Agenda Report

2725 Judge Fran Jamieson Way
Viera, FL 32940

New Business - Miscellaneous

J.6. 1/13/2026

Subject:
Board Direction on Notification to Residents Ref: Disclosure of PFAS Contaminant Levels in Drinking Water

Fiscal Impact:
NA

Dept/Office:
District 1

Requested Action:
It is requested that the board direct staff to consider options regarding creation of a dedicated webpage and user notifications of PFAS contaminant levels in drinking water for residents served by Brevard County Utilities.

Summary Explanation and Background:
Per- and polyfluoroalkyl substances (PFAS) are an emerging class of currently unregulated contaminants that have been detected in water systems nationwide, including in portions of Brevard County. On September 29, 2025, the County received a quarterly PFAS report containing recent testing results and associated recommendations.

While the County is pursuing a long-term treatment solution through a proposed reverse osmosis plant, which is projected to be operational in approximately four or more years (2030 or beyond), there is no short-term remedy available for PFAS results that exceed recommended ranges.

In the interim, transparency and timely communication with utility customers are critical. This agenda item is intended to consider and encourage the County to proactively notify residents of available PFAS monitoring results, provide context regarding health advisories and regulatory status, and consolidate information into a publicly accessible PFAS webpage, consistent with practices implemented by other Florida utility providers. A sample user notification from Temple Terrace is attached to the agenda item.

The proposed webpage would serve as a centralized resource by sharing quarterly monitoring data, explaining PFAS and associated risks, outlining ongoing and planned mitigation efforts, and providing updates related to litigation, funding, and system impacts. Establishing clear notification practices and a dedicated informational website would align Brevard County with peer utilities and support informed decision-making by residents.

Examples of Florida provider web-pages informing residents on risks associated with PFAS:

Orange County: https://www.ocfl.net/WaterGarbageRecycling/PFAS.aspx#Explained <https://www.ocfl.net/WaterGarbageRecycling/PFAS.aspx>

Gainesville Regional Utilities (GRU): <https://www.gru.com/Our-Community/Content/Water-Quality/PFAS>

City of Temple Terrace: <https://templeterrace.gov/849/Water-Questions>

Requests of the board:

- Direct the County Manager to evaluate the feasibility of notifying affected utility customers regarding elevated PFAS monitoring results and report back to the Board within the next 30 days.

- Direct the County Manager to evaluate the feasibility of developing and maintaining a dedicated County webpage to inform residents of PFAS monitoring results, health advisory context, and ongoing mitigation efforts, and report back to the Board within the next 30 days.

Clerk to the Board Instructions:

BREVARD County
BOARD OF COUNTY COMMISSIONERS

FLORIDA'S SPACE COAST

Kimberly Powell, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972
Kimberly.Powell@brevardclerk.us

January 14, 2026

M E M O R A N D U M

TO: Commissioner Katie Delaney, District 1

RE: Item J.6., Board Direction on Notification to Residents for Disclosure of Per- and Polyfluoroakyl Substances (PFAS) Contaminant Levels in Drinking Water

The Board of County Commissioners, in regular session on January 13, 2026, directed staff to look into the feasibility of a website or web page on the County's website to provide information to the public about the results received from the PFAS testing and links to Environmental Protection Agency (EPA) and other credible sources to help fully inform the public; and directed staff to bring that back to the Board at its February 10, 2026, meeting.

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
RACHEL M. SADOFF, CLERK

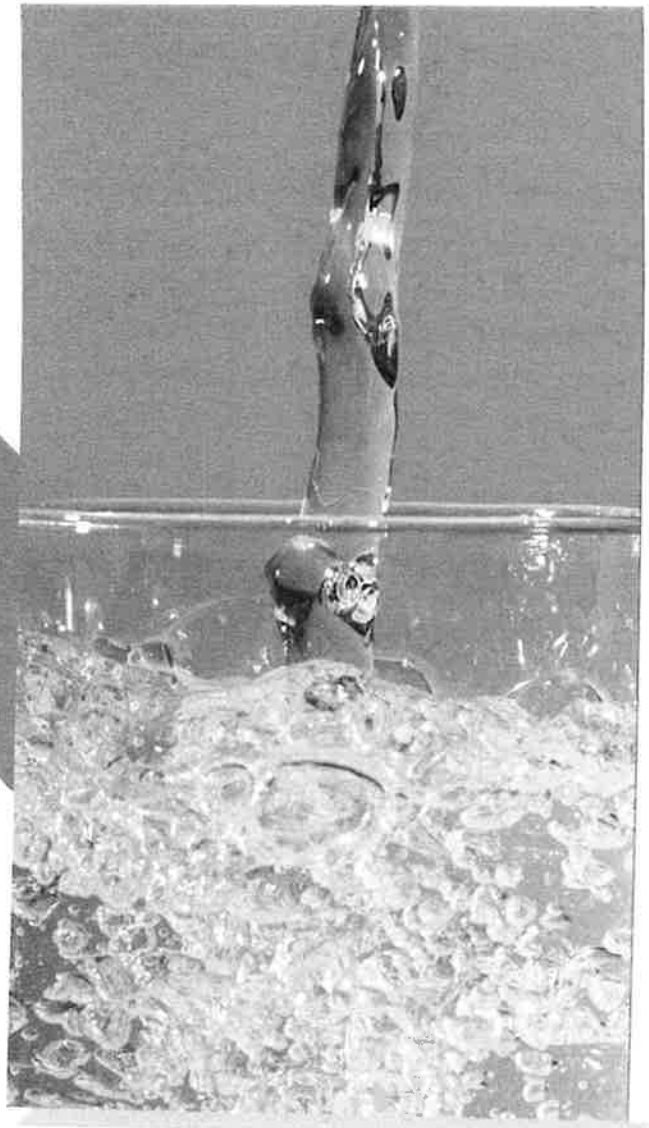
Kimberly Powell

Kimberly Powell, Clerk to the Board

cc: Utility Services
County Manager
Each Commissioner

Agenda Item J.6

January 13, 2026



PFAS TRANSPARENCY

I am requesting that the board direct staff to consider options regarding creation of a dedicated webpage and user notifications of PFAS contaminant levels in drinking water for residents served by Brevard County Utilities.

Katie Delaney
DISTRICT 1
COUNTY COMMISSION

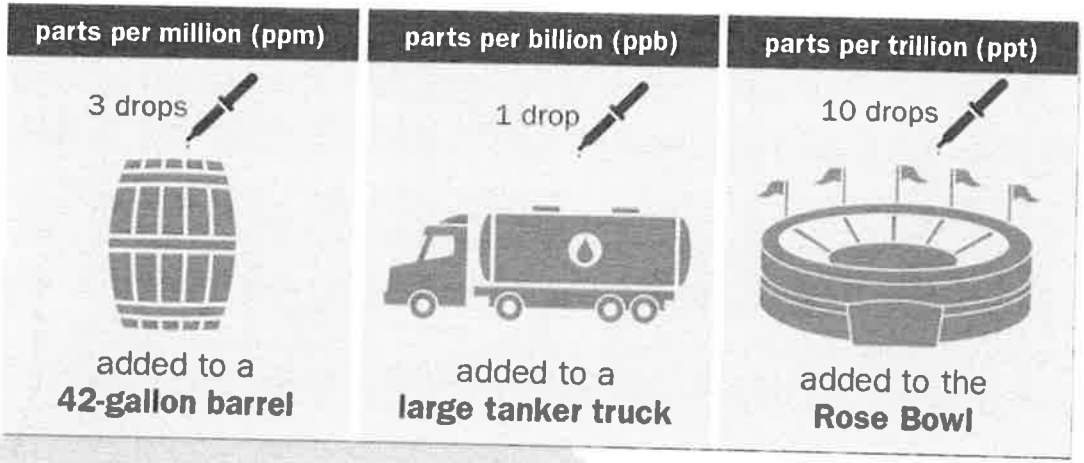
PFAS

TRANSPARENT WATER QUALITY REPORTS FOR THE COMMUNITY

Our regional water facilities are tested at different periods in accordance with the EPA-mandated testing cycle. We are dedicated to transparency, and our test results will be published on this page as they become available. See the EPA's UCMR Occurrence Data webpage for detailed quarterly test results from water systems across the country, including Orange County Utilities.

