25 20:20	31506-32-8	
NMeFOSE	**<0.0083**	ug/L	0.032	0.0083	1	03/14/25 13:30	03/17/25 20:20	24448-09-7	
PFBS	**0.0022J**	ug/L	0.0032	0.00084	1	03/14/25 13:30	03/17/25 20:20	375-73-5	
PFDA	**<0.0010**	ug/L	0.0032	0.0010	1	03/14/25 13:30	03/17/25 20:20	335-76-2	
PFHxA	**<0.00077**	ug/L	0.0032	0.00077	1	03/14/25 13:30	03/17/25 20:20	307-24-4	
PFBA	**0.0084J**	ug/L	0.013	0.0031	1	03/14/25 13:30	03/17/25 20:20	375-22-4	
PFDS	**<0.0014**	ug/L	0.0032	0.0014	1	03/14/25 13:30	03/17/25 20:20	335-77-3	
PFDoS	**<0.00069**	ug/L	0.0032	0.00069	1	03/14/25 13:30	03/17/25 20:20	79780-39-5	
PFHpS	**<0.00094**	ug/L	0.0032	0.00094	1	03/14/25 13:30	03/17/25 20:20	375-92-8	
PFNS	**<0.00095**	ug/L	0.0032	0.00095	1	03/14/25 13:30	03/17/25 20:20	68259-12-1	
PFOSA	**<0.00098**	ug/L	0.0032	0.00098	1	03/14/25 13:30	03/17/25 20:20	754-91-6	
PFPeA	**<0.0019**	ug/L	0.0064	0.0019	1	03/14/25 13:30	03/17/25 20:20	2706-90-3	
PFPeS	**0.0021J**	ug/L	0.0032	0.00076	1	03/14/25 13:30	03/17/25 20:20	2706-91-4	
PFDoA	**<0.00098**	ug/L	0.0032	0.00098	1	03/14/25 13:30	03/17/25 20:20	307-55-1	
PFHpA	**<0.0012**	ug/L	0.0032	0.0012	1	03/14/25 13:30	03/17/25 20:20	375-85-9	
PFHxS	**0.024**	ug/L	0.0032	0.00082	1	03/14/25 13:30	03/17/25 20:20	355-46-4	
PFNA	**<0.0011**	ug/L	0.0032	0.0011	1	03/14/25 13:30	03/17/25 20:20	375-95-1	
PFOS	**0.013**	ug/L	0.0032	0.00079	1	03/14/25 13:30	03/17/25 20:20	1763-23-1	
PFOA	**0.0025J**	ug/L	0.0032	0.00098	1	03/14/25 13:30	03/17/25 20:20	335-67-1	
PFTeDA	**<0.00083**	ug/L	0.0032	0.00083	1	03/14/25 13:30	03/17/25 20:20	376-06-7	
PFTrDA	**<0.00091**	ug/L	0.0032	0.00091	1	03/14/25 13:30	03/17/25 20:20	72629-94-8	
PFUnA	**<0.00071**	ug/L	0.0032	0.00071	1	03/14/25 13:30	03/17/25 20:20	2058-94-8	
Surrogates									
13C2-PFDoA (S)	66	%.	10-130		1	03/14/25 13:30	03/17/25 20:20		
13C3HFPO-DA (S)	79	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		
13C3-PFBS (S)	82	%.	40-135		1	03/14/25 13:30	03/17/25 20:20		
13C3-PFHxS (S)	82	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		
13C4-PFBA (S)	79	%.	5-130		1	03/14/25 13:30	03/17/25 20:20		
13C4-PFHpA (S)	81	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		
13C5-PFHxA (S)	82	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		
13C5-PFPeA (S)	83	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		
13C6-PFDA (S)	79	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		
13C8-PFOA (S)	85	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		

REPORT OF LABORATORY ANALYSIS

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK03-DB-250307 **Lab ID: 10726385037** Collected: 03/07/25 09:15 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOS (S)	79	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		
13C8-PFOSA (S)	48	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		
13C9-PFNA (S)	80	%.	40-130		1	03/14/25 13:30	03/17/25 20:20		
d3-MeFOSAA (S)	66	%.	40-170		1	03/14/25 13:30	03/17/25 20:20		
d3-NMeFOSA (S)	39	%.	10-130		1	03/14/25 13:30	03/17/25 20:20		
d5-EtFOSAA (S)	63	%.	25-135		1	03/14/25 13:30	03/17/25 20:20		
d5-NEtFOSA (S)	39	%.	10-130		1	03/14/25 13:30	03/17/25 20:20		
d7-NMeFOSE (S)	35	%.	10-130		1	03/14/25 13:30	03/17/25 20:20		
d9-NEtFOSE (S)	32	%.	10-130		1	03/14/25 13:30	03/17/25 20:20		
13C2-PFTA (S)	66	%.	10-130		1	03/14/25 13:30	03/17/25 20:20		
13C7-PFUdA (S)	76	%.	30-130		1	03/14/25 13:30	03/17/25 20:20		
13C24:2FTS (S)	116	%.	40-200		1	03/14/25 13:30	03/17/25 20:20		
13C26:2FTS (S)	104	%.	40-200		1	03/14/25 13:30	03/17/25 20:20		
13C28:2FTS (S)	131	%.	40-300		1	03/14/25 13:30	03/17/25 20:20		
13C3-PFPrA (S)	76	%.	5-130		1	03/14/25 13:30	03/17/25 20:20		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK04-0-250307 **Lab ID: 10726385038** Collected: 03/07/25 09:00 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0021**	ug/L	0.0069	0.0021	1	03/14/25 13:30	03/17/25 20:29	763051-92-9	
4:2 FTS	**<0.0017**	ug/L	0.0069	0.0017	1	03/14/25 13:30	03/17/25 20:29	757124-72-4	
6:2 FTS	**<0.0020**	ug/L	0.0069	0.0020	1	03/14/25 13:30	03/17/25 20:29	27619-97-2	
8:2 FTS	**<0.0018**	ug/L	0.0069	0.0018	1	03/14/25 13:30	03/17/25 20:29	39108-34-4	
9Cl-PF3ONS	**<0.0018**	ug/L	0.0069	0.0018	1	03/14/25 13:30	03/17/25 20:29	756426-58-1	
ADONA	**<0.0020**	ug/L	0.0069	0.0020	1	03/14/25 13:30	03/17/25 20:29	919005-14-4	
HFPO-DA	**<0.0019**	ug/L	0.0069	0.0019	1	03/14/25 13:30	03/17/25 20:29	13252-13-6	
NEtFOSAA	**<0.00072**	ug/L	0.0017	0.00072	1	03/14/25 13:30	03/17/25 20:29	2991-50-6	
NEtFOSA	**<0.00055**	ug/L	0.0017	0.00055	1	03/14/25 13:30	03/17/25 20:29	4151-50-2	
NEtFOSE	**<0.0044**	ug/L	0.017	0.0044	1	03/14/25 13:30	03/17/25 20:29	1691-99-2	
NMeFOSAA	**<0.00054**	ug/L	0.0017	0.00054	1	03/14/25 13:30	03/17/25 20:29	2355-31-9	
NMeFOSA	**<0.00053**	ug/L	0.0017	0.00053	1	03/14/25 13:30	03/17/25 20:29	31506-32-8	
NMeFOSE	**<0.0044**	ug/L	0.017	0.0044	1	03/14/25 13:30	03/17/25 20:29	24448-09-7	
PFBS	**0.0027**	ug/L	0.0017	0.00045	1	03/14/25 13:30	03/17/25 20:29	375-73-5	
PFDA	**<0.00053**	ug/L	0.0017	0.00053	1	03/14/25 13:30	03/17/25 20:29	335-76-2	
PFHxA	**<0.00041**	ug/L	0.0017	0.00041	1	03/14/25 13:30	03/17/25 20:29	307-24-4	
PFBA	**0.010**	ug/L	0.0069	0.0017	1	03/14/25 13:30	03/17/25 20:29	375-22-4	
PFDS	**<0.00074**	ug/L	0.0017	0.00074	1	03/14/25 13:30	03/17/25 20:29	335-77-3	
PFDoS	**<0.00037**	ug/L	0.0017	0.00037	1	03/14/25 13:30	03/17/25 20:29	79780-39-5	
PFHpS	**<0.00050**	ug/L	0.0017	0.00050	1	03/14/25 13:30	03/17/25 20:29	375-92-8	
PFNS	**<0.00051**	ug/L	0.0017	0.00051	1	03/14/25 13:30	03/17/25 20:29	68259-12-1	
PFOSA	**<0.00053**	ug/L	0.0017	0.00053	1	03/14/25 13:30	03/17/25 20:29	754-91-6	
PFPeA	**<0.0010**	ug/L	0.0034	0.0010	1	03/14/25 13:30	03/17/25 20:29	2706-90-3	
PFPeS	**0.0019**	ug/L	0.0017	0.00041	1	03/14/25 13:30	03/17/25 20:29	2706-91-4	
PFDoA	**<0.00053**	ug/L	0.0017	0.00053	1	03/14/25 13:30	03/17/25 20:29	307-55-1	
PFHpA	**<0.00066**	ug/L	0.0017	0.00066	1	03/14/25 13:30	03/17/25 20:29	375-85-9	
PFHxS	**0.022**	ug/L	0.0017	0.00044	1	03/14/25 13:30	03/17/25 20:29	355-46-4	
PFNA	**<0.00056**	ug/L	0.0017	0.00056	1	03/14/25 13:30	03/17/25 20:29	375-95-1	
PFOS	**0.0092**	ug/L	0.0017	0.00042	1	03/14/25 13:30	03/17/25 20:29	1763-23-1	
PFOA	**0.0027**	ug/L	0.0017	0.00052	1	03/14/25 13:30	03/17/25 20:29	335-67-1	
PFTeDA	**<0.00045**	ug/L	0.0017	0.00045	1	03/14/25 13:30	03/17/25 20:29	376-06-7	
PFTrDA	**<0.00049**	ug/L	0.0017	0.00049	1	03/14/25 13:30	03/17/25 20:29	72629-94-8	
PFUnA	**<0.00038**	ug/L	0.0017	0.00038	1	03/14/25 13:30	03/17/25 20:29	2058-94-8	
Surrogates									
13C2-PFDoA (S)	37	%.	10-130		1	03/14/25 13:30	03/17/25 20:29		1M
13C3HFPO-DA (S)	33	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0
13C3-PFBS (S)	32	%.	40-135		1	03/14/25 13:30	03/17/25 20:29		S0
13C3-PFHxS (S)	33	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0
13C4-PFBA (S)	37	%.	5-130		1	03/14/25 13:30	03/17/25 20:29		
13C4-PFHpA (S)	32	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0
13C5-PFHxA (S)	34	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0
13C5-PFPeA (S)	36	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0
13C6-PFDA (S)	33	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0
13C8-PFOA (S)	34	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0