UNDERSTANDING THE TEST RESULTS

Regulations for drinking water are based on "points of entry" into our water system. These are sites where potable water is pumped from the water supply facility into the distribution system for delivery to customers. These points of entry are the collection sites from where we take samples. On the test results table, "ND" means there were no detections of PFAS compounds above the minimum reporting level for the UCMR program. Test results are reported in parts per trillion, a very tiny unit of measure, as shown below.



PFAS

PFAS Compound	Collection Site and Sampling Schedule																					
	East Service Area PWS 348-4132		South Service Area PWS 348-4119										West Service Area PWS 348-1546									
	Eastern Regional		Southern Regional		Orangewood		Hunters Creek		Vistana		Cypress Walk		Western Regional		Hidden Springs		Oak Meadows		Malcolm Road		CR 535	
	Nov. 2023	May 2024	Aug 2023	Feb 2024	Aug. 2023	Feb. 2024	Aug. 2023	Feb 2024	Aug 2023	Feb 2024	Aug. 2023	Feb 2024	April 2024	Oct. 2024	April 2024	Oct. 2024	April 2024	Oct 2024	April 2024	Oct. 2024	April 2024	Oct 2024
PFDA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NFDHA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFPeS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFHpA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFHpS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFTA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFTrDA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFUnA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9Cl-PF3ONS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11Cl-PF3OUdS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NEtFOSAA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFOA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFNA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HFPO-DA*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFHxS*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFOS*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFEESA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.7	ND	5.0	4.6

Jacobs

Brevard County Per- and Polyfluoroalkyl Substances Quarterly Testing

Date:	September 29, 2025
Project Name:	Task Order 7: PFAS Sampling
Project No.:	EGXM7007
Client:	Brevard County
Prepared by:	Jacobs
Document No.:	250919135103_449d8090
Revision No.:	Draft

550W, Cypress Creek Road
Fort Lauderdale, FL 33309
United States
T +1.954.522.2604
F +1.954.552.7971
www.jacobs.com

1. Background

On April 10, 2024, the U.S. Environmental Protection Agency (EPA) published the national primary drinking water standard (NPDWS) for per- and polyfluoroalkyl substances (PFAS). The final rule established maximum contaminant limits (MCLs) for perfluorooctanoic acid (PFOA) (4 nanograms per liter [ng/L]), perfluorooctanesulfonic acid (PFOS) (4 ng/L), perfluorohexanesulfonic acid (PFHxS) (10 ng/L), perfluorononanoic acid (PFNA) (10 ng/L), and hexafluoropropylene oxide dimer acid (HFPO-DA) (10 ng/L), and it regulates PFHxS, PFNA, HFPO-DA, and perfluorobutanesulfonic acid (PFBS) as a mixture using the hazard index (HI) calculation. The final rule also requires water systems to monitor for these PFAS compounds; they have 3 years to complete initial monitoring (by 2027) and the rule includes ongoing compliance monitoring. The final rule grants the water utilities 5 years (by 2029) to implement solutions that reduce these PFAS contaminants if monitoring shows that drinking water levels exceed the MCLs set in the NPDWS.

On May 14, 2025, the EPA announced its intent to provide regulatory flexibility by extending compliance deadlines for PFOA and PFOS, establishing a federal exemption framework, and initiating enhanced outreach to water systems, especially in rural and small communities. The EPA also announced its intent to rescind the regulations and reconsider the regulatory determinations for PFHxS, PFNA, HFPO-DA (commonly known as GenX), and the HI mixture of these three plus PFBS to ensure that the determinations and any resulting drinking water regulation follow the legal process laid out in the Safe Drinking Water Act.

On March 25, 2024, Jacobs completed systemwide PFAS testing for Brevard County, Florida, which covered raw and finished water/point of entry (POE) samples for all Brevard County water treatment facilities, including Mims/North Brevard Water Treatment Plant (WTP), San Sebastian WTP, and Barefoot Bay WTP (Jacobs, 2024). Brevard County elected to continue monitoring for PFAS compounds in raw and finished waters of the water systems, as recommended by Jacobs. Brevard County has contracted with Jacobs to perform these services. This technical memorandum (TM) provides a summary of the continued monitoring results.

2. Testing Procedures

Jacobs subcontracted Eurofins Scientific to complete all required laboratory analyses shown in Table 1. Sample bottles were sent from Eurofins Scientific to the Jacobs office located at 200 South Orange Avenue, #900, Orlando, Florida 32801. A two-person Jacobs team conducted the sampling. The sampling procedures included the following:

- Each production well and POE ran for approximately 15 to 30 minutes before sampling to ensure the sample reflects source and finished water quality.

- Sampling used field reagent blank (FRB) samples to address the potential for PFAS cross-contamination that could be introduced during sampling. The FRB sample process consisted of a pre-preserved sample bottle filled by the laboratory with PFAS-free water. This is necessary because of the low detection limit of the PFAS compounds in water. Sampling also used duplicate samples for quality assurance and quality control.
- Samples were shipped promptly to maintain a cool temperature for delivery to the laboratory. Each sample was received by the contracted laboratory within 48 hours of collection at a temperature not exceeding 10 degrees Celsius. Sample containers were shipped at the end of each sampling day and overnighted to the subcontracted laboratory.
- Samples were collected using Good Laboratory Practice, including wearing powderless nitrile gloves while filling and sealing the sample bottles and using a new pair of nitrile gloves at each sample site to avoid cross-contamination.

Table 1. Contaminants to be Sampled

Contaminant	CASRN	Analytical Methods
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	EPA Method 533
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	EPA Method 533
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	EPA Method 533
hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	EPA Method 533
nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	EPA Method 533
perfluorobutanoic acid (PFBA)	375-22-4	EPA Method 533
perfluorobutanesulfonic acid (PFBS)	375-73-5	EPA Method 533
1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	39108-34-4	EPA Method 533
perfluorodecanoic acid (PFDA)	335-76-2	EPA Method 533
perfluorododecanoic acid (PFDoA)	307-55-1	EPA Method 533
perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	113507-82-7	EPA Method 533
perfluoroheptanesulfonic acid (PFHpS)	375-92-8	EPA Method 533
perfluoroheptanoic acid (PFHpA)	375-85-9	EPA Method 533
1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	757124-72-4	EPA Method 533
perfluorohexanesulfonic acid (PFHxS)	355-46-4	EPA Method 533
perfluorohexanoic acid (PFHxA)	307-24-4	EPA Method 533
perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	EPA Method 533
perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	EPA Method 533
perfluorononanoic acid (PFNA)	375-95-1	EPA Method 533
1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	27619-97-2	EPA Method 533
perfluorooctanesulfonic acid (PFOS)	1763-23-1	EPA Method 533

Contaminant	CASRN	Analytical Methods
perfluorooctanoic acid (PFOA)	335-67-1	EPA Method 533
perfluoropentanoic acid (PFPeA)	2706-90-3	EPA Method 533
perfluoropentanesulfonic acid (PFPeS)	2706-91-4	EPA Method 533
perfluoroundecanoic acid (PFUnA)	2058-94-8	EPA Method 533

Notes:

Method reporting limit for the laboratory analysis of EPA Method 533 is 2.0 ng/L.