REPORT OF LABORATORY ANALYSIS

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1700 Elm Street
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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-SW-CREEK04-0-250307 **Lab ID: 10726385038** Collected: 03/07/25 09:00 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOS (S)	32	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0
13C8-PFOSA (S)	20	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0
13C9-PFNA (S)	34	%.	40-130		1	03/14/25 13:30	03/17/25 20:29		S0
d3-MeFOSAA (S)	28	%.	40-170		1	03/14/25 13:30	03/17/25 20:29		S0
d3-NMeFOSA (S)	19	%.	10-130		1	03/14/25 13:30	03/17/25 20:29		
d5-EtFOSAA (S)	28	%.	25-135		1	03/14/25 13:30	03/17/25 20:29		
d5-NEtFOSA (S)	19	%.	10-130		1	03/14/25 13:30	03/17/25 20:29		
d7-NMeFOSE (S)	16	%.	10-130		1	03/14/25 13:30	03/17/25 20:29		
d9-NEtFOSE (S)	15	%.	10-130		1	03/14/25 13:30	03/17/25 20:29		
13C2-PFTA (S)	43	%.	10-130		1	03/14/25 13:30	03/17/25 20:29		
13C7-PFUdA (S)	37	%.	30-130		1	03/14/25 13:30	03/17/25 20:29		
13C24:2FTS (S)	48	%.	40-200		1	03/14/25 13:30	03/17/25 20:29		
13C26:2FTS (S)	43	%.	40-200		1	03/14/25 13:30	03/17/25 20:29		
13C28:2FTS (S)	55	%.	40-300		1	03/14/25 13:30	03/17/25 20:29		
13C3-PFPrA (S)	40	%.	5-130		1	03/14/25 13:30	03/17/25 20:29		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-TB1-TB-250305 **Lab ID: 10726385039** Collected: 03/05/25 15:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0019**	ug/L	0.0061	0.0019	1	03/14/25 13:30	03/17/25 20:38	763051-92-9	
4:2 FTS	**<0.0015**	ug/L	0.0061	0.0015	1	03/14/25 13:30	03/17/25 20:38	757124-72-4	
6:2 FTS	**<0.0018**	ug/L	0.0061	0.0018	1	03/14/25 13:30	03/17/25 20:38	27619-97-2	
8:2 FTS	**<0.0016**	ug/L	0.0061	0.0016	1	03/14/25 13:30	03/17/25 20:38	39108-34-4	
9Cl-PF3ONS	**<0.0016**	ug/L	0.0061	0.0016	1	03/14/25 13:30	03/17/25 20:38	756426-58-1	
ADONA	**<0.0018**	ug/L	0.0061	0.0018	1	03/14/25 13:30	03/17/25 20:38	919005-14-4	
HFPO-DA	**<0.0017**	ug/L	0.0061	0.0017	1	03/14/25 13:30	03/17/25 20:38	13252-13-6	
NEtFOSAA	**<0.00064**	ug/L	0.0015	0.00064	1	03/14/25 13:30	03/17/25 20:38	2991-50-6	
NEtFOSA	**<0.00049**	ug/L	0.0015	0.00049	1	03/14/25 13:30	03/17/25 20:38	4151-50-2	
NEtFOSE	**<0.0040**	ug/L	0.015	0.0040	1	03/14/25 13:30	03/17/25 20:38	1691-99-2	
NMeFOSAA	**<0.00048**	ug/L	0.0015	0.00048	1	03/14/25 13:30	03/17/25 20:38	2355-31-9	
NMeFOSA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 13:30	03/17/25 20:38	31506-32-8	
NMeFOSE	**<0.0039**	ug/L	0.015	0.0039	1	03/14/25 13:30	03/17/25 20:38	24448-09-7	
PFBS	**<0.00040**	ug/L	0.0015	0.00040	1	03/14/25 13:30	03/17/25 20:38	375-73-5	
PFDA	**<0.00048**	ug/L	0.0015	0.00048	1	03/14/25 13:30	03/17/25 20:38	335-76-2	
PFHxA	**<0.00037**	ug/L	0.0015	0.00037	1	03/14/25 13:30	03/17/25 20:38	307-24-4	
PFBA	**<0.0015**	ug/L	0.0061	0.0015	1	03/14/25 13:30	03/17/25 20:38	375-22-4	
PFDS	**<0.00066**	ug/L	0.0015	0.00066	1	03/14/25 13:30	03/17/25 20:38	335-77-3	
PFDoS	**<0.00033**	ug/L	0.0015	0.00033	1	03/14/25 13:30	03/17/25 20:38	79780-39-5	
PFHpS	**<0.00045**	ug/L	0.0015	0.00045	1	03/14/25 13:30	03/17/25 20:38	375-92-8	
PFNS	**<0.00045**	ug/L	0.0015	0.00045	1	03/14/25 13:30	03/17/25 20:38	68259-12-1	
PFOSA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 13:30	03/17/25 20:38	754-91-6	
PFPeA	**<0.00091**	ug/L	0.0031	0.00091	1	03/14/25 13:30	03/17/25 20:38	2706-90-3	
PFPeS	**<0.00036**	ug/L	0.0015	0.00036	1	03/14/25 13:30	03/17/25 20:38	2706-91-4	
PFDoA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 13:30	03/17/25 20:38	307-55-1	
PFHpA	**<0.00059**	ug/L	0.0015	0.00059	1	03/14/25 13:30	03/17/25 20:38	375-85-9	
PFHxS	**<0.00039**	ug/L	0.0015	0.00039	1	03/14/25 13:30	03/17/25 20:38	355-46-4	
PFNA	**<0.00050**	ug/L	0.0015	0.00050	1	03/14/25 13:30	03/17/25 20:38	375-95-1	
PFOS	**<0.00038**	ug/L	0.0015	0.00038	1	03/14/25 13:30	03/17/25 20:38	1763-23-1	
PFOA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 13:30	03/17/25 20:38	335-67-1	
PFTeDA	**<0.00040**	ug/L	0.0015	0.00040	1	03/14/25 13:30	03/17/25 20:38	376-06-7	
PFTrDA	**<0.00043**	ug/L	0.0015	0.00043	1	03/14/25 13:30	03/17/25 20:38	72629-94-8	
PFUnA	**<0.00034**	ug/L	0.0015	0.00034	1	03/14/25 13:30	03/17/25 20:38	2058-94-8	
Surrogates									
13C2-PFDoA (S)	58	%.	10-130		1	03/14/25 13:30	03/17/25 20:38		1M
13C3HFPO-DA (S)	57	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		
13C3-PFBS (S)	57	%.	40-135		1	03/14/25 13:30	03/17/25 20:38		
13C3-PFHxS (S)	55	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		
13C4-PFBA (S)	58	%.	5-130		1	03/14/25 13:30	03/17/25 20:38		
13C4-PFHpA (S)	56	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		
13C5-PFHxA (S)	59	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		
13C5-PFPeA (S)	59	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		
13C6-PFDA (S)	59	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		
13C8-PFOA (S)	55	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		
13C8-PFOS (S)	54	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-TB1-TB-250305 **Lab ID: 10726385039** Collected: 03/05/25 15:45 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	32	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		S0
13C9-PFNA (S)	59	%.	40-130		1	03/14/25 13:30	03/17/25 20:38		
d3-MeFOSAA (S)	47	%.	40-170		1	03/14/25 13:30	03/17/25 20:38		
d3-NMeFOSA (S)	29	%.	10-130		1	03/14/25 13:30	03/17/25 20:38		
d5-EtFOSAA (S)	45	%.	25-135		1	03/14/25 13:30	03/17/25 20:38		
d5-NEtFOSA (S)	29	%.	10-130		1	03/14/25 13:30	03/17/25 20:38		
d7-NMeFOSE (S)	27	%.	10-130		1	03/14/25 13:30	03/17/25 20:38		
d9-NEtFOSE (S)	25	%.	10-130		1	03/14/25 13:30	03/17/25 20:38		
13C2-PFTA (S)	53	%.	10-130		1	03/14/25 13:30	03/17/25 20:38		
13C7-PFUdA (S)	60	%.	30-130		1	03/14/25 13:30	03/17/25 20:38		
13C24:2FTS (S)	88	%.	40-200		1	03/14/25 13:30	03/17/25 20:38		
13C26:2FTS (S)	88	%.	40-200		1	03/14/25 13:30	03/17/25 20:38		
13C28:2FTS (S)	104	%.	40-300		1	03/14/25 13:30	03/17/25 20:38		
13C3-PFPrA (S)	68	%.	5-130		1	03/14/25 13:30	03/17/25 20:38		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-FB1-FB-250304 **Lab ID: 10726385040** Collected: 03/04/25 09:50 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0019**	ug/L	0.0062	0.0019	1	03/14/25 13:30	03/17/25 22:13	763051-92-9	
4:2 FTS	**<0.0016**	ug/L	0.0062	0.0016	1	03/14/25 13:30	03/17/25 22:13	757124-72-4	
6:2 FTS	**<0.0018**	ug/L	0.0062	0.0018	1	03/14/25 13:30	03/17/25 22:13	27619-97-2	
8:2 FTS	**<0.0016**	ug/L	0.0062	0.0016	1	03/14/25 13:30	03/17/25 22:13	39108-34-4	
9Cl-PF3ONS	**<0.0016**	ug/L	0.0062	0.0016	1	03/14/25 13:30	03/17/25 22:13	756426-58-1	
ADONA	**<0.0018**	ug/L	0.0062	0.0018	1	03/14/25 13:30	03/17/25 22:13	919005-14-4	
HFPO-DA	**<0.0017**	ug/L	0.0062	0.0017	1	03/14/25 13:30	03/17/25 22:13	13252-13-6	
NEtFOSAA	**<0.00064**	ug/L	0.0016	0.00064	1	03/14/25 13:30	03/17/25 22:13	2991-50-6	
NEtFOSA	**<0.00049**	ug/L	0.0016	0.00049	1	03/14/25 13:30	03/17/25 22:13	4151-50-2	
NEtFOSE	**<0.0040**	ug/L	0.016	0.0040	1	03/14/25 13:30	03/17/25 22:13	1691-99-2	
NMeFOSAA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 22:13	2355-31-9	
NMeFOSA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 22:13	31506-32-8	
NMeFOSE	**<0.0040**	ug/L	0.016	0.0040	1	03/14/25 13:30	03/17/25 22:13	24448-09-7	
PFBS	**<0.00041**	ug/L	0.0016	0.00041	1	03/14/25 13:30	03/17/25 22:13	375-73-5	
PFDA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 13:30	03/17/25 22:13	335-76-2	
PFHxA	**<0.00037**	ug/L	0.0016	0.00037	1	03/14/25 13:30	03/17/25 22:13	307-24-4	
PFBA	**0.0035J**	ug/L	0.0062	0.0015	1	03/14/25 13:30	03/17/25 22:13	375-22-4	
PFDS	**<0.00067**	ug/L	0.0016	0.00067	1	03/14/25 13:30	03/17/25 22:13	335-77-3	
PFDoS	**<0.00033**	ug/L	0.0016	0.00033	1	03/14/25 13:30	03/17/25 22:13	79780-39-5	
PFHpS	**<0.00045**	ug/L	0.0016	0.00045	1	03/14/25 13:30	03/17/25 22:13	375-92-8	
PFNS	**<0.00046**	ug/L	0.0016	0.00046	1	03/14/25 13:30	03/17/25 22:13	68259-12-1	
PFOSA	**<0.00047**	ug/L	0.0016	0.00047	1	03/14/25 13:30	03/17/25 22:13	754-91-6	
PFPeA	**<0.00092**	ug/L	0.0031	0.00092	1	03/14/25 13:30	03/17/25 22:13	2706-90-3	
PFPeS	**<0.00037**	ug/L	0.0016	0.00037	1	03/14/25 13:30	03/17/25 22:13	2706-91-4	
PFDoA	**<0.00047**	ug/L	0.0016	0.00047	1	03/14/25 13:30	03/17/25 22:13	307-55-1	
PFHpA	**<0.00060**	ug/L	0.0016	0.00060	1	03/14/25 13:30	03/17/25 22:13	375-85-9	
PFHxS	**<0.00040**	ug/L	0.0016	0.00040	1	03/14/25 13:30	03/17/25 22:13	355-46-4	
PFNA	**<0.00051**	ug/L	0.0016	0.00051	1	03/14/25 13:30	03/17/25 22:13	375-95-1	
PFOS	**<0.00038**	ug/L	0.0016	0.00038	1	03/14/25 13:30	03/17/25 22:13	1763-23-1	
PFOA	**<0.00047**	ug/L	0.0016	0.00047	1	03/14/25 13:30	03/17/25 22:13	335-67-1	
PFTeDA	**<0.00040**	ug/L	0.0016	0.00040	1	03/14/25 13:30	03/17/25 22:13	376-06-7	
PFTrDA	**<0.00044**	ug/L	0.0016	0.00044	1	03/14/25 13:30	03/17/25 22:13	72629-94-8	
PFUnA	**<0.00034**	ug/L	0.0016	0.00034	1	03/14/25 13:30	03/17/25 22:13	2058-94-8	
Surrogates									
13C2-PFDoA (S)	42	%.	10-130		1	03/14/25 13:30	03/17/25 22:13		1M
13C3HFPO-DA (S)	30	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0
13C3-PFBS (S)	32	%.	40-135		1	03/14/25 13:30	03/17/25 22:13		S0
13C3-PFHxS (S)	33	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0
13C4-PFBA (S)	36	%.	5-130		1	03/14/25 13:30	03/17/25 22:13		
13C4-PFHpA (S)	33	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0
13C5-PFHxA (S)	34	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0
13C5-PFPeA (S)	33	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0
13C6-PFDA (S)	34	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0
13C8-PFOA (S)	36	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0
13C8-PFOS (S)	35	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0

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(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-FB1-FB-250304 **Lab ID: 10726385040** Collected: 03/04/25 09:50 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	21	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0
13C9-PFNA (S)	33	%.	40-130		1	03/14/25 13:30	03/17/25 22:13		S0
d3-MeFOSAA (S)	28	%.	40-170		1	03/14/25 13:30	03/17/25 22:13		S0
d3-NMeFOSA (S)	20	%.	10-130		1	03/14/25 13:30	03/17/25 22:13		
d5-EtFOSAA (S)	29	%.	25-135		1	03/14/25 13:30	03/17/25 22:13		
d5-NEtFOSA (S)	20	%.	10-130		1	03/14/25 13:30	03/17/25 22:13		
d7-NMeFOSE (S)	18	%.	10-130		1	03/14/25 13:30	03/17/25 22:13		
d9-NEtFOSE (S)	18	%.	10-130		1	03/14/25 13:30	03/17/25 22:13		
13C2-PFTA (S)	46	%.	10-130		1	03/14/25 13:30	03/17/25 22:13		
13C7-PFUdA (S)	39	%.	30-130		1	03/14/25 13:30	03/17/25 22:13		
13C24:2FTS (S)	62	%.	40-200		1	03/14/25 13:30	03/17/25 22:13		
13C26:2FTS (S)	76	%.	40-200		1	03/14/25 13:30	03/17/25 22:13		
13C28:2FTS (S)	73	%.	40-300		1	03/14/25 13:30	03/17/25 22:13		
13C3-PFPrA (S)	44	%.	5-130		1	03/14/25 13:30	03/17/25 22:13		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-FB2-FB-250305 **Lab ID: 10726385041** Collected: 03/05/25 15:30 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0019**	ug/L	0.0063	0.0019	1	03/14/25 08:55	03/14/25 16:00	763051-92-9	
4:2 FTS	**<0.0016**	ug/L	0.0063	0.0016	1	03/14/25 08:55	03/14/25 16:00	757124-72-4	
6:2 FTS	**<0.0018**	ug/L	0.0063	0.0018	1	03/14/25 08:55	03/14/25 16:00	27619-97-2	
8:2 FTS	**<0.0016**	ug/L	0.0063	0.0016	1	03/14/25 08:55	03/14/25 16:00	39108-34-4	
9Cl-PF3ONS	**<0.0017**	ug/L	0.0063	0.0017	1	03/14/25 08:55	03/14/25 16:00	756426-58-1	
ADONA	**<0.0018**	ug/L	0.0063	0.0018	1	03/14/25 08:55	03/14/25 16:00	919005-14-4	
HFPO-DA	**<0.0018**	ug/L	0.0063	0.0018	1	03/14/25 08:55	03/14/25 16:00	13252-13-6	
NEtFOSAA	**<0.00065**	ug/L	0.0016	0.00065	1	03/14/25 08:55	03/14/25 16:00	2991-50-6	
NEtFOSA	**<0.00050**	ug/L	0.0016	0.00050	1	03/14/25 08:55	03/14/25 16:00	4151-50-2	
NEtFOSE	**<0.0040**	ug/L	0.016	0.0040	1	03/14/25 08:55	03/14/25 16:00	1691-99-2	
NMeFOSAA	**<0.00049**	ug/L	0.0016	0.00049	1	03/14/25 08:55	03/14/25 16:00	2355-31-9	
NMeFOSA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 08:55	03/14/25 16:00	31506-32-8	
NMeFOSE	**<0.0040**	ug/L	0.016	0.0040	1	03/14/25 08:55	03/14/25 16:00	24448-09-7	
PFBS	**<0.00041**	ug/L	0.0016	0.00041	1	03/14/25 08:55	03/14/25 16:00	375-73-5	
PFDA	**<0.00049**	ug/L	0.0016	0.00049	1	03/14/25 08:55	03/14/25 16:00	335-76-2	
PFHxA	**<0.00038**	ug/L	0.0016	0.00038	1	03/14/25 08:55	03/14/25 16:00	307-24-4	
PFBA	**<0.0015**	ug/L	0.0063	0.0015	1	03/14/25 08:55	03/14/25 16:00	375-22-4	
PFDS	**<0.00067**	ug/L	0.0016	0.00067	1	03/14/25 08:55	03/14/25 16:00	335-77-3	
PFDoS	**<0.00034**	ug/L	0.0016	0.00034	1	03/14/25 08:55	03/14/25 16:00	79780-39-5	
PFHpS	**<0.00046**	ug/L	0.0016	0.00046	1	03/14/25 08:55	03/14/25 16:00	375-92-8	
PFNS	**<0.00046**	ug/L	0.0016	0.00046	1	03/14/25 08:55	03/14/25 16:00	68259-12-1	
PFOSA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 08:55	03/14/25 16:00	754-91-6	
PFPeA	**<0.00093**	ug/L	0.0031	0.00093	1	03/14/25 08:55	03/14/25 16:00	2706-90-3	
PFPeS	**<0.00037**	ug/L	0.0016	0.00037	1	03/14/25 08:55	03/14/25 16:00	2706-91-4	
PFDoA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 08:55	03/14/25 16:00	307-55-1	
PFHpA	**<0.00060**	ug/L	0.0016	0.00060	1	03/14/25 08:55	03/14/25 16:00	375-85-9	
PFHxS	**<0.00040**	ug/L	0.0016	0.00040	1	03/14/25 08:55	03/14/25 16:00	355-46-4	
PFNA	**<0.00051**	ug/L	0.0016	0.00051	1	03/14/25 08:55	03/14/25 16:00	375-95-1	
PFOS	**<0.00038**	ug/L	0.0016	0.00038	1	03/14/25 08:55	03/14/25 16:00	1763-23-1	
PFOA	**<0.00048**	ug/L	0.0016	0.00048	1	03/14/25 08:55	03/14/25 16:00	335-67-1	
PFTeDA	**<0.00041**	ug/L	0.0016	0.00041	1	03/14/25 08:55	03/14/25 16:00	376-06-7	
PFTrDA	**<0.00044**	ug/L	0.0016	0.00044	1	03/14/25 08:55	03/14/25 16:00	72629-94-8	
PFUnA	**<0.00035**	ug/L	0.0016	0.00035	1	03/14/25 08:55	03/14/25 16:00	2058-94-8	
Surrogates									
13C2-PFDoA (S)	65	%.	10-130		1	03/14/25 08:55	03/14/25 16:00		
13C3HFPO-DA (S)	74	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		
13C3-PFBS (S)	76	%.	40-135		1	03/14/25 08:55	03/14/25 16:00		
13C3-PFHxS (S)	78	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		
13C4-PFBA (S)	78	%.	5-130		1	03/14/25 08:55	03/14/25 16:00		
13C4-PFHpA (S)	73	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		
13C5-PFHxA (S)	76	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		
13C5-PFPeA (S)	77	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		
13C6-PFDA (S)	71	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		
13C8-PFOA (S)	84	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		
13C8-PFOS (S)	75	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-FB2-FB-250305 **Lab ID: 10726385041** Collected: 03/05/25 15:30 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	42	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		
13C9-PFNA (S)	81	%.	40-130		1	03/14/25 08:55	03/14/25 16:00		
d3-MeFOSAA (S)	66	%.	40-170		1	03/14/25 08:55	03/14/25 16:00		
d3-NMeFOSA (S)	34	%.	10-130		1	03/14/25 08:55	03/14/25 16:00		
d5-EtFOSAA (S)	64	%.	25-135		1	03/14/25 08:55	03/14/25 16:00		
d5-NEtFOSA (S)	33	%.	10-130		1	03/14/25 08:55	03/14/25 16:00		
d7-NMeFOSE (S)	35	%.	10-130		1	03/14/25 08:55	03/14/25 16:00		
d9-NEtFOSE (S)	32	%.	10-130		1	03/14/25 08:55	03/14/25 16:00		
13C2-PFTA (S)	65	%.	10-130		1	03/14/25 08:55	03/14/25 16:00		
13C7-PFUdA (S)	74	%.	30-130		1	03/14/25 08:55	03/14/25 16:00		
13C24:2FTS (S)	159	%.	40-200		1	03/14/25 08:55	03/14/25 16:00		
13C26:2FTS (S)	186	%.	40-200		1	03/14/25 08:55	03/14/25 16:00		
13C28:2FTS (S)	192	%.	40-300		1	03/14/25 08:55	03/14/25 16:00		
13C3-PFPrA (S)	69	%.	5-130		1	03/14/25 08:55	03/14/25 16:00		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-FB3-FB-250306 **Lab ID: 10726385042** Collected: 03/06/25 10:40 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0022**	ug/L	0.0073	0.0022	1	03/14/25 08:55	03/14/25 16:09	763051-92-9	
4:2 FTS	**<0.0018**	ug/L	0.0073	0.0018	1	03/14/25 08:55	03/14/25 16:09	757124-72-4	
6:2 FTS	**<0.0021**	ug/L	0.0073	0.0021	1	03/14/25 08:55	03/14/25 16:09	27619-97-2	
8:2 FTS	**<0.0019**	ug/L	0.0073	0.0019	1	03/14/25 08:55	03/14/25 16:09	39108-34-4	
9Cl-PF3ONS	**<0.0019**	ug/L	0.0073	0.0019	1	03/14/25 08:55	03/14/25 16:09	756426-58-1	
ADONA	**<0.0021**	ug/L	0.0073	0.0021	1	03/14/25 08:55	03/14/25 16:09	919005-14-4	
HFPO-DA	**<0.0020**	ug/L	0.0073	0.0020	1	03/14/25 08:55	03/14/25 16:09	13252-13-6	
NEtFOSAA	**<0.00076**	ug/L	0.0018	0.00076	1	03/14/25 08:55	03/14/25 16:09	2991-50-6	
NEtFOSA	**<0.00058**	ug/L	0.0018	0.00058	1	03/14/25 08:55	03/14/25 16:09	4151-50-2	
NEtFOSE	**<0.0047**	ug/L	0.018	0.0047	1	03/14/25 08:55	03/14/25 16:09	1691-99-2	
NMeFOSAA	**<0.00057**	ug/L	0.0018	0.00057	1	03/14/25 08:55	03/14/25 16:09	2355-31-9	
NMeFOSA	**<0.00056**	ug/L	0.0018	0.00056	1	03/14/25 08:55	03/14/25 16:09	31506-32-8	
NMeFOSE	**<0.0047**	ug/L	0.018	0.0047	1	03/14/25 08:55	03/14/25 16:09	24448-09-7	
PFBS	**<0.00048**	ug/L	0.0018	0.00048	1	03/14/25 08:55	03/14/25 16:09	375-73-5	
PFDA	**<0.00057**	ug/L	0.0018	0.00057	1	03/14/25 08:55	03/14/25 16:09	335-76-2	
PFHxA	**<0.00044**	ug/L	0.0018	0.00044	1	03/14/25 08:55	03/14/25 16:09	307-24-4	
PFBA	**<0.0018**	ug/L	0.0073	0.0018	1	03/14/25 08:55	03/14/25 16:09	375-22-4	
PFDS	**<0.00079**	ug/L	0.0018	0.00079	1	03/14/25 08:55	03/14/25 16:09	335-77-3	
PFDoS	**<0.00039**	ug/L	0.0018	0.00039	1	03/14/25 08:55	03/14/25 16:09	79780-39-5	
PFHpS	**<0.00053**	ug/L	0.0018	0.00053	1	03/14/25 08:55	03/14/25 16:09	375-92-8	
PFNS	**<0.00054**	ug/L	0.0018	0.00054	1	03/14/25 08:55	03/14/25 16:09	68259-12-1	
PFOSA	**<0.00056**	ug/L	0.0018	0.00056	1	03/14/25 08:55	03/14/25 16:09	754-91-6	
PFPeA	**<0.0011**	ug/L	0.0037	0.0011	1	03/14/25 08:55	03/14/25 16:09	2706-90-3	
PFPeS	**<0.00043**	ug/L	0.0018	0.00043	1	03/14/25 08:55	03/14/25 16:09	2706-91-4	
PFDoA	**<0.00056**	ug/L	0.0018	0.00056	1	03/14/25 08:55	03/14/25 16:09	307-55-1	
PFHpA	**<0.00070**	ug/L	0.0018	0.00070	1	03/14/25 08:55	03/14/25 16:09	375-85-9	
PFHxS	**<0.00047**	ug/L	0.0018	0.00047	1	03/14/25 08:55	03/14/25 16:09	355-46-4	
PFNA	**<0.00060**	ug/L	0.0018	0.00060	1	03/14/25 08:55	03/14/25 16:09	375-95-1	
PFOS	**<0.00045**	ug/L	0.0018	0.00045	1	03/14/25 08:55	03/14/25 16:09	1763-23-1	
PFOA	**<0.00056**	ug/L	0.0018	0.00056	1	03/14/25 08:55	03/14/25 16:09	335-67-1	
PFTeDA	**<0.00047**	ug/L	0.0018	0.00047	1	03/14/25 08:55	03/14/25 16:09	376-06-7	
PFTrDA	**<0.00052**	ug/L	0.0018	0.00052	1	03/14/25 08:55	03/14/25 16:09	72629-94-8	
PFUnA	**<0.00041**	ug/L	0.0018	0.00041	1	03/14/25 08:55	03/14/25 16:09	2058-94-8	
Surrogates									
13C2-PFDoA (S)	70	%.	10-130		1	03/14/25 08:55	03/14/25 16:09		1M
13C3HFPO-DA (S)	85	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		
13C3-PFBS (S)	86	%.	40-135		1	03/14/25 08:55	03/14/25 16:09		
13C3-PFHxS (S)	86	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		
13C4-PFBA (S)	87	%.	5-130		1	03/14/25 08:55	03/14/25 16:09		
13C4-PFHpA (S)	82	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		
13C5-PFHxA (S)	86	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		
13C5-PFPeA (S)	86	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		
13C6-PFDA (S)	78	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		
13C8-PFOA (S)	89	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		
13C8-PFOS (S)	73	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-FB3-FB-250306 **Lab ID: 10726385042** Collected: 03/06/25 10:40 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	41	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		
13C9-PFNA (S)	82	%.	40-130		1	03/14/25 08:55	03/14/25 16:09		
d3-MeFOSAA (S)	64	%.	40-170		1	03/14/25 08:55	03/14/25 16:09		
d3-NMeFOSA (S)	36	%.	10-130		1	03/14/25 08:55	03/14/25 16:09		
d5-EtFOSAA (S)	63	%.	25-135		1	03/14/25 08:55	03/14/25 16:09		
d5-NEtFOSA (S)	36	%.	10-130		1	03/14/25 08:55	03/14/25 16:09		
d7-NMeFOSE (S)	37	%.	10-130		1	03/14/25 08:55	03/14/25 16:09		
d9-NEtFOSE (S)	35	%.	10-130		1	03/14/25 08:55	03/14/25 16:09		
13C2-PFTA (S)	68	%.	10-130		1	03/14/25 08:55	03/14/25 16:09		
13C7-PFUdA (S)	75	%.	30-130		1	03/14/25 08:55	03/14/25 16:09		
13C24:2FTS (S)	182	%.	40-200		1	03/14/25 08:55	03/14/25 16:09		
13C26:2FTS (S)	201	%.	40-200		1	03/14/25 08:55	03/14/25 16:09		S3
13C28:2FTS (S)	195	%.	40-300		1	03/14/25 08:55	03/14/25 16:09		
13C3-PFPrA (S)	88	%.	5-130		1	03/14/25 08:55	03/14/25 16:09		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-EB1-EB-250307 **Lab ID: 10726385043** Collected: 03/07/25 10:35 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633 Pace Analytical Services - Minneapolis								
11Cl-PF3OUdS	**<0.0018**	ug/L	0.0061	0.0018	1	03/14/25 08:55	03/14/25 16:19	763051-92-9	
4:2 FTS	**<0.0015**	ug/L	0.0061	0.0015	1	03/14/25 08:55	03/14/25 16:19	757124-72-4	
6:2 FTS	**<0.0018**	ug/L	0.0061	0.0018	1	03/14/25 08:55	03/14/25 16:19	27619-97-2	
8:2 FTS	**<0.0016**	ug/L	0.0061	0.0016	1	03/14/25 08:55	03/14/25 16:19	39108-34-4	
9Cl-PF3ONS	**<0.0016**	ug/L	0.0061	0.0016	1	03/14/25 08:55	03/14/25 16:19	756426-58-1	
ADONA	**<0.0018**	ug/L	0.0061	0.0018	1	03/14/25 08:55	03/14/25 16:19	919005-14-4	
HFPO-DA	**<0.0017**	ug/L	0.0061	0.0017	1	03/14/25 08:55	03/14/25 16:19	13252-13-6	
NEtFOSAA	**<0.00063**	ug/L	0.0015	0.00063	1	03/14/25 08:55	03/14/25 16:19	2991-50-6	
NEtFOSA	**<0.00048**	ug/L	0.0015	0.00048	1	03/14/25 08:55	03/14/25 16:19	4151-50-2	
NEtFOSE	**<0.0039**	ug/L	0.015	0.0039	1	03/14/25 08:55	03/14/25 16:19	1691-99-2	
NMeFOSAA	**<0.00048**	ug/L	0.0015	0.00048	1	03/14/25 08:55	03/14/25 16:19	2355-31-9	
NMeFOSA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 08:55	03/14/25 16:19	31506-32-8	
NMeFOSE	**<0.0039**	ug/L	0.015	0.0039	1	03/14/25 08:55	03/14/25 16:19	24448-09-7	
PFBS	**<0.00040**	ug/L	0.0015	0.00040	1	03/14/25 08:55	03/14/25 16:19	375-73-5	
PFDA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 08:55	03/14/25 16:19	335-76-2	
PFHxA	**<0.00037**	ug/L	0.0015	0.00037	1	03/14/25 08:55	03/14/25 16:19	307-24-4	
PFBA	**<0.0015**	ug/L	0.0061	0.0015	1	03/14/25 08:55	03/14/25 16:19	375-22-4	
PFDS	**<0.00066**	ug/L	0.0015	0.00066	1	03/14/25 08:55	03/14/25 16:19	335-77-3	
PFDoS	**<0.00033**	ug/L	0.0015	0.00033	1	03/14/25 08:55	03/14/25 16:19	79780-39-5	
PFHpS	**<0.00044**	ug/L	0.0015	0.00044	1	03/14/25 08:55	03/14/25 16:19	375-92-8	
PFNS	**<0.00045**	ug/L	0.0015	0.00045	1	03/14/25 08:55	03/14/25 16:19	68259-12-1	
PFOSA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 08:55	03/14/25 16:19	754-91-6	
PFPeA	**<0.00091**	ug/L	0.0031	0.00091	1	03/14/25 08:55	03/14/25 16:19	2706-90-3	
PFPeS	**<0.00036**	ug/L	0.0015	0.00036	1	03/14/25 08:55	03/14/25 16:19	2706-91-4	
PFDoA	**<0.00047**	ug/L	0.0015	0.00047	1	03/14/25 08:55	03/14/25 16:19	307-55-1	
PFHpA	**<0.00059**	ug/L	0.0015	0.00059	1	03/14/25 08:55	03/14/25 16:19	375-85-9	
PFHxS	**<0.00039**	ug/L	0.0015	0.00039	1	03/14/25 08:55	03/14/25 16:19	355-46-4	
PFNA	**<0.00050**	ug/L	0.0015	0.00050	1	03/14/25 08:55	03/14/25 16:19	375-95-1	
PFOS	**<0.00037**	ug/L	0.0015	0.00037	1	03/14/25 08:55	03/14/25 16:19	1763-23-1	
PFOA	**<0.00046**	ug/L	0.0015	0.00046	1	03/14/25 08:55	03/14/25 16:19	335-67-1	
PFTeDA	**<0.00039**	ug/L	0.0015	0.00039	1	03/14/25 08:55	03/14/25 16:19	376-06-7	
PFTrDA	**<0.00043**	ug/L	0.0015	0.00043	1	03/14/25 08:55	03/14/25 16:19	72629-94-8	
PFUnA	**<0.00034**	ug/L	0.0015	0.00034	1	03/14/25 08:55	03/14/25 16:19	2058-94-8	
Surrogates									
13C2-PFDoA (S)	83	%.	10-130		1	03/14/25 08:55	03/14/25 16:19		
13C3HFPO-DA (S)	84	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		
13C3-PFBS (S)	87	%.	40-135		1	03/14/25 08:55	03/14/25 16:19		
13C3-PFHxS (S)	84	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		
13C4-PFBA (S)	89	%.	5-130		1	03/14/25 08:55	03/14/25 16:19		
13C4-PFHpA (S)	84	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		
13C5-PFHxA (S)	88	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		
13C5-PFPeA (S)	87	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		
13C6-PFDA (S)	87	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		
13C8-PFOA (S)	92	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		
13C8-PFOS (S)	88	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		

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ANALYTICAL RESULTS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Sample: MEWI-W-EB1-EB-250307 **Lab ID: 10726385043** Collected: 03/07/25 10:35 Received: 03/07/25 13:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
EPA 1633F Water	Analytical Method: EPA 1633 Preparation Method: EPA 1633								
	Pace Analytical Services - Minneapolis								
Surrogates									
13C8-PFOSA (S)	48	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		
13C9-PFNA (S)	87	%.	40-130		1	03/14/25 08:55	03/14/25 16:19		
d3-MeFOSAA (S)	78	%.	40-170		1	03/14/25 08:55	03/14/25 16:19		
d3-NMeFOSA (S)	39	%.	10-130		1	03/14/25 08:55	03/14/25 16:19		
d5-EtFOSAA (S)	72	%.	25-135		1	03/14/25 08:55	03/14/25 16:19		
d5-NEtFOSA (S)	36	%.	10-130		1	03/14/25 08:55	03/14/25 16:19		
d7-NMeFOSE (S)	39	%.	10-130		1	03/14/25 08:55	03/14/25 16:19		
d9-NEtFOSE (S)	37	%.	10-130		1	03/14/25 08:55	03/14/25 16:19		
13C2-PFTA (S)	79	%.	10-130		1	03/14/25 08:55	03/14/25 16:19		
13C7-PFUdA (S)	87	%.	30-130		1	03/14/25 08:55	03/14/25 16:19		
13C24:2FTS (S)	186	%.	40-200		1	03/14/25 08:55	03/14/25 16:19		
13C26:2FTS (S)	199	%.	40-200		1	03/14/25 08:55	03/14/25 16:19		
13C28:2FTS (S)	229	%.	40-300		1	03/14/25 08:55	03/14/25 16:19		
13C3-PFPrA (S)	92	%.	5-130		1	03/14/25 08:55	03/14/25 16:19		

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

QC Batch: 995916
QC Batch Method: EPA 1633
Analysis Method: EPA 1633
Analysis Description: EPA 1633F Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10726385001, 10726385002, 10726385003, 10726385004, 10726385005, 10726385006, 10726385007, 10726385008, 10726385009, 10726385010, 10726385011, 10726385012, 10726385013, 10726385014, 10726385015, 10726385016, 10726385017, 10726385018, 10726385019, 10726385020