Values that are less than the reporting limit are less than a concentration of the substance tested that can be reliably reported under normal conditions.

CASRN = Chemical Abstracts Service Registry Number

3. Results

This section summarizes the observed occurrences of PFAS compounds in each of the production wells within the Barefoot Bay, San Sebastian, and North Brevard wellfields based on the sampling conducted in fiscal year 2025 (FY25). Results of testing from the October 31, 2023 sampling also are provided in this section, as a reference. This sampling was conducted under a different scope and included testing all wells for PFAS compounds.

Error! Reference source not found., **Error! Reference source not found.**, and Figure 2 show the spatial distribution of detected PFOS and PFOA compound levels across the wellfields. San Sebastian had no PFAS compounds detected in either the wellfield or the POE during sampling in FY25. The ranges in the figures refer to the method used (EPA Method 533). PFAS compound testing results for EPA Method 533 for POE samples from October 31, 2024, are presented in Table 2. Table 3 through Table 5 show testing results for sampling conducted from quarter 2 through quarter 4 of FY25.

Table 2. PFAS Compounds Sampling Results, Method 533 on 10/31/2023

	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluoro hexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2) FTS)	Hexafluoropropylene oxide dimer acid (HFPO-DA)	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	Perfluoro(4-methoxybutanoic acid)	Perfluoro-3-methoxypropanoic acid (PFMPA)	Perfluoro-3,6-dioxaheptanoic acid
Barefoot Bay																									
POE	3.5	2.2	2.2	<2.0	3.4	<2.0	<2.0	<2.0	<2.0	3.2	<2.0	3.3	<2.0	4.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 1	<2.0	<2.0	2.4	<2.0	3.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	4.4	<2.0	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 2	<2.0	<2.0	<2.0	<2.0	3.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.8	<2.0	2.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 2 Duplicate	<2.0	<2.0	<2.0	<2.0	3.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.8	<2.0	2.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 3	<1.9	<1.9	<1.9	<1.9	6.7	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	3.9	<1.9	9.5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Well 4[a]	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 6	3.5	2.1	<2.0	<2.0	3.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.9	<2.0	3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 8	5	<1.9	2.5	1.9	4.1	<1.9	<1.9	<1.9	<1.9	3.4	<1.9	<1.9	<1.9	8.2	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Well 9	2.5	2.5	2.5	<2.0	3.6	<2.0	<2.0	<2.0	<2.0	6.1	<2.0	2.9	<2.0	6.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 9 Duplicate	3	2.9	2.6	<2.0	3.6	<2.0	<2.0	<2.0	<2.0	6	<2.0	2.9	<2.0	7.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
San Sebastian																									
POE	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
East Well 4	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
West Well 5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
North Brevard/Mims																									
POE	5.1	4.6	3.7	2.5	6.2	<1.9	<1.9	<1.9	<1.9	4.7	<1.9	3.3	<1.9	12	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Well 1	6.1	6.5	5.1	3.2	7.7	<1.9	<1.9	<1.9	<1.9	5.6	<1.9	3.1	<1.9	14	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Well 2	6.5	3.1	2.3	<2.0	5.5	<2.0	<2.0	<2.0	<2.0	6.5	<2.0	3.7	<2.0	14	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 2 Duplicate	6.3	2.9	2.2	<1.9	5.1	<1.9	<1.9	<1.9	<1.9	6.5	<1.9	3.7	<1.9	13	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Well 4	6.6	2.6	2.1	2.1	4.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	4.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 5	3.1	2.1	2	<1.9	3.7	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	7.3	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Well 6	3	2.1	<2.0	<2.0	4.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.3	<2.0	7.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 7	7.5	7.8	6.3	3.7	11	<1.9	<1.9	<1.9	<1.9	9.6	<1.9	4.4	<1.9	22	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Well 8[a]	2.3	2.3	2.6	2.9	6.4	2.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	11	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 9	12	7.7	5.1	3.9	7.1	<2.0	<2.0	<2.0	<2.0	3.1	<2.0	2.9	<2.0	4.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 9 Duplicate	12	7.4	4.9	3.9	6.7	<2.0	<2.0	<2.0	<2.0	2.9	<2.0	3	<2.0	4.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluoro hexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2) FTS)	Hexafluoropropylene oxide dimer acid (HFPO-DA)	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	Perfluoro(4-methoxybutanoic acid)	Perfluoro-3-methoxypropanoic acid (PFMPA)	Perfluoro-3,6-dioxaheptanoic acid
Well 10	6.3	7.3	5.2	3.8	7.7	3.5	<2.0	<2.0	<2.0	6.3	<2.0	2.5	<2.0	14	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Well 11	2.1	<2.0	<2.0	<2.0	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	7.2	<2.0	4.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

[a] Well was sampled on 1/17/2024 based on availability.

Table 3. POE PFAS Compounds Testing Results, Method 533 on 10/3/2024

	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	Hexafluoropropylene oxide dimer acid (HFPO-DA)	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	Perfluoro(4-methoxybutanoic acid)	Perfluoro-3-methoxypropanoic acid (PFMPA)	Perfluoro-3,6-dioxaheptanoic acid
Unit	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
Barefoot Bay POE	2.2	2.4	2.3	1.7	3.9	<2.0	<2.0	<2.0	<2.0	3.5	<2.0	3.1	<2.0	4.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barefoot Bay Field Blank	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
San Sebastian	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard POE	4.6	2.5	2.3	1.6	4	0.79	<2.0	<2.0	<2.0	2.4	0.48	3.3	<2.0	7.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Field Blank	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

Note:

Only POE samples were collected based on availability of sample bottles.

Table 4. PFAS Compounds Testing Results for POEs and Selected Wells, Method 533 on 2/18/2025

	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	Hexafluoropropylene oxide dimer acid (HFPO-DA)	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	Perfluoro(4-methoxybutanoic acid)	Perfluoro-3-methoxypropanoic acid (PFMPA)	Perfluoro-3,6-dioxaheptanoic acid
Unit	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
Barefoot Bay Well 1	2.2	3.4	3.7	3.0	10	<2.0	<2.0	<2.0	<2.0	2.9	<2.0	11	<2.0	18	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barefoot Bay Well 4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barefoot Bay Well 6	2.3	2.2	2.1	<2.0	4.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	3.5	<2.0	3.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barefoot Bay Well 9	2.5	3.2	2.8	2.2	4.6	<2.0	<2.0	<2.0	<2.0	6.9	<2.0	2.7	<2.0	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barefoot Bay POE	<2.0	<2.0	<2.0	<2.0	2.6	<2.0	<2.0	<2.0	<2.0	2.5	<2.0	2.0	<2.0	3.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
San Sebastian Well 4	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
San Sebastian POE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
San Sebastian Field Blank	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
North Brevard Well 2	6.0	3.6	2.6	2.0	5.2	<2.0	<2.0	<2.0	<2.0	4.6	<2.0	2.3	<2.0	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 4	5.4	<2.0	<2.0	<2.0	3.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 6	3.0	<2.0	<2.0	<2.0	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	9.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 10	5.8	7.0	5.0	3.0	5.8	2.4	<2.0	<2.0	<2.0	5.9	<2.0	2.0	<2.0	13	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 11	<2.2	<2.2	<2.2	<2.2	2.3	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	9.4	<2.2	4.3	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
North Brevard POE	5.3	5.1	3.9	2.5	6.4	<2.0	<2.0	<2.0	<2.0	5.9	<2.0	4.3	<2.0	13	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