METHOD BLANK: 5196291
Matrix: Water
Associated Lab Samples: 10726385001, 10726385002, 10726385003, 10726385004, 10726385005, 10726385006, 10726385007, 10726385008, 10726385009, 10726385010, 10726385011, 10726385012, 10726385013, 10726385014, 10726385015, 10726385016, 10726385017, 10726385018, 10726385019, 10726385020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
11Cl-PF3OUdS	ug/L	<0.0019	0.0062	03/13/25 18:19	
4:2 FTS	ug/L	<0.0015	0.0062	03/13/25 18:19	
6:2 FTS	ug/L	<0.0018	0.0062	03/13/25 18:19	
8:2 FTS	ug/L	<0.0016	0.0062	03/13/25 18:19	
9Cl-PF3ONS	ug/L	<0.0016	0.0062	03/13/25 18:19	
ADONA	ug/L	<0.0018	0.0062	03/13/25 18:19	
HFPO-DA	ug/L	<0.0017	0.0062	03/13/25 18:19	
NEtFOSA	ug/L	<0.00049	0.0015	03/13/25 18:19	
NEtFOSAA	ug/L	<0.00064	0.0015	03/13/25 18:19	
NEtFOSE	ug/L	<0.0040	0.015	03/13/25 18:19	
NMeFOSA	ug/L	<0.00048	0.0015	03/13/25 18:19	
NMeFOSAA	ug/L	<0.00048	0.0015	03/13/25 18:19	
NMeFOSE	ug/L	<0.0040	0.015	03/13/25 18:19	
PFBA	ug/L	<0.0015	0.0062	03/13/25 18:19	
PFBS	ug/L	<0.00040	0.0015	03/13/25 18:19	
PFDA	ug/L	<0.00048	0.0015	03/13/25 18:19	
PFDoA	ug/L	<0.00047	0.0015	03/13/25 18:19	
PFDoS	ug/L	<0.00033	0.0015	03/13/25 18:19	
PFDS	ug/L	<0.00066	0.0015	03/13/25 18:19	
PFHpA	ug/L	<0.00059	0.0015	03/13/25 18:19	
PFHpS	ug/L	<0.00045	0.0015	03/13/25 18:19	
PFHxA	ug/L	<0.00037	0.0015	03/13/25 18:19	
PFHxS	ug/L	<0.00040	0.0015	03/13/25 18:19	
PFNA	ug/L	<0.00050	0.0015	03/13/25 18:19	
PFNS	ug/L	<0.00045	0.0015	03/13/25 18:19	
PFOA	ug/L	<0.00047	0.0015	03/13/25 18:19	
PFOS	ug/L	<0.00038	0.0015	03/13/25 18:19	
PFOSA	ug/L	<0.00047	0.0015	03/13/25 18:19	
PFPeA	ug/L	<0.00092	0.0031	03/13/25 18:19	
PFPeS	ug/L	<0.00037	0.0015	03/13/25 18:19	
PFTeDA	ug/L	<0.00040	0.0015	03/13/25 18:19	
PFTrDA	ug/L	<0.00044	0.0015	03/13/25 18:19	
PFUnA	ug/L	<0.00034	0.0015	03/13/25 18:19	
13C2-PFDoA (S)	%.	71	10-130	03/13/25 18:19	
13C2-PFTA (S)	%.	71	10-130	03/13/25 18:19	
13C24:2FTS (S)	%.	147	40-200	03/13/25 18:19	
13C26:2FTS (S)	%.	189	40-200	03/13/25 18:19	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

METHOD BLANK: 5196291 Matrix: Water

Associated Lab Samples: 10726385001, 10726385002, 10726385003, 10726385004, 10726385005, 10726385006, 10726385007, 10726385008, 10726385009, 10726385010, 10726385011, 10726385012, 10726385013, 10726385014, 10726385015, 10726385016, 10726385017, 10726385018, 10726385019, 10726385020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
13C28:2FTS (S)	%.	204	40-300	03/13/25 18:19	
13C3-PFBS (S)	%.	69	40-135	03/13/25 18:19	
13C3-PFHxS (S)	%.	72	40-130	03/13/25 18:19	
13C3-PFPrA (S)	%.	78	5-130	03/13/25 18:19	
13C3HFPO-DA (S)	%.	71	40-130	03/13/25 18:19	
13C4-PFBA (S)	%.	76	5-130	03/13/25 18:19	
13C4-PFHpA (S)	%.	72	40-130	03/13/25 18:19	
13C5-PFHxA (S)	%.	74	40-130	03/13/25 18:19	
13C5-PFPeA (S)	%.	74	40-130	03/13/25 18:19	
13C6-PFDA (S)	%.	77	40-130	03/13/25 18:19	
13C7-PFUdA (S)	%.	75	30-130	03/13/25 18:19	
13C8-PFOA (S)	%.	77	40-130	03/13/25 18:19	
13C8-PFOS (S)	%.	70	40-130	03/13/25 18:19	
13C8-PFOSA (S)	%.	41	40-130	03/13/25 18:19	
13C9-PFNA (S)	%.	76	40-130	03/13/25 18:19	
d3-MeFOSAA (S)	%.	70	40-170	03/13/25 18:19	
d3-NMeFOSA (S)	%.	35	10-130	03/13/25 18:19	
d5-EtFOSAA (S)	%.	70	25-135	03/13/25 18:19	
d5-NEtFOSA (S)	%.	36	10-130	03/13/25 18:19	
d7-NMeFOSE (S)	%.	33	10-130	03/13/25 18:19	
d9-NEtFOSE (S)	%.	32	10-130	03/13/25 18:19	

LABORATORY CONTROL SAMPLE: 5196292

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ug/L	0.072	0.081	112	55-160	
4:2 FTS	ug/L	0.072	0.072	100	70-145	
6:2 FTS	ug/L	0.073	0.076	104	65-155	
8:2 FTS	ug/L	0.073	0.076	103	60-150	
9Cl-PF3ONS	ug/L	0.072	0.073	102	70-155	
ADONA	ug/L	0.072	0.071	99	65-145	
HFPO-DA	ug/L	0.076	0.070	92	70-140	
NEtFOSA	ug/L	0.018	0.018	100	65-145	
NEtFOSAA	ug/L	0.018	0.018	97	70-145	
NEtFOSE	ug/L	0.18	0.18	100	70-135	
NMeFOSA	ug/L	0.018	0.019	104	60-150	
NMeFOSAA	ug/L	0.018	0.017	92	50-140	
NMeFOSE	ug/L	0.18	0.18	99	70-145	
PFBA	ug/L	0.076	0.070	91	70-140	
PFBS	ug/L	0.017	0.016	97	60-145	
PFDA	ug/L	0.018	0.018	98	70-140	
PFDoA	ug/L	0.018	0.019	104	70-140	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5196292

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PFDoS	ug/L	0.018	0.020	111	50-145	
PFDS	ug/L	0.018	0.021	115	60-145	
PFHpA	ug/L	0.018	0.018	98	70-150	
PFHpS	ug/L	0.018	0.017	91	70-150	
PFHxA	ug/L	0.018	0.017	93	70-145	
PFHxS	ug/L	0.017	0.016	93	65-145	
PFNA	ug/L	0.018	0.018	97	70-150	
PFNS	ug/L	0.018	0.018	101	65-145	
PFOA	ug/L	0.018	0.017	95	70-150	
PFOS	ug/L	0.018	0.017	90	55-150	
PFOSA	ug/L	0.018	0.019	102	70-145	
PFPeA	ug/L	0.038	0.037	97	65-135	
PFPeS	ug/L	0.018	0.017	90	65-140	
PFTeDA	ug/L	0.018	0.019	103	60-140	
PFTrDA	ug/L	0.018	0.020	107	65-140	
PFUnA	ug/L	0.018	0.018	100	70-145	
13C2-PFDoA (S)	%.			71	10-130	
13C2-PFTA (S)	%.			73	10-130	
13C24:2FTS (S)	%.			129	40-200	
13C26:2FTS (S)	%.			159	40-200	
13C28:2FTS (S)	%.			182	40-300	
13C3-PFBS (S)	%.			63	40-135	
13C3-PFHxS (S)	%.			63	40-130	
13C3-PFPrA (S)	%.			75	5-130	
13C3HFPO-DA (S)	%.			67	40-130	
13C4-PFBA (S)	%.			71	5-130	
13C4-PFHpA (S)	%.			65	40-130	
13C5-PFHxA (S)	%.			68	40-130	
13C5-PFPeA (S)	%.			67	40-130	
13C6-PFDA (S)	%.			68	40-130	
13C7-PFUdA (S)	%.			71	30-130	
13C8-PFOA (S)	%.			66	40-130	
13C8-PFOS (S)	%.			63	40-130	
13C8-PFOSA (S)	%.			37	40-130	S0
13C9-PFNA (S)	%.			62	40-130	
d3-MeFOSAA (S)	%.			63	40-170	
d3-NMeFOSA (S)	%.			29	10-130	
d5-EtFOSAA (S)	%.			64	25-135	
d5-NEtFOSA (S)	%.			30	10-130	
d7-NMeFOSE (S)	%.			32	10-130	
d9-NEtFOSE (S)	%.			30	10-130	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5196293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ug/L	0.012	0.010	87	55-160	
4:2 FTS	ug/L	0.012	0.011	94	70-145	
6:2 FTS	ug/L	0.012	0.012	99	65-155	
8:2 FTS	ug/L	0.012	0.012	98	60-150	
9Cl-PF3ONS	ug/L	0.012	0.011	92	70-155	
ADONA	ug/L	0.012	0.011	95	65-145	
HFPO-DA	ug/L	0.013	0.012	96	70-140	
NEtFOSA	ug/L	0.003	0.0030	98	65-145	
NEtFOSAA	ug/L	0.003	0.0027	89	70-145	
NEtFOSE	ug/L	0.03	0.029	97	70-135	
NMeFOSA	ug/L	0.003	0.0032	104	60-150	
NMeFOSAA	ug/L	0.003	0.0029	94	50-140	
NMeFOSE	ug/L	0.03	0.029	96	70-145	
PFBA	ug/L	0.013	0.011	88	70-140	
PFBS	ug/L	0.0028	0.0026	93	60-145	
PFDA	ug/L	0.003	0.0028	92	70-140	
PFDoA	ug/L	0.003	0.0030	97	70-140	
PFDoS	ug/L	0.003	0.0026	84	50-145	
PFDS	ug/L	0.003	0.0027	90	60-145	
PFHpA	ug/L	0.003	0.0030	98	70-150	
PFHpS	ug/L	0.003	0.0027	90	70-150	
PFHxA	ug/L	0.003	0.0028	92	70-145	
PFHxS	ug/L	0.0028	0.0028	101	65-145	
PFNA	ug/L	0.003	0.0028	92	70-150	
PFNS	ug/L	0.003	0.0028	92	65-145	
PFOA	ug/L	0.003	0.0026	86	70-150	
PFOS	ug/L	0.003	0.0027	90	55-150	
PFOSA	ug/L	0.003	0.0029	96	70-145	
PFPeA	ug/L	0.0063	0.0058	91	65-135	
PFPeS	ug/L	0.003	0.0029	95	65-140	
PFTeDA	ug/L	0.003	0.0030	99	60-140	
PFTrDA	ug/L	0.003	0.0029	95	65-140	
PFUnA	ug/L	0.003	0.0028	91	70-145	
13C2-PFDoA (S)	%.			88	10-130	
13C2-PFTA (S)	%.			86	10-130	
13C24:2FTS (S)	%.			186	40-200	
13C26:2FTS (S)	%.			237	40-200	S0
13C28:2FTS (S)	%.			254	40-300	
13C3-PFBS (S)	%.			89	40-135	
13C3-PFHxS (S)	%.			87	40-130	
13C3-PFPrA (S)	%.			105	5-130	
13C3HFPO-DA (S)	%.			89	40-130	
13C4-PFBA (S)	%.			93	5-130	
13C4-PFHpA (S)	%.			91	40-130	
13C5-PFHxA (S)	%.			95	40-130	
13C5-PFPeA (S)	%.			92	40-130	
13C6-PFDA (S)	%.			93	40-130	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5196293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
13C7-PFUdA (S)	%.			96	30-130	
13C8-PFOA (S)	%.			95	40-130	
13C8-PFOS (S)	%.			93	40-130	
13C8-PFOSA (S)	%.			52	40-130	
13C9-PFNA (S)	%.			92	40-130	
d3-MeFOSAA (S)	%.			87	40-170	
d3-NMeFOSA (S)	%.			45	10-130	
d5-EtFOSAA (S)	%.			86	25-135	
d5-NEtFOSA (S)	%.			44	10-130	
d7-NMeFOSE (S)	%.			42	10-130	
d9-NEtFOSE (S)	%.			40	10-130	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

QC Batch: 996164
QC Batch Method: EPA 1633
Analysis Method: EPA 1633
Analysis Description: EPA 1633F Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10726385041, 10726385042, 10726385043

METHOD BLANK: 5197823 Matrix: Water
Associated Lab Samples: 10726385041, 10726385042, 10726385043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
11Cl-PF3OUdS	ug/L	<0.0019	0.0063	03/14/25 14:56	
4:2 FTS	ug/L	<0.0016	0.0063	03/14/25 14:56	
6:2 FTS	ug/L	<0.0018	0.0063	03/14/25 14:56	
8:2 FTS	ug/L	<0.0016	0.0063	03/14/25 14:56	
9Cl-PF3ONS	ug/L	<0.0017	0.0063	03/14/25 14:56	
ADONA	ug/L	<0.0018	0.0063	03/14/25 14:56	
HFPO-DA	ug/L	<0.0018	0.0063	03/14/25 14:56	
NEtFOSA	ug/L	<0.00050	0.0016	03/14/25 14:56	
NEtFOSAA	ug/L	<0.00065	0.0016	03/14/25 14:56	
NEtFOSE	ug/L	<0.0040	0.016	03/14/25 14:56	
NMeFOSA	ug/L	<0.00048	0.0016	03/14/25 14:56	
NMeFOSAA	ug/L	<0.00049	0.0016	03/14/25 14:56	
NMeFOSE	ug/L	<0.0040	0.016	03/14/25 14:56	
PFBA	ug/L	<0.0015	0.0063	03/14/25 14:56	
PFBS	ug/L	<0.00041	0.0016	03/14/25 14:56	
PFDA	ug/L	<0.00049	0.0016	03/14/25 14:56	
PFDoA	ug/L	<0.00048	0.0016	03/14/25 14:56	
PFDoS	ug/L	<0.00034	0.0016	03/14/25 14:56	
PFDS	ug/L	<0.00067	0.0016	03/14/25 14:56	
PFHpA	ug/L	<0.00060	0.0016	03/14/25 14:56	
PFHpS	ug/L	<0.00046	0.0016	03/14/25 14:56	
PFHxA	ug/L	<0.00038	0.0016	03/14/25 14:56	
PFHxS	ug/L	<0.00040	0.0016	03/14/25 14:56	
PFNA	ug/L	<0.00051	0.0016	03/14/25 14:56	
PFNS	ug/L	<0.00046	0.0016	03/14/25 14:56	
PFOA	ug/L	<0.00048	0.0016	03/14/25 14:56	
PFOS	ug/L	<0.00038	0.0016	03/14/25 14:56	
PFOSA	ug/L	<0.00048	0.0016	03/14/25 14:56	
PFPeA	ug/L	<0.00093	0.0031	03/14/25 14:56	
PFPeS	ug/L	<0.00037	0.0016	03/14/25 14:56	
PFTeDA	ug/L	<0.00041	0.0016	03/14/25 14:56	
PFTrDA	ug/L	<0.00044	0.0016	03/14/25 14:56	
PFUnA	ug/L	<0.00035	0.0016	03/14/25 14:56	
13C2-PFDoA (S)	%.	71	10-130	03/14/25 14:56	
13C2-PFTA (S)	%.	66	10-130	03/14/25 14:56	
13C24:2FTS (S)	%.	164	40-200	03/14/25 14:56	
13C26:2FTS (S)	%.	179	40-200	03/14/25 14:56	
13C28:2FTS (S)	%.	192	40-300	03/14/25 14:56	
13C3-PFBS (S)	%.	81	40-135	03/14/25 14:56	
13C3-PFHxS (S)	%.	84	40-130	03/14/25 14:56	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

METHOD BLANK: 5197823 Matrix: Water
Associated Lab Samples: 10726385041, 10726385042, 10726385043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
13C3-PFPrA (S)	%.	83	5-130	03/14/25 14:56	
13C3HFPO-DA (S)	%.	77	40-130	03/14/25 14:56	
13C4-PFBA (S)	%.	79	5-130	03/14/25 14:56	
13C4-PFHpA (S)	%.	76	40-130	03/14/25 14:56	
13C5-PFHxA (S)	%.	77	40-130	03/14/25 14:56	
13C5-PFPeA (S)	%.	79	40-130	03/14/25 14:56	
13C6-PFDA (S)	%.	79	40-130	03/14/25 14:56	
13C7-PFUdA (S)	%.	79	30-130	03/14/25 14:56	
13C8-PFOA (S)	%.	82	40-130	03/14/25 14:56	
13C8-PFOS (S)	%.	75	40-130	03/14/25 14:56	
13C8-PFOSA (S)	%.	43	40-130	03/14/25 14:56	
13C9-PFNA (S)	%.	79	40-130	03/14/25 14:56	
d3-MeFOSAA (S)	%.	68	40-170	03/14/25 14:56	
d3-NMeFOSA (S)	%.	35	10-130	03/14/25 14:56	
d5-EtFOSAA (S)	%.	65	25-135	03/14/25 14:56	
d5-NEtFOSA (S)	%.	34	10-130	03/14/25 14:56	
d7-NMeFOSE (S)	%.	36	10-130	03/14/25 14:56	
d9-NEtFOSE (S)	%.	33	10-130	03/14/25 14:56	

LABORATORY CONTROL SAMPLE: 5197824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ug/L	0.075	0.067	89	55-160	
4:2 FTS	ug/L	0.075	0.072	96	70-145	
6:2 FTS	ug/L	0.077	0.076	98	65-155	
8:2 FTS	ug/L	0.077	0.075	97	60-150	
9Cl-PF3ONS	ug/L	0.075	0.070	93	70-155	
ADONA	ug/L	0.075	0.073	97	65-145	
HFPO-DA	ug/L	0.08	0.077	97	70-140	
NEtFOSA	ug/L	0.019	0.018	95	65-145	
NEtFOSAA	ug/L	0.019	0.019	100	70-145	
NEtFOSE	ug/L	0.19	0.19	97	70-135	
NMeFOSA	ug/L	0.019	0.019	97	60-150	
NMeFOSAA	ug/L	0.019	0.019	97	50-140	
NMeFOSE	ug/L	0.19	0.19	97	70-145	
PFBA	ug/L	0.08	0.072	90	70-140	
PFBS	ug/L	0.018	0.017	96	60-145	
PFDA	ug/L	0.019	0.018	96	70-140	
PFDoA	ug/L	0.019	0.020	103	70-140	
PFDoS	ug/L	0.019	0.017	87	50-145	
PFDS	ug/L	0.019	0.017	89	60-145	
PFHpA	ug/L	0.019	0.019	99	70-150	
PFHpS	ug/L	0.019	0.017	88	70-150	
PFHxA	ug/L	0.019	0.018	95	70-145	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5197824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PFHxS	ug/L	0.018	0.017	95	65-145	
PFNA	ug/L	0.019	0.018	95	70-150	
PFNS	ug/L	0.019	0.017	89	65-145	
PFOA	ug/L	0.019	0.018	93	70-150	
PFOS	ug/L	0.019	0.016	84	55-150	
PFOSA	ug/L	0.019	0.020	102	70-145	
PFPeA	ug/L	0.04	0.037	94	65-135	
PFPeS	ug/L	0.019	0.018	92	65-140	
PFTeDA	ug/L	0.019	0.019	99	60-140	
PFTrDA	ug/L	0.019	0.020	102	65-140	
PFUnA	ug/L	0.019	0.019	99	70-145	
13C2-PFDoA (S)	%.			85	10-130	
13C2-PFTA (S)	%.			84	10-130	
13C24:2FTS (S)	%.			183	40-200	
13C26:2FTS (S)	%.			183	40-200	
13C28:2FTS (S)	%.			205	40-300	
13C3-PFBS (S)	%.			87	40-135	
13C3-PFHxS (S)	%.			88	40-130	
13C3-PFPrA (S)	%.			104	5-130	
13C3HFPO-DA (S)	%.			88	40-130	
13C4-PFBA (S)	%.			91	5-130	
13C4-PFHpA (S)	%.			88	40-130	
13C5-PFHxA (S)	%.			92	40-130	
13C5-PFPeA (S)	%.			92	40-130	
13C6-PFDA (S)	%.			91	40-130	
13C7-PFUdA (S)	%.			92	30-130	
13C8-PFOA (S)	%.			92	40-130	
13C8-PFOS (S)	%.			95	40-130	
13C8-PFOSA (S)	%.			52	40-130	
13C9-PFNA (S)	%.			97	40-130	
d3-MeFOSAA (S)	%.			80	40-170	
d3-NMeFOSA (S)	%.			47	10-130	
d5-EtFOSAA (S)	%.			76	25-135	
d5-NEtFOSA (S)	%.			46	10-130	
d7-NMeFOSE (S)	%.			45	10-130	
d9-NEtFOSE (S)	%.			42	10-130	

LABORATORY CONTROL SAMPLE: 5197825

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ug/L	0.011	0.010	87	55-160	
4:2 FTS	ug/L	0.011	0.010	91	70-145	
6:2 FTS	ug/L	0.012	0.011	95	65-155	
8:2 FTS	ug/L	0.012	0.012	99	60-150	
9Cl-PF3ONS	ug/L	0.011	0.011	93	70-155	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5197825

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
ADONA	ug/L	0.011	0.011	95	65-145	
HFPO-DA	ug/L	0.012	0.011	93	70-140	
NEtFOSA	ug/L	0.0029	0.0029	100	65-145	
NEtFOSAA	ug/L	0.0029	0.0029	100	70-145	
NEtFOSE	ug/L	0.029	0.028	95	70-135	
NMeFOSA	ug/L	0.0029	0.0027	93	60-150	
NMeFOSAA	ug/L	0.0029	0.0031	105	50-140	
NMeFOSE	ug/L	0.029	0.028	96	70-145	
PFBA	ug/L	0.012	0.011	89	70-140	
PFBS	ug/L	0.0027	0.0025	93	60-145	
PFDA	ug/L	0.0029	0.0029	98	70-140	
PFDoA	ug/L	0.0029	0.0029	99	70-140	
PFDoS	ug/L	0.0029	0.0025	85	50-145	
PFDS	ug/L	0.0029	0.0028	94	60-145	
PFHpA	ug/L	0.0029	0.0026	89	70-150	
PFHpS	ug/L	0.0029	0.0026	87	70-150	
PFHxA	ug/L	0.0029	0.0029	97	70-145	
PFHxS	ug/L	0.0027	0.0025	92	65-145	
PFNA	ug/L	0.0029	0.0028	94	70-150	
PFNS	ug/L	0.0029	0.0026	89	65-145	
PFOA	ug/L	0.0029	0.0027	91	70-150	
PFOS	ug/L	0.0029	0.0026	87	55-150	
PFOSA	ug/L	0.0029	0.0029	97	70-145	
PFPeA	ug/L	0.0061	0.0056	91	65-135	
PFPeS	ug/L	0.0029	0.0026	90	65-140	
PFTeDA	ug/L	0.0029	0.0030	101	60-140	
PFTrDA	ug/L	0.0029	0.0029	99	65-140	
PFUnA	ug/L	0.0029	0.0029	99	70-145	
13C2-PFDoA (S)	%.			72	10-130	
13C2-PFTA (S)	%.			71	10-130	
13C24:2FTS (S)	%.			159	40-200	
13C26:2FTS (S)	%.			164	40-200	
13C28:2FTS (S)	%.			172	40-300	
13C3-PFBS (S)	%.			74	40-135	
13C3-PFHxS (S)	%.			74	40-130	
13C3-PFPrA (S)	%.			70	5-130	
13C3HFPO-DA (S)	%.			76	40-130	
13C4-PFBA (S)	%.			77	5-130	
13C4-PFHpA (S)	%.			76	40-130	
13C5-PFHxA (S)	%.			77	40-130	
13C5-PFPeA (S)	%.			78	40-130	
13C6-PFDA (S)	%.			79	40-130	
13C7-PFUdA (S)	%.			81	30-130	
13C8-PFOA (S)	%.			84	40-130	
13C8-PFOS (S)	%.			74	40-130	
13C8-PFOSA (S)	%.			43	40-130	
13C9-PFNA (S)	%.			80	40-130	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5197825

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
d3-MeFOSAA (S)	%.			65	40-170	
d3-NMeFOSA (S)	%.			38	10-130	
d5-EtFOSAA (S)	%.			66	25-135	
d5-NEtFOSA (S)	%.			35	10-130	
d7-NMeFOSE (S)	%.			36	10-130	
d9-NEtFOSE (S)	%.			34	10-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5197826 5197827

Parameter	Units	10726513003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
11Cl-PF3OUdS	ug/L	<8.7 ng/L	0.34	0.34	0.30	0.31	88	91	55-160	2	30	
4:2 FTS	ug/L	<7.2 ng/L	0.34	0.34	0.33	0.32	98	96	70-145	3	30	
6:2 FTS	ug/L	<8.3 ng/L	0.35	0.34	0.35	0.35	102	102	65-155	1	30	
8:2 FTS	ug/L	<7.5 ng/L	0.35	0.34	0.35	0.36	101	106	60-150	3	30	
9Cl-PF3ONS	ug/L	<7.6 ng/L	0.34	0.34	0.34	0.34	100	101	70-155	0	30	
ADONA	ug/L	<8.5 ng/L	0.34	0.34	0.35	0.35	101	105	65-145	2	30	
HFPO-DA	ug/L	<8.0 ng/L	0.36	0.36	0.36	0.35	100	99	70-140	3	30	
NEtFOSA	ug/L	<2.3 ng/L	0.087	0.086	0.090	0.086	103	100	65-145	4	30	
NEtFOSAA	ug/L	<3.0 ng/L	0.087	0.086	0.091	0.084	104	97	70-145	8	30	
NEtFOSE	ug/L	<18.6 ng/L	0.87	0.86	0.89	0.88	102	102	70-135	2	30	
NMeFOSA	ug/L	<2.2 ng/L	0.087	0.086	0.086	0.089	99	103	60-150	3	30	
NMeFOSAA	ug/L	<2.2 ng/L	0.087	0.086	0.087	0.083	100	97	50-140	4	30	
NMeFOSE	ug/L	<18.5 ng/L	0.87	0.86	0.89	0.88	102	102	70-145	1	30	
PFBA	ug/L	<7.0 ng/L	0.36	0.36	0.35	0.34	94	94	70-140	2	30	
PFBS	ug/L	4.3J ng/L	0.08	0.079	0.081	0.084	96	101	60-145	3	30	
PFDA	ug/L	<2.2 ng/L	0.087	0.086	0.091	0.091	104	106	70-140	1	30	
PFDoA	ug/L	<2.2 ng/L	0.087	0.086	0.095	0.093	109	108	70-140	3	30	
PFDoS	ug/L	<1.6 ng/L	0.087	0.086	0.075	0.082	86	96	50-145	10	30	
PFDS	ug/L	<3.1 ng/L	0.087	0.086	0.081	0.083	93	97	60-145	2	30	
PFHpA	ug/L	<2.8 ng/L	0.087	0.086	0.089	0.091	100	104	70-150	3	30	
PFHpS	ug/L	<2.1 ng/L	0.087	0.086	0.087	0.082	100	96	70-150	5	30	
PFHxA	ug/L	4.8J ng/L	0.087	0.086	0.090	0.090	98	99	70-145	0	30	
PFHxS	ug/L	<1.8 ng/L	0.08	0.079	0.075	0.078	94	99	65-145	3	30	
PFNA	ug/L	<2.4 ng/L	0.087	0.086	0.085	0.088	96	100	70-150	3	30	
PFNS	ug/L	<2.1 ng/L	0.087	0.086	0.081	0.084	93	97	65-145	3	30	
PFOA	ug/L	4.7J ng/L	0.087	0.086	0.088	0.083	95	92	70-150	5	30	
PFOS	ug/L	2.1J ng/L	0.087	0.086	0.081	0.083	90	94	55-150	3	30	
PFOSA	ug/L	<2.2 ng/L	0.087	0.086	0.092	0.089	105	103	70-145	3	30	
PFPeA	ug/L	6.8J ng/L	0.18	0.18	0.19	0.18	98	97	65-135	3	30	
PFPeS	ug/L	<1.7 ng/L	0.087	0.086	0.078	0.081	89	95	65-140	4	30	
PFTeDA	ug/L	<1.9 ng/L	0.087	0.086	0.095	0.091	109	105	60-140	5	30	
PFTrDA	ug/L	<2.0 ng/L	0.087	0.086	0.091	0.092	104	107	65-140	2	30	
PFUnA	ug/L	<1.6 ng/L	0.087	0.086	0.091	0.088	104	102	70-145	4	30	
13C2-PFDoA (S)	%.						73	70	10-130			

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5197826 5197827

Parameter	Units	10726513003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
13C2-PFTA (S)	%.						71	72	10-130			
13C24:2FTS (S)	%.						70	64	40-200			
13C26:2FTS (S)	%.						123	113	40-200			
13C28:2FTS (S)	%.						139	127	40-300			
13C3-PFBS (S)	%.						86	76	40-135			
13C3-PFHxS (S)	%.						93	78	40-130			
13C3-PFPrA (S)	%.						38	39	5-130			
13C3HFPO-DA (S)	%.						87	83	40-130			
13C4-PFBA (S)	%.						89	81	5-130			
13C4-PFHpA (S)	%.						88	82	40-130			
13C5-PFHxA (S)	%.						88	81	40-130			
13C5-PFPeA (S)	%.						66	63	40-130			
13C6-PFDA (S)	%.						84	76	40-130			
13C7-PFUdA (S)	%.						81	77	30-130			
13C8-PFOA (S)	%.						90	89	40-130			
13C8-PFOS (S)	%.						86	80	40-130			
13C8-PFOSA (S)	%.						47	44	40-130			
13C9-PFNA (S)	%.						86	83	40-130			
d3-MeFOSAA (S)	%.						70	70	40-170			
d3-NMeFOSA (S)	%.						35	32	10-130			
d5-EtFOSAA (S)	%.						65	67	25-135			
d5-NEtFOSA (S)	%.						32	31	10-130			
d7-NMeFOSE (S)	%.						35	35	10-130			
d9-NEtFOSE (S)	%.						33	34	10-130			

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

QC Batch: 996169
QC Batch Method: EPA 1633
Analysis Method: EPA 1633
Analysis Description: EPA 1633F Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10726385021, 10726385025, 10726385026, 10726385027, 10726385028, 10726385029, 10726385030, 10726385031, 10726385032, 10726385033, 10726385034, 10726385035, 10726385036, 10726385037, 10726385038, 10726385039, 10726385040