Table 5. PFAS Compounds Testing Results for POEs and Selected Wells, Method 533 on 5/8/2025

	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	Hexafluoropropylene oxide dimer acid (HFPO-DA)	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	Perfluoro(4-methoxybutanoic acid)	Perfluoro-3-methoxypropanoic acid (PFMPA)	Perfluoro-3,6-dioxaheptanoic acid
Unit	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
Barefoot Bay Well 1	2.0	3.2	3.4	2.2	6.2	<1.9	<1.9	<1.9	<1.9	2.9	<1.9	7.8	<1.9	7.1	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Barefoot Bay Well 3	<2.0	<2.0	2.3	2.9	26	3.6	<2.0	<2.0	<2.0	<2.0	<2.0	11	2.3	56	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barefoot Bay Well 9	2.3	3.0	2.5	<1.9	3.8	<1.9	<1.9	<1.9	<1.9	6.6	<1.9	2.6	<1.9	6.6	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Barefoot Bay Well 7	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	2.1	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Barefoot Bay POE	<1.9	<1.9	<1.9	<1.9	2.5	<1.9	<1.9	<1.9	<1.9	2.4	<1.9	1.9	<1.9	3.6	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
San Sebastian Well 5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
San Sebastian POE	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
North Brevard Well 1	9.7	7.1	5.6	4.2	9.6	<2.0	<2.0	<2.0	<2.0	4.9	<2.0	2.6	<2.0	13	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 2	5.6	4.1	2.8	<1.9	5.1	<1.9	<1.9	<1.9	<1.9	4.1	<1.9	2.1	<1.9	9.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
North Brevard Well 4	5.8	2.1	<2.0	<2.0	3.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 7	7.1	7.8	6.2	3.5	9.8	<1.9	<1.9	<1.9	<1.9	8.9	<1.9	4.2	<1.9	21	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
North Brevard Well 11	<1.9	<1.9	<1.9	<1.9	2.3	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	9.2	<1.9	4.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
North Brevard Well POE	4.9	4.1	3.2	1.9	5.9	<1.9	<1.9	<1.9	<1.9	5.10	<1.9	3.9	<1.9	10.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Field Blank	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

Table 6. PFAS Compounds Testing Results for POEs and Selected Wells, Method 533 on 8/13/2025

	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	Hexafluoropropylene oxide dimer acid (HFPO-DA)	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	Perfluoro(4-methoxybutanoic acid)	Perfluoro-3-methoxypropanoic acid (PFMPA)	Perfluoro-3,6-dioxaheptanoic acid
Unit	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
Barefoot Bay Well 1	1.9	2.3	2.7	1.9	5.0	<1.9	<1.9	<1.9	<1.9	2.2	<1.9	5.4	<1.9	7.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Barefoot Bay Well 4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barefoot Bay Well 7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barefoot Bay Well 9	2.6	3.4	3.3	2.1	3.9	<1.9	<1.9	<1.9	<1.9	7.8	<1.9	2.8	<1.9	8.3	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Barefoot Bay POE	<1.9	<1.9	<1.9	<1.9	2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	2.3	<1.9	2.7	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Barefoot Bay Field Blank	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
San Sebastian Well 5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
San Sebastian POE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 2	6.4	4.1	3.2	2.0	5.7	<2.0	<2.0	<2.0	<2.0	4.6	<2.0	2.3	<2.0	11	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 5	3.5	2.1	2.2	<2.0	5.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	23	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 6	3.8	2.8	2.1	<1.9	4.9	<1.9	<1.9	<1.9	<1.9	2.3	<1.9	2.2	<1.9	16	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
North Brevard Well 7	7.7	8.4	6.9	3.6	11	<2.0	<2.0	<2.0	<2.0	9.3	<2.0	4.5	<2.0	23	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard Well 10	5.1	5.9	4.6	3.0	5.7	4.2	<2.0	<2.0	<2.0	5.8	<2.0	<2.0	<2.0	12	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
North Brevard POE	5.9	5.6	4.5	2.7	6.5	2.3	<1.9	<1.9	<1.9	5.5	<1.9	2.5	<1.9	13	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9

The following observations were made for each service area from the quarterly sampling results:

San Sebastian:

- No PFAS compounds were detected in the San Sebastian system.

Barefoot Bay:

- PFOS levels at the POE ranged from 2.7 to 4.5 parts per trillion (ppt) with only one sample being greater than the MCL. Wells 1, 3, 4, and 9 all had samples that exceeded the EPA MCL of 4 ppt. Wells 1, 4, and 9 ranged from 4.7 to 18.0 ppt. Well 3 had a PFOS level of 56.0 ng/L on May 8, 2025. Further testing of this well could not be completed as it was offline the day of the final sampling. Well 6 and Well 7 had PFOS levels less than the MCL.
- PFOA levels at the POE ranged from 2.0 to 3.9 ppt. Wells 1, 3, 6, and 9 had PFOA levels greater than the MCL with Well 3 having the highest observed levels at 26.0 ppt of PFOA detected on 5/8/2025.
- PFBS at the POE ranged from 2.2 to 3.5 ppt. Well 9 was the only well with PFBS values greater than the MCL, ranging from 6.6 to 7.8 ppt. Well 1 showed values that ranged from 2.2 to 2.9 ppt.
- PFNA was detected only at Well 3 with a value of 3.6 ppt.
- PFHxS ranged from 1.9 to 3.1 ppt at the POE. Wells 1 and 3 had the highest values, ranging from 5.8 to 11.0 ppt of PFHxS. Wells 6 and 9 had values that ranged from 2.6 to 3.5 ppt.
- PFBA at ranged from 1.9 to 2.6 ppt in wells 1, 6 and 9.

Error! Reference source not found. shows the POE sample results for Barefoot Bay PFOS and PFOA. The Hazard Index (HI) running annual average for the Barefoot Bay POE were 0.31 which is less than the EPA MCL HI of 1.0. Figures 2 and 3 show PFOS and PFOA distribution in the wellfield. As seen in these figures, PFOS and PFOA were highest in Well 1 and Well 3 for Barefoot Bay.