METHOD BLANK: 5197828
Matrix: Water
Associated Lab Samples: 10726385021, 10726385025, 10726385026, 10726385027, 10726385028, 10726385029, 10726385030, 10726385031, 10726385032, 10726385033, 10726385034, 10726385035, 10726385036, 10726385037, 10726385038, 10726385039, 10726385040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
11Cl-PF3OUdS	ug/L	<0.0019	0.0063	03/17/25 17:35	
4:2 FTS	ug/L	<0.0016	0.0063	03/17/25 17:35	
6:2 FTS	ug/L	<0.0018	0.0063	03/17/25 17:35	
8:2 FTS	ug/L	<0.0016	0.0063	03/17/25 17:35	
9Cl-PF3ONS	ug/L	<0.0017	0.0063	03/17/25 17:35	
ADONA	ug/L	<0.0018	0.0063	03/17/25 17:35	
HFPO-DA	ug/L	<0.0018	0.0063	03/17/25 17:35	
NEtFOSA	ug/L	<0.00050	0.0016	03/17/25 17:35	
NEtFOSAA	ug/L	<0.00065	0.0016	03/17/25 17:35	
NEtFOSE	ug/L	<0.0041	0.016	03/17/25 17:35	
NMeFOSA	ug/L	<0.00048	0.0016	03/17/25 17:35	
NMeFOSAA	ug/L	<0.00049	0.0016	03/17/25 17:35	
NMeFOSE	ug/L	<0.0040	0.016	03/17/25 17:35	
PFBA	ug/L	<0.0015	0.0063	03/17/25 17:35	
PFBS	ug/L	<0.00041	0.0016	03/17/25 17:35	
PFDA	ug/L	<0.00049	0.0016	03/17/25 17:35	
PFDoA	ug/L	<0.00048	0.0016	03/17/25 17:35	
PFDoS	ug/L	<0.00034	0.0016	03/17/25 17:35	
PFDS	ug/L	<0.00068	0.0016	03/17/25 17:35	
PFHpA	ug/L	<0.00060	0.0016	03/17/25 17:35	
PFHpS	ug/L	<0.00046	0.0016	03/17/25 17:35	
PFHxA	ug/L	<0.00038	0.0016	03/17/25 17:35	
PFHxS	ug/L	<0.00040	0.0016	03/17/25 17:35	
PFNA	ug/L	<0.00051	0.0016	03/17/25 17:35	
PFNS	ug/L	<0.00046	0.0016	03/17/25 17:35	
PFOA	ug/L	<0.00048	0.0016	03/17/25 17:35	
PFOS	ug/L	<0.00039	0.0016	03/17/25 17:35	
PFOSA	ug/L	<0.00048	0.0016	03/17/25 17:35	
PFPeA	ug/L	<0.00094	0.0031	03/17/25 17:35	
PFPeS	ug/L	<0.00037	0.0016	03/17/25 17:35	
PFTeDA	ug/L	<0.00041	0.0016	03/17/25 17:35	
PFTrDA	ug/L	<0.00044	0.0016	03/17/25 17:35	
PFUnA	ug/L	<0.00035	0.0016	03/17/25 17:35	
13C2-PFDoA (S)	%.	83	10-130	03/17/25 17:35	
13C2-PFTA (S)	%.	79	10-130	03/17/25 17:35	
13C24:2FTS (S)	%.	178	40-200	03/17/25 17:35	
13C26:2FTS (S)	%.	208	40-200	03/17/25 17:35	S3

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

METHOD BLANK: 5197828 Matrix: Water

Associated Lab Samples: 10726385021, 10726385025, 10726385026, 10726385027, 10726385028, 10726385029, 10726385030, 10726385031, 10726385032, 10726385033, 10726385034, 10726385035, 10726385036, 10726385037, 10726385038, 10726385039, 10726385040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
13C28:2FTS (S)	%.	237	40-300	03/17/25 17:35	
13C3-PFBS (S)	%.	85	40-135	03/17/25 17:35	
13C3-PFHxS (S)	%.	86	40-130	03/17/25 17:35	
13C3-PFPrA (S)	%.	100	5-130	03/17/25 17:35	
13C3HFPO-DA (S)	%.	85	40-130	03/17/25 17:35	
13C4-PFBA (S)	%.	87	5-130	03/17/25 17:35	
13C4-PFHpA (S)	%.	84	40-130	03/17/25 17:35	
13C5-PFHxA (S)	%.	88	40-130	03/17/25 17:35	
13C5-PFPeA (S)	%.	88	40-130	03/17/25 17:35	
13C6-PFDA (S)	%.	90	40-130	03/17/25 17:35	
13C7-PFUdA (S)	%.	91	30-130	03/17/25 17:35	
13C8-PFOA (S)	%.	91	40-130	03/17/25 17:35	
13C8-PFOS (S)	%.	82	40-130	03/17/25 17:35	
13C8-PFOSA (S)	%.	49	40-130	03/17/25 17:35	
13C9-PFNA (S)	%.	87	40-130	03/17/25 17:35	
d3-MeFOSAA (S)	%.	76	40-170	03/17/25 17:35	
d3-NMeFOSA (S)	%.	41	10-130	03/17/25 17:35	
d5-EtFOSAA (S)	%.	69	25-135	03/17/25 17:35	
d5-NEtFOSA (S)	%.	40	10-130	03/17/25 17:35	
d7-NMeFOSE (S)	%.	39	10-130	03/17/25 17:35	
d9-NEtFOSE (S)	%.	36	10-130	03/17/25 17:35	

LABORATORY CONTROL SAMPLE: 5197829

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ug/L	0.072	0.071	99	55-160	
4:2 FTS	ug/L	0.072	0.073	101	70-145	
6:2 FTS	ug/L	0.073	0.079	108	65-155	
8:2 FTS	ug/L	0.073	0.073	99	60-150	
9Cl-PF3ONS	ug/L	0.072	0.074	103	70-155	
ADONA	ug/L	0.072	0.074	103	65-145	
HFPO-DA	ug/L	0.076	0.082	107	70-140	
NEtFOSA	ug/L	0.018	0.019	103	65-145	
NEtFOSAA	ug/L	0.018	0.018	100	70-145	
NEtFOSE	ug/L	0.18	0.19	104	70-135	
NMeFOSA	ug/L	0.018	0.019	104	60-150	
NMeFOSAA	ug/L	0.018	0.019	103	50-140	
NMeFOSE	ug/L	0.18	0.19	104	70-145	
PFBA	ug/L	0.076	0.073	95	70-140	
PFBS	ug/L	0.017	0.017	99	60-145	
PFDA	ug/L	0.018	0.018	100	70-140	
PFDoA	ug/L	0.018	0.019	104	70-140	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5197829

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PFDoS	ug/L	0.018	0.018	98	50-145	
PFDS	ug/L	0.018	0.019	102	60-145	
PFHpA	ug/L	0.018	0.019	103	70-150	
PFHpS	ug/L	0.018	0.018	99	70-150	
PFHxA	ug/L	0.018	0.018	101	70-145	
PFHxS	ug/L	0.017	0.017	102	65-145	
PFNA	ug/L	0.018	0.019	101	70-150	
PFNS	ug/L	0.018	0.019	102	65-145	
PFOA	ug/L	0.018	0.018	98	70-150	
PFOS	ug/L	0.018	0.018	96	55-150	
PFOSA	ug/L	0.018	0.019	105	70-145	
PFPeA	ug/L	0.038	0.038	100	65-135	
PFPeS	ug/L	0.018	0.018	96	65-140	
PFTeDA	ug/L	0.018	0.020	107	60-140	
PFTrDA	ug/L	0.018	0.019	105	65-140	
PFUnA	ug/L	0.018	0.019	104	70-145	
13C2-PFDoA (S)	%.			86	10-130	
13C2-PFTA (S)	%.			82	10-130	
13C24:2FTS (S)	%.			187	40-200	
13C26:2FTS (S)	%.			204	40-200	S0
13C28:2FTS (S)	%.			250	40-300	
13C3-PFBS (S)	%.			90	40-135	
13C3-PFHxS (S)	%.			90	40-130	
13C3-PFPrA (S)	%.			103	5-130	
13C3HFPO-DA (S)	%.			83	40-130	
13C4-PFBA (S)	%.			90	5-130	
13C4-PFHpA (S)	%.			86	40-130	
13C5-PFHxA (S)	%.			89	40-130	
13C5-PFPeA (S)	%.			89	40-130	
13C6-PFDA (S)	%.			89	40-130	
13C7-PFUdA (S)	%.			91	30-130	
13C8-PFOA (S)	%.			95	40-130	
13C8-PFOS (S)	%.			91	40-130	
13C8-PFOSA (S)	%.			54	40-130	
13C9-PFNA (S)	%.			93	40-130	
d3-MeFOSAA (S)	%.			86	40-170	
d3-NMeFOSA (S)	%.			47	10-130	
d5-EtFOSAA (S)	%.			83	25-135	
d5-NEtFOSA (S)	%.			47	10-130	
d7-NMeFOSE (S)	%.			43	10-130	
d9-NEtFOSE (S)	%.			40	10-130	

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(612)607-1700

QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5197830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ug/L	0.012	0.010	84	55-160	
4:2 FTS	ug/L	0.012	0.011	91	70-145	
6:2 FTS	ug/L	0.012	0.012	97	65-155	
8:2 FTS	ug/L	0.012	0.011	92	60-150	
9Cl-PF3ONS	ug/L	0.012	0.011	89	70-155	
ADONA	ug/L	0.012	0.011	90	65-145	
HFPO-DA	ug/L	0.013	0.012	95	70-140	
NEtFOSA	ug/L	0.0031	0.0028	91	65-145	
NEtFOSAA	ug/L	0.0031	0.0027	90	70-145	
NEtFOSE	ug/L	0.031	0.028	91	70-135	
NMeFOSA	ug/L	0.0031	0.0030	99	60-150	
NMeFOSAA	ug/L	0.0031	0.0030	100	50-140	
NMeFOSE	ug/L	0.031	0.028	91	70-145	
PFBA	ug/L	0.013	0.011	84	70-140	
PFBS	ug/L	0.0028	0.0026	91	60-145	
PFDA	ug/L	0.0031	0.0029	94	70-140	
PFDoA	ug/L	0.0031	0.0028	92	70-140	
PFDoS	ug/L	0.0031	0.0026	85	50-145	
PFDS	ug/L	0.0031	0.0025	81	60-145	
PFHpA	ug/L	0.0031	0.0028	92	70-150	
PFHpS	ug/L	0.0031	0.0027	89	70-150	
PFHxA	ug/L	0.0031	0.0027	90	70-145	
PFHxS	ug/L	0.0028	0.0024	86	65-145	
PFNA	ug/L	0.0031	0.0027	88	70-150	
PFNS	ug/L	0.0031	0.0026	86	65-145	
PFOA	ug/L	0.0031	0.0027	90	70-150	
PFOS	ug/L	0.0031	0.0026	86	55-150	
PFOSA	ug/L	0.0031	0.0030	100	70-145	
PFPeA	ug/L	0.0064	0.0056	88	65-135	
PFPeS	ug/L	0.0031	0.0026	84	65-140	
PFTeDA	ug/L	0.0031	0.0029	95	60-140	
PFTrDA	ug/L	0.0031	0.0029	94	65-140	
PFUnA	ug/L	0.0031	0.0029	94	70-145	
13C2-PFDoA (S)	%.			88	10-130	
13C2-PFTA (S)	%.			82	10-130	
13C24:2FTS (S)	%.			197	40-200	
13C26:2FTS (S)	%.			222	40-200	S0
13C28:2FTS (S)	%.			262	40-300	
13C3-PFBS (S)	%.			92	40-135	
13C3-PFHxS (S)	%.			94	40-130	
13C3-PFPrA (S)	%.			110	5-130	
13C3HFPO-DA (S)	%.			90	40-130	
13C4-PFBA (S)	%.			96	5-130	
13C4-PFHpA (S)	%.			93	40-130	
13C5-PFHxA (S)	%.			95	40-130	
13C5-PFPeA (S)	%.			94	40-130	
13C6-PFDA (S)	%.			91	40-130	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5197830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
13C7-PFUdA (S)	%.			93	30-130	
13C8-PFOA (S)	%.			99	40-130	
13C8-PFOS (S)	%.			98	40-130	
13C8-PFOSA (S)	%.			57	40-130	
13C9-PFNA (S)	%.			94	40-130	
d3-MeFOSAA (S)	%.			89	40-170	
d3-NMeFOSA (S)	%.			51	10-130	
d5-EtFOSAA (S)	%.			83	25-135	
d5-NEtFOSA (S)	%.			49	10-130	
d7-NMeFOSE (S)	%.			47	10-130	
d9-NEtFOSE (S)	%.			44	10-130	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

QC Batch: 996389
QC Batch Method: EPA 1633
Analysis Method: EPA 1633
Analysis Description: EPA 1633F Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10726385022, 10726385023, 10726385024

METHOD BLANK: 5199124 Matrix: Water
Associated Lab Samples: 10726385022, 10726385023, 10726385024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
11Cl-PF3OUdS	ug/L	<0.0019	0.0062	03/18/25 20:00	
4:2 FTS	ug/L	<0.0015	0.0062	03/18/25 20:00	
6:2 FTS	ug/L	<0.0018	0.0062	03/18/25 20:00	
8:2 FTS	ug/L	<0.0016	0.0062	03/18/25 20:00	
9Cl-PF3ONS	ug/L	<0.0016	0.0062	03/18/25 20:00	
ADONA	ug/L	<0.0018	0.0062	03/18/25 20:00	
HFPO-DA	ug/L	<0.0017	0.0062	03/18/25 20:00	
NEtFOSA	ug/L	<0.00049	0.0015	03/18/25 20:00	
NEtFOSAA	ug/L	<0.00064	0.0015	03/18/25 20:00	
NEtFOSE	ug/L	<0.0040	0.015	03/18/25 20:00	
NMeFOSA	ug/L	<0.00048	0.0015	03/18/25 20:00	
NMeFOSAA	ug/L	<0.00048	0.0015	03/18/25 20:00	
NMeFOSE	ug/L	<0.0040	0.015	03/18/25 20:00	
PFBA	ug/L	<0.0015	0.0062	03/18/25 20:00	
PFBS	ug/L	<0.00041	0.0015	03/18/25 20:00	
PFDA	ug/L	<0.00048	0.0015	03/18/25 20:00	
PFDoA	ug/L	<0.00047	0.0015	03/18/25 20:00	
PFDoS	ug/L	<0.00033	0.0015	03/18/25 20:00	
PFDS	ug/L	<0.00067	0.0015	03/18/25 20:00	
PFHpA	ug/L	<0.00059	0.0015	03/18/25 20:00	
PFHpS	ug/L	<0.00045	0.0015	03/18/25 20:00	
PFHxA	ug/L	<0.00037	0.0015	03/18/25 20:00	
PFHxS	ug/L	<0.00040	0.0015	03/18/25 20:00	
PFNA	ug/L	<0.00051	0.0015	03/18/25 20:00	
PFNS	ug/L	<0.00046	0.0015	03/18/25 20:00	
PFOA	ug/L	<0.00047	0.0015	03/18/25 20:00	
PFOS	ug/L	<0.00038	0.0015	03/18/25 20:00	
PFOSA	ug/L	<0.00047	0.0015	03/18/25 20:00	
PFPeA	ug/L	<0.00092	0.0031	03/18/25 20:00	
PFPeS	ug/L	<0.00037	0.0015	03/18/25 20:00	
PFTeDA	ug/L	<0.00040	0.0015	03/18/25 20:00	
PFTrDA	ug/L	<0.00044	0.0015	03/18/25 20:00	
PFUnA	ug/L	<0.00034	0.0015	03/18/25 20:00	
13C2-PFDoA (S)	%.	77	10-130	03/18/25 20:00	
13C2-PFTA (S)	%.	74	10-130	03/18/25 20:00	
13C24:2FTS (S)	%.	159	40-200	03/18/25 20:00	
13C26:2FTS (S)	%.	126	40-200	03/18/25 20:00	
13C28:2FTS (S)	%.	128	40-300	03/18/25 20:00	
13C3-PFBS (S)	%.	78	40-135	03/18/25 20:00	
13C3-PFHxS (S)	%.	77	40-130	03/18/25 20:00	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