Figure 1. Barefoot Bay POE PFOA and PFOS

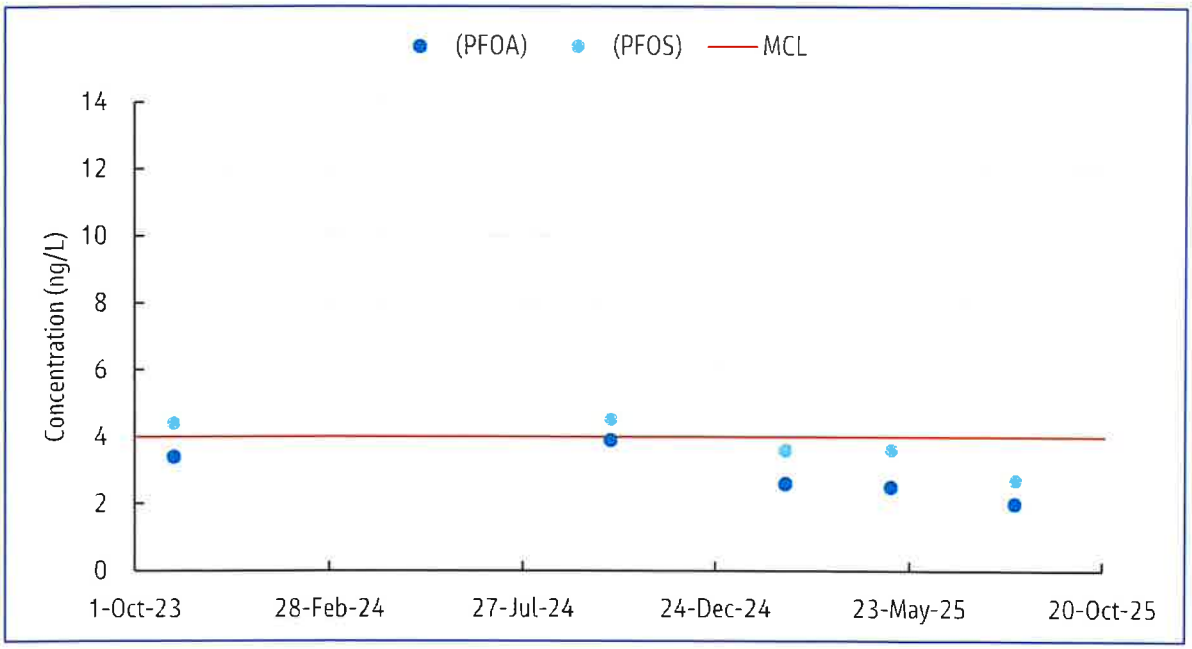


Figure 2. PFOS Distribution in Barefoot Bay Wells

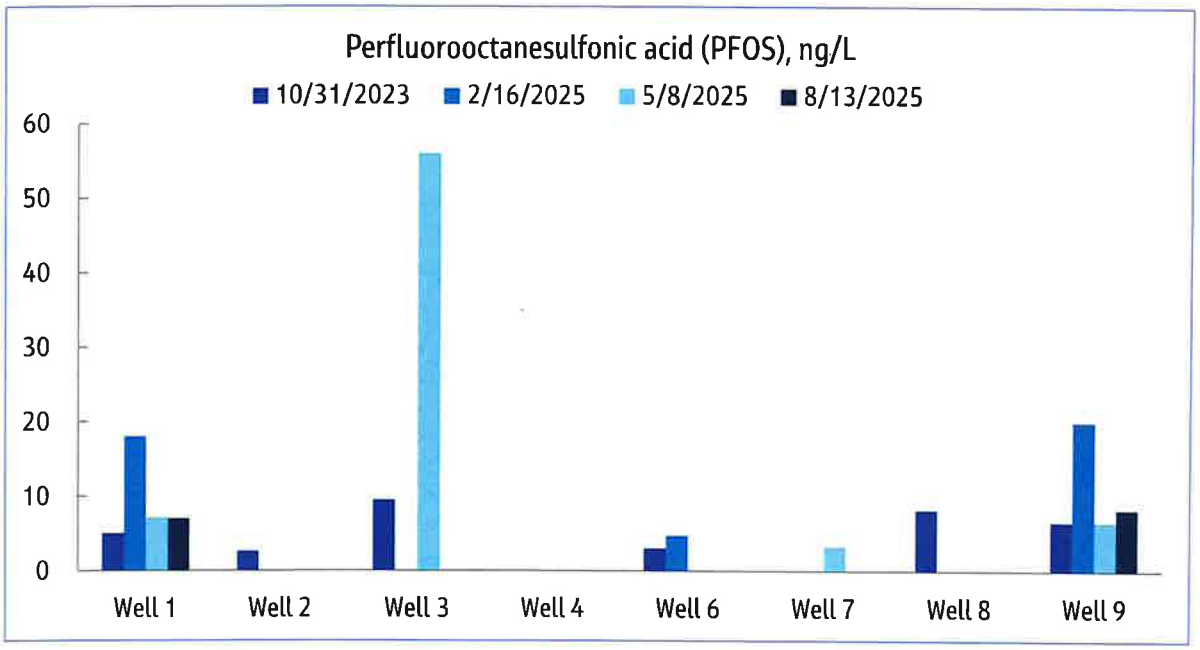
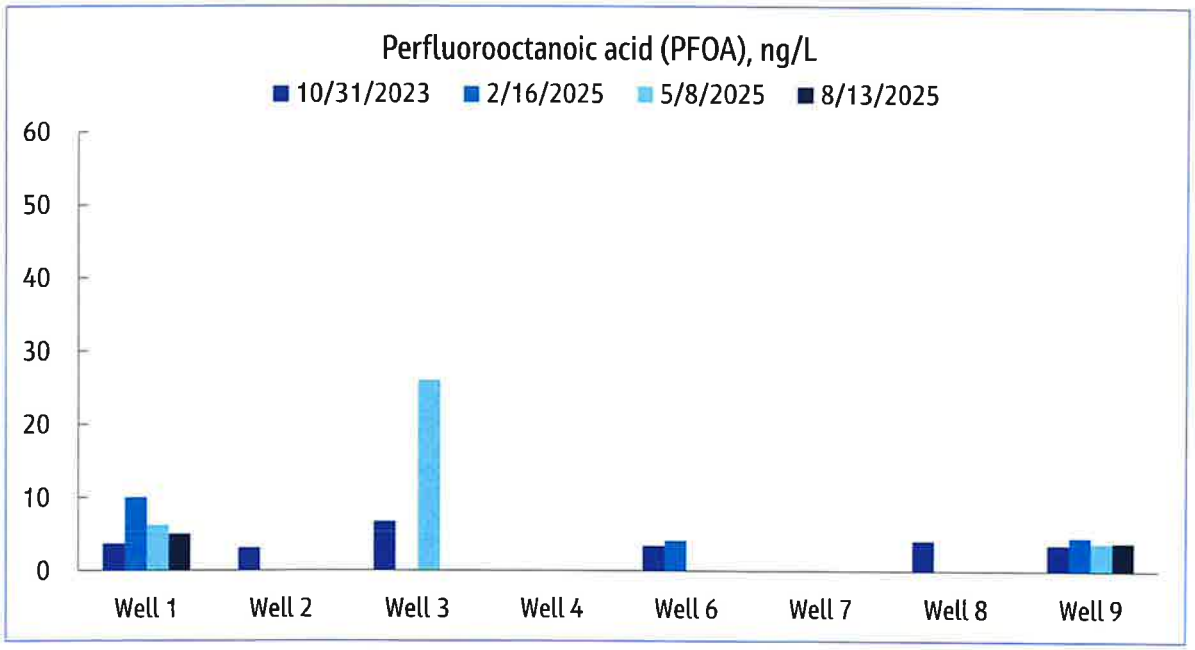


Figure 3. PFOA Distribution in Barefoot Bay Wells



North Brevard:

- PFOS at POE ranged from 7.5 to 13.0 ppt. The wellfield ranged from 2.8 to 23.0 ppt of PFOS. Well 4 was the only well in North Brevard with samples reading less than the MCL. The highest PFOS level was detected at Well 5 and 7 at 23 ppt on August13, 2025.

- PFOA for the POE had a range from 4.0 to 6.5 ppt. Wells 4 and 11 had values ranging from 2.3 to 3.7 ppt. Wells 2, 5, 6, 7, and10 had values greater than the MCL, ranging from 4.9 to 11.0 ppt. The highest value of PFOA was detected at Well 7 on 8/13/2025.
- PFBS at the POE ranged from 2.4 to 5.9 ppt. In the wellfield, the range was 2.3 to 9.3 ppt. Wells 6 and 11 were the only wells less than the MCL, with Well 11 being non-detect.
- PFNA was detected at the POE with a level of 2.3 ppt and at Well 10 at 2.4 and 4.2 ppt. EPA has proposed an HI of 1.0 for this compound as a mixture with PFHxS, PFBS, and HFPO-DA.
- PFHxS ranged from 2.5 to 4.7 ppt for the POE. Wells 7 and 11 had PFHxS values greater than the MCL, ranging from 4.2 to 9.4 ppt detected at Well 11 on February 16, 2025.
- PFBA value at the POE ranged from 4.6 to 5.9 ppt. The wellfield had values that ranged from 3.0 to 9.7 ppt, with Well 1 having the highest value of PFBA. Well 6 and Well 5 were the only wells that had detected PFBA lower than the MCL.

Figure 4 shows the PFOS and PFOA concentration for North Brevard for PFOS and PFOA samples. The HI running annual average for North Brevard POE was 0.41. This value is less than the EPA MCL HI of 1.0. Figure 2 and

Figure 3 show PFOS and PFOA distribution in the wellfield with Well 5 and Well 7 having the highest PFOS compound and PFOA being highest in Wells 1,7, and 10 for North Brevard.

Figure 4. North Brevard POE PFOA and PFOS

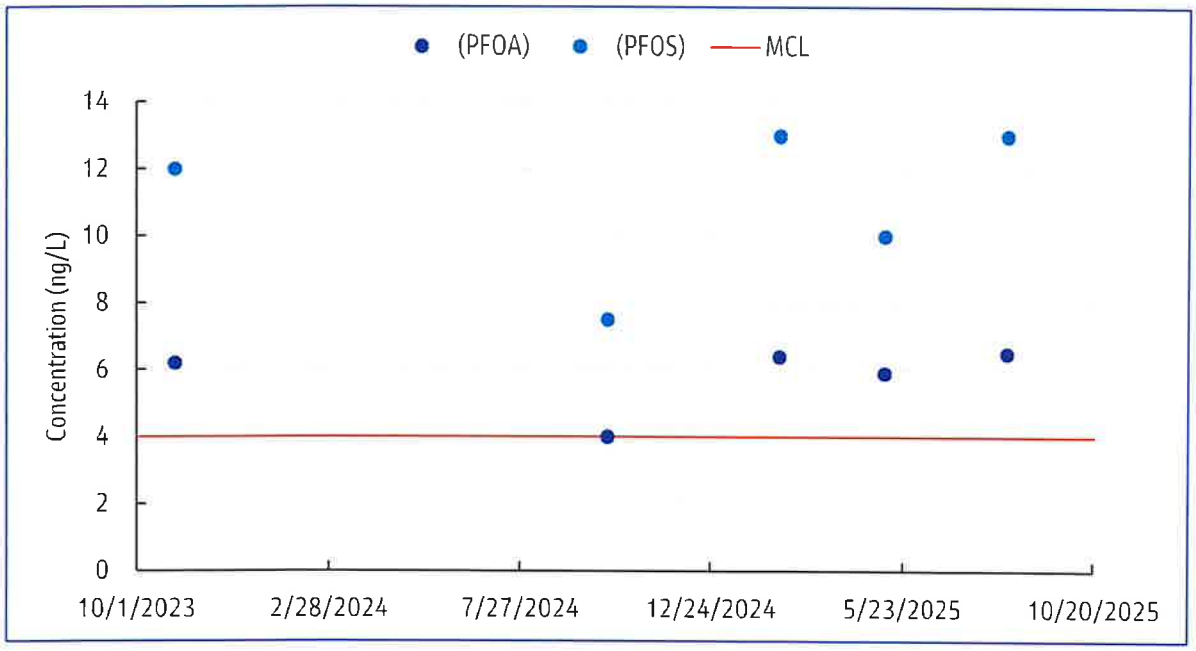


Figure 2. PFOS Distribution in North Brevard Wells

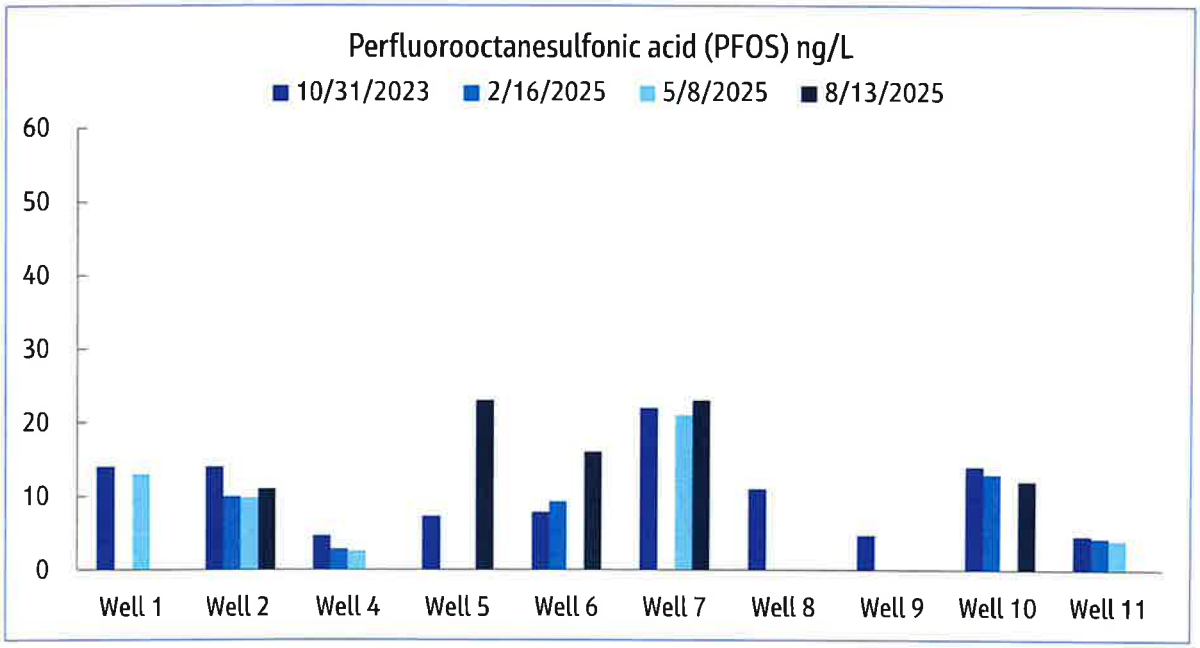
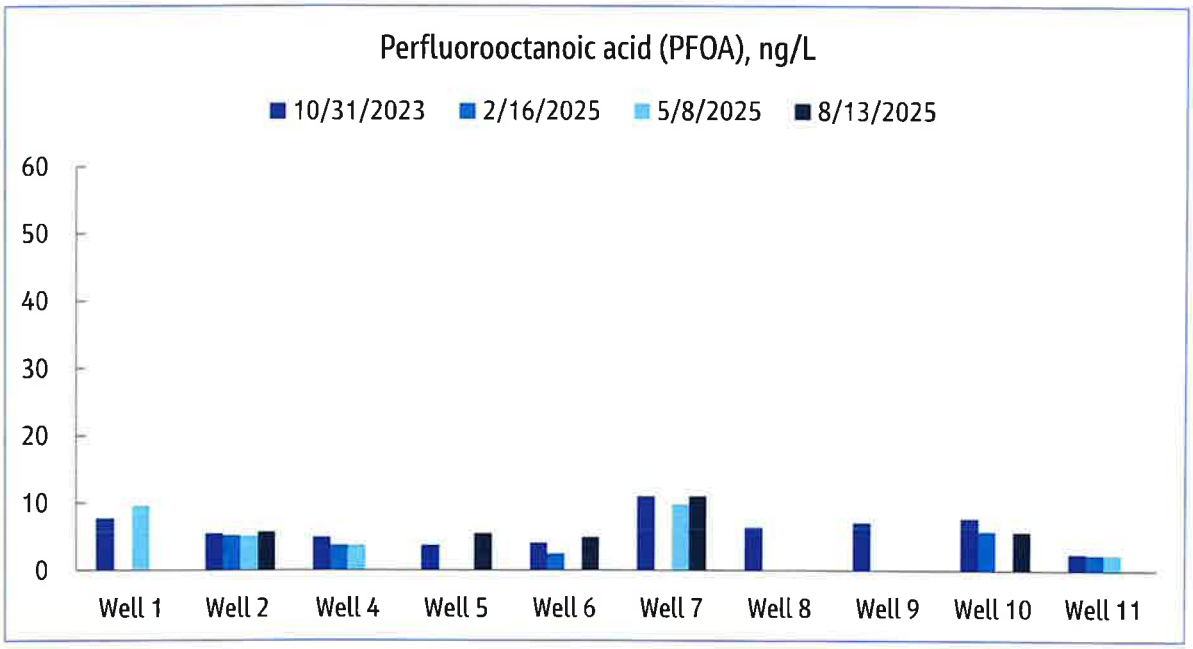