METHOD BLANK: 5199124 Matrix: Water
Associated Lab Samples: 10726385022, 10726385023, 10726385024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
13C3-PFPrA (S)	%.	97	5-130	03/18/25 20:00	
13C3HFPO-DA (S)	%.	75	40-130	03/18/25 20:00	
13C4-PFBA (S)	%.	81	5-130	03/18/25 20:00	
13C4-PFHpA (S)	%.	76	40-130	03/18/25 20:00	
13C5-PFHxA (S)	%.	78	40-130	03/18/25 20:00	
13C5-PFPeA (S)	%.	80	40-130	03/18/25 20:00	
13C6-PFDA (S)	%.	79	40-130	03/18/25 20:00	
13C7-PFUdA (S)	%.	86	30-130	03/18/25 20:00	
13C8-PFOA (S)	%.	76	40-130	03/18/25 20:00	
13C8-PFOS (S)	%.	79	40-130	03/18/25 20:00	
13C8-PFOSA (S)	%.	56	40-130	03/18/25 20:00	
13C9-PFNA (S)	%.	81	40-130	03/18/25 20:00	
d3-MeFOSAA (S)	%.	94	40-170	03/18/25 20:00	
d3-NMeFOSA (S)	%.	43	10-130	03/18/25 20:00	
d5-EtFOSAA (S)	%.	91	25-135	03/18/25 20:00	
d5-NEtFOSA (S)	%.	43	10-130	03/18/25 20:00	
d7-NMeFOSE (S)	%.	46	10-130	03/18/25 20:00	
d9-NEtFOSE (S)	%.	45	10-130	03/18/25 20:00	

LABORATORY CONTROL SAMPLE: 5199125

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ug/L	0.073	0.074	101	55-160	
4:2 FTS	ug/L	0.073	0.075	102	70-145	
6:2 FTS	ug/L	0.075	0.082	109	65-155	
8:2 FTS	ug/L	0.075	0.078	105	60-150	
9Cl-PF3ONS	ug/L	0.073	0.076	104	70-155	
ADONA	ug/L	0.073	0.076	103	65-145	
HFPO-DA	ug/L	0.078	0.079	101	70-140	
NEtFOSA	ug/L	0.019	0.019	101	65-145	
NEtFOSAA	ug/L	0.019	0.019	103	70-145	
NEtFOSE	ug/L	0.19	0.19	102	70-135	
NMeFOSA	ug/L	0.019	0.019	102	60-150	
NMeFOSAA	ug/L	0.019	0.019	103	50-140	
NMeFOSE	ug/L	0.19	0.19	103	70-145	
PFBA	ug/L	0.078	0.075	96	70-140	
PFBS	ug/L	0.017	0.018	103	60-145	
PFDA	ug/L	0.019	0.019	101	70-140	
PFDoA	ug/L	0.019	0.020	105	70-140	
PFDoS	ug/L	0.019	0.019	102	50-145	
PFDS	ug/L	0.019	0.020	104	60-145	
PFHpA	ug/L	0.019	0.019	104	70-150	
PFHpS	ug/L	0.019	0.018	95	70-150	
PFHxA	ug/L	0.019	0.019	101	70-145	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5199125

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PFHxS	ug/L	0.017	0.017	100	65-145	
PFNA	ug/L	0.019	0.019	100	70-150	
PFNS	ug/L	0.019	0.019	103	65-145	
PFOA	ug/L	0.019	0.019	99	70-150	
PFOS	ug/L	0.019	0.018	95	55-150	
PFOSA	ug/L	0.019	0.019	102	70-145	
PFPeA	ug/L	0.039	0.039	100	65-135	
PFPeS	ug/L	0.019	0.018	94	65-140	
PFTeDA	ug/L	0.019	0.020	107	60-140	
PFTrDA	ug/L	0.019	0.020	106	65-140	
PFUnA	ug/L	0.019	0.019	103	70-145	
13C2-PFDoA (S)	%.			89	10-130	
13C2-PFTA (S)	%.			87	10-130	
13C24:2FTS (S)	%.			187	40-200	
13C26:2FTS (S)	%.			140	40-200	
13C28:2FTS (S)	%.			148	40-300	
13C3-PFBS (S)	%.			87	40-135	
13C3-PFHxS (S)	%.			89	40-130	
13C3-PFPrA (S)	%.			55	5-130	
13C3HFPO-DA (S)	%.			82	40-130	
13C4-PFBA (S)	%.			89	5-130	
13C4-PFHpA (S)	%.			86	40-130	
13C5-PFHxA (S)	%.			90	40-130	
13C5-PFPeA (S)	%.			89	40-130	
13C6-PFDA (S)	%.			91	40-130	
13C7-PFUdA (S)	%.			94	30-130	
13C8-PFOA (S)	%.			85	40-130	
13C8-PFOS (S)	%.			89	40-130	
13C8-PFOSA (S)	%.			65	40-130	
13C9-PFNA (S)	%.			89	40-130	
d3-MeFOSAA (S)	%.			113	40-170	
d3-NMeFOSA (S)	%.			51	10-130	
d5-EtFOSAA (S)	%.			109	25-135	
d5-NEtFOSA (S)	%.			51	10-130	
d7-NMeFOSE (S)	%.			54	10-130	
d9-NEtFOSE (S)	%.			53	10-130	

LABORATORY CONTROL SAMPLE: 5199126

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11Cl-PF3OUdS	ug/L	0.012	0.011	93	55-160	
4:2 FTS	ug/L	0.012	0.012	98	70-145	
6:2 FTS	ug/L	0.012	0.012	102	65-155	
8:2 FTS	ug/L	0.012	0.013	110	60-150	
9Cl-PF3ONS	ug/L	0.012	0.011	95	70-155	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5199126

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
ADONA	ug/L	0.012	0.012	102	65-145	
HFPO-DA	ug/L	0.013	0.012	96	70-140	
NEtFOSA	ug/L	0.003	0.0030	99	65-145	
NEtFOSAA	ug/L	0.003	0.0031	103	70-145	
NEtFOSE	ug/L	0.03	0.030	99	70-135	
NMeFOSA	ug/L	0.003	0.0033	108	60-150	
NMeFOSAA	ug/L	0.003	0.0030	98	50-140	
NMeFOSE	ug/L	0.03	0.030	99	70-145	
PFBA	ug/L	0.013	0.012	95	70-140	
PFBS	ug/L	0.0028	0.0027	98	60-145	
PFDA	ug/L	0.003	0.0027	88	70-140	
PFDoA	ug/L	0.003	0.0030	99	70-140	
PFDoS	ug/L	0.003	0.0029	96	50-145	
PFDS	ug/L	0.003	0.0029	97	60-145	
PFHpA	ug/L	0.003	0.0031	102	70-150	
PFHpS	ug/L	0.003	0.0027	90	70-150	
PFHxA	ug/L	0.003	0.0030	97	70-145	
PFHxS	ug/L	0.0028	0.0029	104	65-145	
PFNA	ug/L	0.003	0.0028	92	70-150	
PFNS	ug/L	0.003	0.0027	88	65-145	
PFOA	ug/L	0.003	0.0031	102	70-150	
PFOS	ug/L	0.003	0.0028	92	55-150	
PFOSA	ug/L	0.003	0.0031	103	70-145	
PFPeA	ug/L	0.0063	0.0060	95	65-135	
PFPeS	ug/L	0.003	0.0031	102	65-140	
PFTeDA	ug/L	0.003	0.0032	105	60-140	
PFTrDA	ug/L	0.003	0.0032	104	65-140	
PFUnA	ug/L	0.003	0.0031	103	70-145	
13C2-PFDoA (S)	%.			87	10-130	
13C2-PFTA (S)	%.			81	10-130	
13C24:2FTS (S)	%.			189	40-200	
13C26:2FTS (S)	%.			152	40-200	
13C28:2FTS (S)	%.			148	40-300	
13C3-PFBS (S)	%.			86	40-135	
13C3-PFHxS (S)	%.			84	40-130	
13C3-PFPrA (S)	%.			53	5-130	
13C3HFPO-DA (S)	%.			80	40-130	
13C4-PFBA (S)	%.			85	5-130	
13C4-PFHpA (S)	%.			82	40-130	
13C5-PFHxA (S)	%.			86	40-130	
13C5-PFPeA (S)	%.			86	40-130	
13C6-PFDA (S)	%.			88	40-130	
13C7-PFUdA (S)	%.			90	30-130	
13C8-PFOA (S)	%.			80	40-130	
13C8-PFOS (S)	%.			88	40-130	
13C8-PFOSA (S)	%.			61	40-130	
13C9-PFNA (S)	%.			88	40-130	

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QUALITY CONTROL DATA

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

LABORATORY CONTROL SAMPLE: 5199126

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
d3-MeFOSAA (S)	%.			105	40-170	
d3-NMeFOSA (S)	%.			49	10-130	
d5-EtFOSAA (S)	%.			103	25-135	
d5-NEtFOSA (S)	%.			49	10-130	
d7-NMeFOSE (S)	%.			52	10-130	
d9-NEtFOSE (S)	%.			50	10-130	

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REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

DL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 10726385

[1] The quality system for Pace Analytical Services, LLC in Minneapolis, MN (Pace-Mpls) has been audited and was found to be in conformance with ISO/IEC 17025:2017 by an independent assessment (A2LA Certificate # 2926). The PFAS test results in non-drinking water for this project are not covered by this accreditation.Pace-Mpls maintains accreditation with the state of Wisconsin for EPA 1633 under certificate number 999407970. All of the test results for this project are covered by the Wisconsin accreditation.Reporting of results by method EPA 1633 is equivalent to the reporting of results by method EPA 1633A for the Pace-Mpls laboratory.

SAMPLE QUALIFIERS

Sample: 10726385022

[1] Sample centrifuged prior to extraction, due to excessive solids present. Centrifugation was performed following Pace's PFAS Aqueous Centrifuge Protocol.

Sample: 10726385023

[1] Sample centrifuged prior to extraction, due to excessive solids present. Centrifugation was performed following Pace's PFAS Aqueous Centrifuge Protocol.

Sample: 10726385024

[1] Sample centrifuged prior to extraction, due to excessive solids present. Centrifugation was performed following Pace's PFAS Aqueous Centrifuge Protocol.

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QUALIFIERS

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

ANALYTE QUALIFIERS

1M	All narrated results associated with this sample confirmed through secondary analysis. Extracted Internal Standards (EIS) with 0% recovery are confirmed based on their low detections meeting signal to noise criteria described in the laboratories SOP.
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: E25-0114 Menomonie GW Q1 2025-Revised Report
Pace Project No.: 10726385

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10726385001	**MEWI-GW-MW1-0-250304**	EPA 1633	995916	EPA 1633	996742
10726385002	**MEWI-GW-MW2-0-250305**	EPA 1633	995916	EPA 1633	996742
10726385003	**MEWI-GW-MW3-0-250306**	EPA 1633	995916	EPA 1633	996742
10726385004	**MEWI-GW-MW3-DB-250306**	EPA 1633	995916	EPA 1633	996742
10726385005	**MEWI-GW-MW4-0-250304**	EPA 1633	995916	EPA 1633	996742
10726385006	**MEWI-GW-MW4D-0-250304**	EPA 1633	995916	EPA 1633	996742
10726385007	**MEWI-GW-MW5-0-250305**	EPA 1633	995916	EPA 1633	996742
10726385008	**MEWI-GW-MW5D-0-250305**	EPA 1633	995916	EPA 1633	996742
10726385009	**MEWI-GW-MW6-0-250305**	EPA 1633	995916	EPA 1633	996742
10726385010	**MEWI-GW-MW7-0-250303**	EPA 1633	995916	EPA 1633	996742
10726385011	**MEWI-GW-MW8-0-250306**	EPA 1633	995916	EPA 1633	996742
10726385012	**MEWI-GW-MW9-0-250304**	EPA 1633	995916	EPA 1633	996742
10726385013	**MEWI-GW-MW9D-0-250304**	EPA 1633	995916	EPA 1633	996742
10726385014	**MEWI-GW-MW10-0-250304**	EPA 1633	995916	EPA 1633	996742
10726385015	**MEWI-GW-MW11-0-240304**	EPA 1633	995916	EPA 1633	996742
10726385016	**MEWI-GW-MW12-0-250304**	EPA 1633	995916	EPA 1633	996742
10726385017	**MEWI-GW-MW12D-0-250304**	EPA 1633	995916	EPA 1633	996742
10726385018	**MEWI-GW-PZ1-0-250307**	EPA 1633	995916	EPA 1633	996742
10726385019	**MEWI-GW-PZ2-0-250307**	EPA 1633	995916	EPA 1633	996742
10726385020	**MEWI-GW-PZ3-0-250306**	EPA 1633	995916	EPA 1633	996742
10726385021	**MEWI-GW-PZ3-DB-250306**	EPA 1633	996169	EPA 1633	997283
10726385022	**MEWI-GW-PZ3a-0-250306**	EPA 1633	996389	EPA 1633	997188
10726385023	**MEWI-GW-PZ3b-0-250306**	EPA 1633	996389	EPA 1633	997188
10726385024	**MEWI-GW-PZ3c-0-250306**	EPA 1633	996389	EPA 1633	997188
10726385025	**MEWI-GW-PZ4-0-250306**	EPA 1633	996169	EPA 1633	997283
10726385026	**MEWI-GW-PZ5-0-250306**	EPA 1633	996169	EPA 1633	997283
10726385027	**MEWI-GW-PZ6-0-250306**	EPA 1633	996169	EPA 1633	997283
10726385028	**MEWI-GW-PZ8-0-250306**	EPA 1633	996169	EPA 1633	997283
10726385029	**MEWI-GW-PZ9-0-250306**	EPA 1633	996169	EPA 1633	997283
10726385030	**MEWI-GW-PZ10-0-250306**	EPA 1633	996169	EPA 1633	997283
10726385031	**MEWI-GW-PZ11-0-250306**	EPA 1633	996169	EPA 1633	997283
10726385032	**MEWI-GW-PZ12-0-250306**	EPA 1633	996169	EPA 1633	997283
10726385033	**MEWI-GW-PZ13-0-250306**	EPA 1633	996169	EPA 1633	997283
10726385034	**MEWI-SW-CREEK01-0-250307**	EPA 1633	996169	EPA 1633	997283
10726385035	**MEWI-SW-CREEK02-0-250307**	EPA 1633	996169	EPA 1633	997283
10726385036	**MEWI-SW-CREEK03-0-250307**	EPA 1633	996169	EPA 1633	997283
10726385037	**MEWI-SW-CREEK03-DB-250307**	EPA 1633	996169	EPA 1633	997283
10726385038	**MEWI-SW-CREEK04-0-250307**	EPA 1633	996169	EPA 1633	997283
10726385039	**MEWI-W-TB1-TB-250305**	EPA 1633	996169	EPA 1633	997283
10726385040	**MEWI-W-FB1-FB-250304**	EPA 1633	996169	EPA 1633	997283
10726385041	**MEWI-W-FB2-FB-250305**	EPA 1633	996164	EPA 1633	996763
10726385042	**MEWI-W-FB3-FB-250306**	EPA 1633	996164	EPA 1633	996763
10726385043	**MEWI-W-EB1-EB-250307**	EPA 1633	996164	EPA 1633	996763

REPORT OF LABORATORY ANALYSIS

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3M Global EHS Laboratory

Chain of Custody / Request for Analytical

Project: E25-0114

Sample Shipping Address
Pace Analytical Services, LLC - Minneapolis

1700 Elm St SE
Minneapolis, MN 55414
Attn: Martha Hansen

Project Description: 3M Menomonie Groundwater PFAS Sampling - Q1 2025

Project Requester
Requester: Chambers, Britta (MAPLEWOOD-3MUS-MN 3M CENTI
Department: 530711 Site Source: 01J9C020
Project Created: 2025-02-25 8:52:39AM

3M Project Lead
Amanda Albrecht
Email Address: aalbrecht2@mmm.com

Item	3M Sample Number	Sample Description	Date/Time Sampled	Matrix	Type of Sample	Sample Comment	Number of Containers: 500ml none	125ml none			
1	E25-0114-001	MEWI-GW-MW1-0-250304	3/4/25 14:05	WG	☐Grab ☐Comp		2	1			(01)
2	E25-0114-002	MEWI-GW-MW2-0-250305	3/5/25 15:45	WG	☐Grab ☐Comp						(02)
3	E25-0114-003	MEWI-GW-MW3-0-250306	3/6/25 10:55	WG	☐Grab ☐Comp						(03)
4	E25-0114-004	MEWI-GW-MW3-DB-250306	3/6/25 11:00	WG	☐Grab ☐Comp						(04)
5	E25-0114-005	MEWI-GW-MW4-0-250304	3/4/25 16:10	WG	☐Grab ☐Comp						(05)
6	E25-0114-006	MEWI-GW-MW4D-0-250304	3/4/25 15:55	WG	☐Grab ☐Comp						(06)
7	E25-0114-007	MEWI-GW-MW5-0-250305	3/5/25 12:45	WG	☐Grab ☐Comp						(07)
8	E25-0114-008	MEWI-GW-MW5D-0-250305	3/5/25 12:50	WG	☐Grab ☐Comp						(08)
9	E25-0114-009	MEWI-GW-MW6-0-250305	3/5/25 14:35	WG	☐Grab ☐Comp						(09)
10	E25-0114-010	MEWI-GW-MW7-0-250303	3/3/25 15:00	WG	☐Grab ☐Comp						(10)
11	E25-0114-011	MEWI-GW-MW8-0-250306	3/6/25 9:35	WG	☐Grab ☐Comp						(11)
12	E25-0114-012	MEWI-GW-MW9-0-250304	3/4/25 11:55	WG	☐Grab ☐Comp						(12)
13	E25-0114-013	MEWI-GW-MW9D-0-250304	3/4/25 10:15	WG	☐Grab ☐Comp						(13)
14	E25-0114-014	MEWI-GW-MW10-0-250304	3/4/25 14:20	WG	☐Grab ☐Comp						(14)
15	E25-0114-015	MEWI-GW-MW11-0-250304	3/4/25 12:05	WG	☐Grab ☐Comp						(15)
16	E25-0114-016	MEWI-GW-MW12-0-250304	3/4/25 9:30	WG	☐Grab ☐Comp		↓	↓			(16)

Collected by (print): Liz Bieberitz Collector's signature:

Item	Relinquished by:	Date	Time	Shipped Via	Received by:	Date	Time
	Katie Rupp	3/7/25	12:30			3/7/25	1315

Comments PFAS

Contact EHS Lab project lead (including requested tests and (

WO#: 10726385

10726385

3M Global EHS Laboratory

Chain of Custody / Request for Analytical

Project: E25-0114 (cont.)