Figure 3. PFOA Distribution in North Brevard Wells



HFPO-DA, commonly known as GenX Chemicals, was not detected in any of the wells or POEs sampled as part of the Brevard County sampling. EPA has proposed an HI of 1.0 for this compound as a mixture with PFHxS, PFBS, and PFNA. Figures 7-9 shows a summary of the PFOS and PFOA results for each of the service areas. Tables 6 through 25 show a breakdown of the PFAS compounds for each well.

Figure 4. Summary of PFOS and PFOA Sampling Results for Barefoot Bay

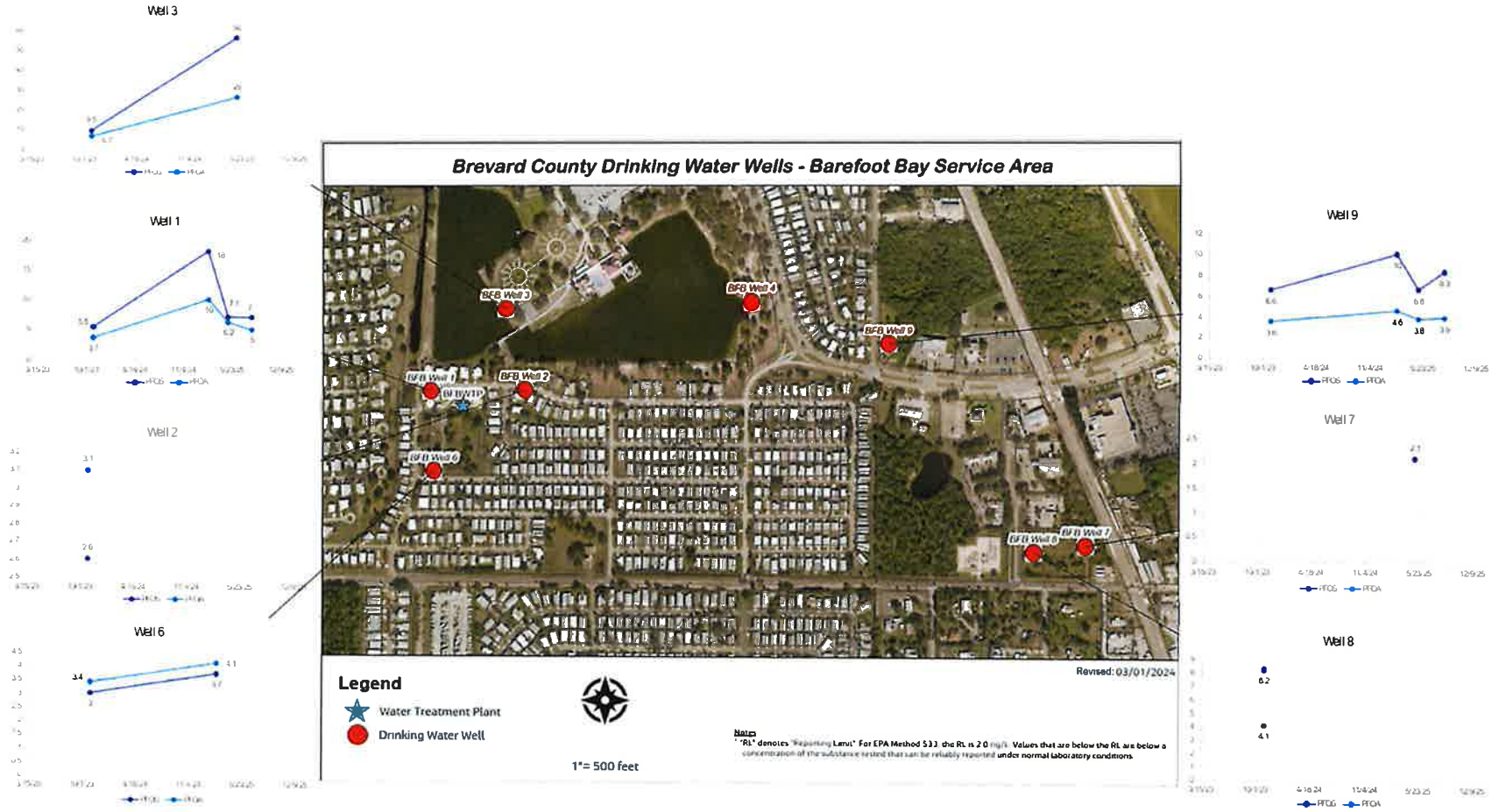


Figure 5. Summary of PFOS and PFOA Sampling Results for North Brevard

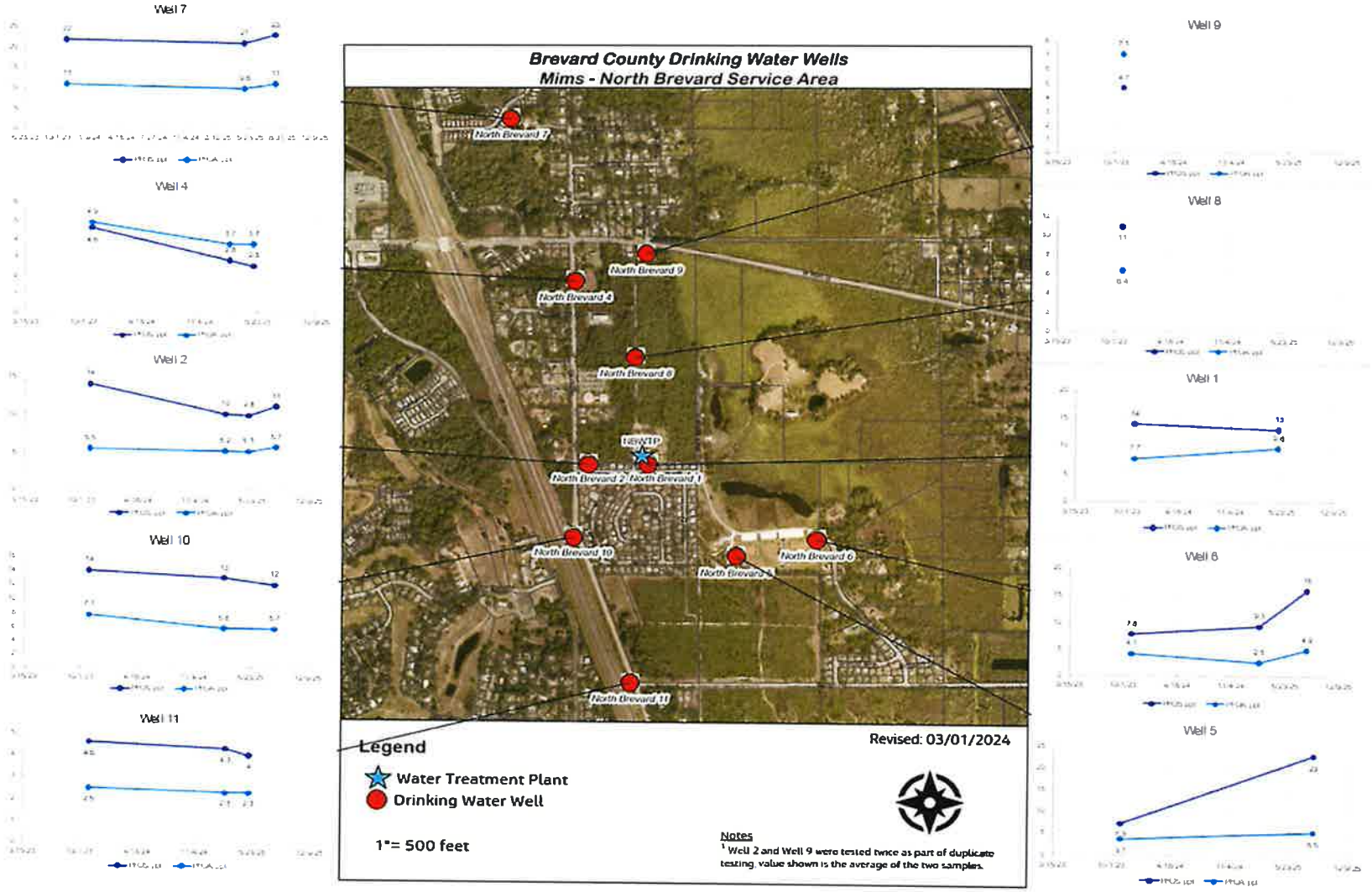
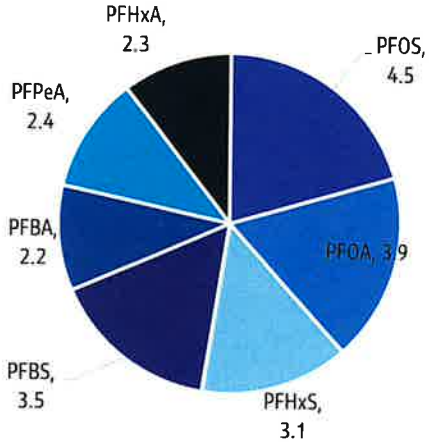


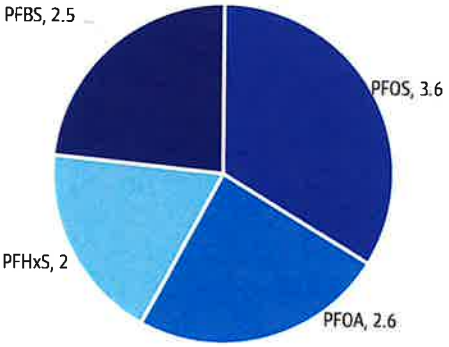
Figure 6. Summary of PFAS and PFOA Sampling Results for San Sebastian

Table 7. Barefoot Bay POE PFAS Compounds 10/3/2024 and 2/16/2025

Barefoot Bay POE 10/3/2024	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	4.5
Perfluorooctanoic acid (PFOA)	3.9
Perfluorohexanesulfonic acid (PFHxS)	3.1
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	3.5
Perfluorobutanoic acid (PFBA)	2.2
Perfluoropentanoic acid (PFPeA)	2.4
Perfluorohexanoic acid (PFHxA)	2.3
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.35



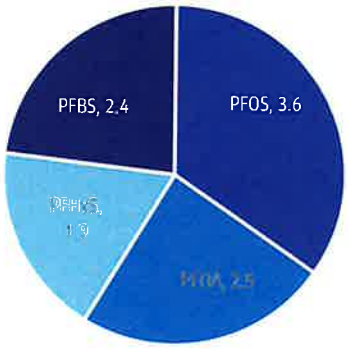