Sample Shipping Address
Pace Analytical Services, LLC - Minneapolis

1700 Elm St SE
Minneapolis, MN 55414
Attn: Martha Hansen

Project Description: 3M Menomonie Groundwater PFAS Sampling - Q1 2025

Project Requester
Requester: Chambers, Britta (MAPLEWOOD-3MUS-MN 3M CENTI
Department: 530711 Site Source: 01J9C020
Project Created: 2025-02-25 8:52:39AM

3M Project Lead
Amanda Albrecht
Email Address: aalbrecht2@mmm.com

Item	3M Sample Number	Sample Description	Date/Time Sampled	Matrix	Type of Sample	Sample Comment	Number of Containers: Record each container type/ preservative collected (500ml none / 125ml none)			
17	E25-0114-017	MEWI-GW-MW12D-0-250304	3/4/25 9:30	WG	☐Grab ☐Comp	2-500, 1-125				
18	E25-0114-018	MEWI-GW-PZ1-0-250307	3/7/25 9:40	WG	☐Grab ☐Comp		2	1		
19	E25-0114-019	MEWI-GW-PZ2-0- 250307	3/7/25 8:30	WG	☐Grab ☐Comp					
20	E25-0114-020	MEWI-GW-PZ3-0- 250306	3/6/25 15:15	WG	☐Grab ☐Comp					
21	E25-0114-021	MEWI-GW-PZ3-DB-250306	15:20	WG	☐Grab ☐Comp					
22	E25-0114-022	MEWI-GW-PZ3a-0- 250306	16:00	WG	☐Grab ☐Comp					
23	E25-0114-023	MEWI-GW-PZ3b-0-250306	14:50	WG	☐Grab ☐Comp					
24	E25-0114-024	MEWI-GW-PZ3c-0- 250306	14:20	WG	☐Grab ☐Comp					
25	E25-0114-025	MEWI-GW-PZ4-0-250306	3/6/25 15:55	WG	☐Grab ☐Comp					
26	E25-0114-026	MEWI-GW-PZ5-0- 250306	15:15	WG	☐Grab ☐Comp					
27	E25-0114-027	MEWI-GW-PZ6-0- 250306	14:45	WG	☐Grab ☐Comp					
28	E25-0114-028	~~MEWI-GW-PZ7-0~~	X	WG	☐Grab ☐Comp	frozen				
29	E25-0114-029	MEWI-GW-PZ8-0- 250306	11:20	WG	☐Grab ☐Comp		2	1		
30	E25-0114-030	MEWI-GW-PZ9-0- 250306	11:35	WG	☐Grab ☐Comp					
31	E25-0114-031	MEWI-GW-PZ10-0- 250306	14:25	WG	☐Grab ☐Comp					
32	E25-0114-032	MEWI-GW-PZ11-0- 250306	14:10	WG	☐Grab ☐Comp					

017 017
017 018
018 019
019 020
020 021
021 022
022 023
023 024
024 025
025 026
026 027
027 028
028 029
029 030
030 031

Collected by (print): Liz Bieberitz Collector's signature: L.B Bz

Item	Relinquished by:	Date	Time	Shipped Via	Received by:	Date	Time
	Kalie Rus	3/7/25	12:30		Dan Kafe	3/7/25	1315

Comments
PFAS
3.4, 2.6, 2.9, 30 T3

MM2 3/10/25

Contact EHS Lab project lead or refer to GPO for project details, including requested tests and target analytes, if not specified.

3M Global EHS Laboratory

Chain of Custody / Request for Analytical

Project: E25-0114 (cont.)

Sample Shipping Address
Pace Analytical Services, LLC - Minneapolis

1700 Elm St SE
Minneapolis, MN 55414
Attn: Martha Hansen

Project Description: 3M Menomonie Groundwater PFAS Sampling - Q1 2025

Project Requester
Requester: Chambers, Britta (MAPLEWOOD-3MUS-MN 3M CENTI
Department: 530711 Site Source: 01J9C020
Project Created: 2025-02-25 8:52:39AM

3M Project Lead
Amanda Albrecht
Email Address: aalbrecht2@mmm.com

Item	3M Sample Number	Sample Description	Date/Time Sampled	Matrix	Type of Sample	Sample Comment	Number of Containers: Record each container type/ preservative collected: 500ml / none	125ml / none			
33	E25-0114-033	MEWI-GW-PZ12-0-250306	3/6/25 13:55	WG	☐Grab ☐Comp	2-500, 1-125	2	1			032
34	E25-0114-034	MEWI-GW-PZ13-0-250306	3/6/25 13:40	WG	☐Grab ☐Comp		2	1			033
35	E25-0114-035	MEWI-SW-CREEK01-0-250307	3/7/25 9:45	WG	☐Grab ☐Comp						034
36	E25-0114-036	MEWI-SW-CREEK02-0-250307	8:45	WG	☐Grab ☐Comp						035
37	E25-0114-037	MEWI-SW-CREEK03-0-250307	9:15	WG	☐Grab ☐Comp						036
38	E25-0114-038	MEWI-SW-CREEK03-DB-250307	9:15	WG	☐Grab ☐Comp						037
39	E25-0114-039	MEWI-SW-CREEK04-0-250307	9:00	WG	☐Grab ☐Comp			1			038
40	E25-0114-040	MEWI-W-TB1-TB-250305	3/5/25 15:45	WQ	☐Grab ☐Comp		2				039
41	E25-0114-041	MEWI-W-FB1-FB-250304	3/4/25 9:50	WQ	☐Grab ☐Comp			1			040
42	E25-0114-042	MEWI-W-FB2-FB-250305	3/5/25 15:30	WQ	☐Grab ☐Comp						041
43	E25-0114-043	MEWI-W-FB3-FB-250306	3/6/25 10:40	WQ	☐Grab ☐Comp						042
44	E25-0114-044	MEWI-W-EB1-EB-250307	3/7/25 10:35	WQ	☐Grab ☐Comp						043
45	E25-0114-045	MEWI-		WG	☐Grab ☐Comp						
46	E25-0114-046	MEWI-		WG	☐Grab ☐Comp						

Collected by (print): Liz Bieberitz Collector's signature:

Item	Relinquished by:	Date	Time	Shipped Via	Received by:	Date	Time
	Katie Ann	3/7/25	1230			3/7/25	1315

Comments
PFAS

Contact EHS Lab project lead or refer to GPO for project details, including requested tests and target analytes, if not specified.

ENV-FRM-MIN4-0150 v19_Sample Condition Upon Receipt

Person Examining & Date: ASY 3/7/25 **PROJECT #:** **WO#: 10726385**

PM: MKH **Due Date: 03/28/25**

CLIENT: 3M WMS

Client Name: 3M Menomonie

Custody Seal Present: ☑ YES ☐ NO **Seals Intact:** ☑ YES ☐ NO

Tracking Number: ☐ See Exceptions form ENV-FRM-MIN4-0142.

Courier: ☐ Client ☐ Commercial ☐ FedEx ☑ Pace Courier/Field ☐ SpeeDee ☐ UPS ☐ USPS

Packing Material: ☐ Bubble Bags ☐ Bubble Wrap ☑ None ☐ Other: _____ **Biological Tissue Frozen:** ☐ YES ☑ NO

Thermometer: ☐ T1 (0461) ☐ T2 (0431) ☑ T3 (0459) ☐ T4 (0402) ☐ T5 (0187) ☐ T6 (0396) ☐ T7 (0377) ☐ T8 (0775) ☐ T9 (0428) ☐ 01339252 (0710)

Type of Ice: ☐ Blue ☐ Dry ☐ Wet ☐ Melted ☐ None

Temp Blank: ☐ YES ☑ NO

NOTE: Temp should be ≤ 6°C, but above freezing.

Read Temp w/Temp Blank: _____ °C

Correction Factor: _____

Corrected Temp w/Temp Blank: _____ °C

Did Samples Originate in West Virginia: ☐ YES ☑ NO **(list temps on exception)**

Were All Container Temps Taken: ☐ YES ☑ NO ☐ N/A

Average Corrected Temp (No Temp Blank Only): See Exceptions

☐ See Exceptions form ENV-FRM-MIN4-0142. ☐ 1 Container

USDA Regulated Soil: ☑ N/A - Water Sample/Other (describe): _____

Did Samples originate from one of the following states (check maps): ☐ YES ☐ NO

Circle State: AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, VA

Are samples from a foreign source (international, including Hawaii and Puerto Rico): ☐ YES ☐ NO

NOTE: If YES to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.

LOCATION (check one): ☐ DULUTH ☑ MINNEAPOLIS ☐ VIRGINIA	YES	NO	N/A	COMMENT(S)
Chain of Custody Present and Filled Out? **(i.e., Analysis/ID/Date/Time)**	☑	☐		1.
Chain of Custody Relinquished?	☑	☐		2.
Sampler Name and/or Signature on COC?	☑	☐	☐	3.
Samples Arrived within Hold Time? If Fecal: ☐ <8 hrs ☐ >8 hr but <24 hr ☐ >24 hr	☑	☐		4.
Short Hold Time Analysis (<72 hr)?	☐	☑		5. ☐ BOD / cBOD ☐ Fecal coliform ☐ Hex Chrom ☐ HPC ☐ Nitrate ☐ Nitrite ☐ Ortho Phos ☐ Total coliform/*E. coli* ☐ Turbidity ☐ Other:
Rush Turn Around Time Requested?	☐	☑		6. ☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day Due Date:
Sufficient Sample Volume? **(If NO, list approximate volume in section 7.)**	☑	☐		7.
Correct Containers Used? – Pace Containers Used?	☑ ☑	☐ ☐	☐	8.
Containers Intact?	☑	☐		9.
Field Filtered Volume Received for Dissolved Tests?	☐	☐	☑	10. Is sediment visible in the dissolved container: ☐ YES ☐ NO
ID/Date/Time Match? **(If NO, fill out section 11.)** Matrix: ☐ Oil ☐ Soil ☐ Water ☐ Other	☑	☐	☐	11. ☐ See Exceptions form ENV-FRM-MIN4-0142
All containers needing acid/base preservation have been checked?	☐	☐	☑	12.
Sample #: ☐ HNO3 _____ ☐ H2SO4 _____ ☐ NaOH _____ ☐ Zinc Acetate _____ **pH Paper Lot #:** ☐ Residual Chlorine _____ ☐ 0-6 Roll _____ ☐ 0-6 Strip _____ ☐ 0-14 Strip _____ **Positive for Residual Chlorine (NaOH containers only):** ☐ YES ☐ NO				
Preserved containers in compliance with EPA recommendations? (HNO3, H2SO4, < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide)	☐	☐	☑	☐ See Exceptions form ENV-FRM-MIN4-0142
EXCECTIONS (water only): VOA, Coliform, TOC/DOC, Oil & Grease, Phenols, DRO/8015, Dioxins, and PFAS	☐	☐	☑	
Extra labels present on soil VOA or WIDRO containers? **(soil only)**	☐	☐	☑	13.
Headspace in Methyl Mercury Container?	☐	☐	☑	14.
Headspace in VOA Vials (greater than 6mm)?	☐	☐	☑	☐ See Exceptions form ENV-FRM-MIN4-0140
Trip Blanks Present?	☐	☐	☑	15.
Trip Blank Custody Seals Present?	☐	☐	☑	Pace Trip Blank Lot # (if purchased):

CLIENT NOTIFICATION / RESOLUTION: **Labeled By:** ASY **Line:** 3

Person Contacted & Date/Time: _____ **PM Review & Date:** Carolynne Trout 3/11/25

***NOTE:** When there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEQ Certification Office.*

Workorder #: _____

No Temp Blank		
Read Temp	**Corrected Temp**	**Average temp**

PM Notified of Out of Temp Cooler? ☐ YES ☐ NO

If yes, indicate who was contacted, date and time.
If no, indicate reason why.

_____

Multiple Cooler Project? ☐ YES ☐ NO

If anything is OVER 6.0°C, you MUST document containers in this section HERE

Tracking Number	Temperature
1 of 4	2.6
2 of 4	3.4
3 of 4	3.0
4 of 4	2.9

Out of Temp Sample ID	Container Type	# of Containers

pH Adjustment Log for Preserved Samples

Sample ID	Type Of Preserve	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance After Addition?		Initials
								YES	NO	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	

Comments:

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ENV-FRM-MIN4-0142 v03_Sample Condition Upon Receipt - Exceptions

Workorder #: _____

No Temp Blank		
Read Temp	**Corrected Temp**	**Average temp**
2.0	1.9	2.9
3.3	3.2	
2.5	2.4	
3.0	2.9	

PM Notified of Out of Temp Cooler? ☐ YES ☐ NO

If yes, indicate who was contacted, date and time.
If no, indicate reason why.

_____

Multiple Cooler Project? ☐ YES ☐ NO

If anything is OVER 6.0°C, you MUST document containers in this section HERE

Tracking Number	Temperature

Out of Temp Sample ID	Container Type	# of Containers

pH Adjustment Log for Preserved Samples

Sample ID	Type Of Preserve	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance After Addition?		Initials
								YES	NO	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	

Comments:

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ENV-FRM-MIN4-0142 v03_Sample Condition Upon Receipt - Exceptions

Workorder #: _____

No Temp Blank		
Read Temp	**Corrected Temp**	**Average temp**
1.9	1.8	3.0
7.0	6.9	
1.8	1.7	
1.7	1.6	

PM Notified of Out of Temp Cooler? ☐ YES ☐ NO
If yes, indicate who was contacted, date and time. If no, indicate reason why.
_____
Multiple Cooler Project? ☐ YES ☐ NO

If anything is OVER 6.0°C, you MUST document containers in this section HERE

Tracking Number	Temperature

Out of Temp Sample ID	Container Type	# of Containers

pH Adjustment Log for Preserved Samples

Sample ID	Type Of Preserve	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance After Addition?		Initials
								YES	NO	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	

Comments:

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