Barefoot Bay POE 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	3.6
Perfluorooctanoic acid (PFOA)	2.6
Perfluorohexanesulfonic acid (PFHxS)	2.0
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	2.5
Perfluorobutanoic acid (PFBA)	<RL[a]
Perfluoropentanoic acid (PFPeA)	<RL[a]
Perfluorohexanoic acid (PFHxA)	<RL[a]
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.22



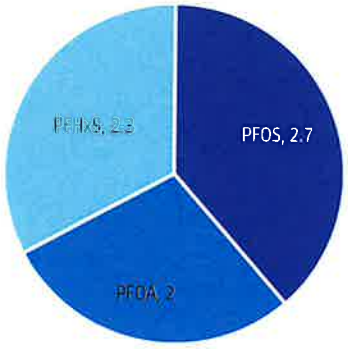
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 8. Barefoot Bay POE PFAS Compounds 5/8/2025 and 8/13/2025

Barefoot Bay POE 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	3.6
Perfluorooctanoic acid (PFOA)	2.5
Perfluorohexanesulfonic acid (PFHxS)	1.9
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	2.4
Perfluorobutanoic acid (PFBA)	<RL[a]
Perfluoropentanoic acid (PFPeA)	<RL[a]
Perfluorohexanoic acid (PFHxA)	<RL[a]
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.21



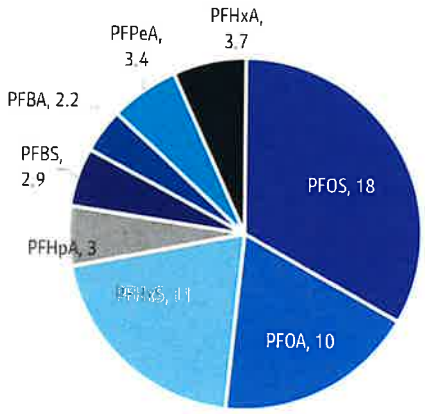
Barefoot Bay POE 8/13/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	2.7
Perfluorooctanoic acid (PFOA)	2.0
Perfluorohexanesulfonic acid (PFHxS)	2.3
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	<RL[a]
Perfluoropentanoic acid (PFPeA)	<RL[a]
Perfluorohexanoic acid (PFHxA)	<RL[a]
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.22



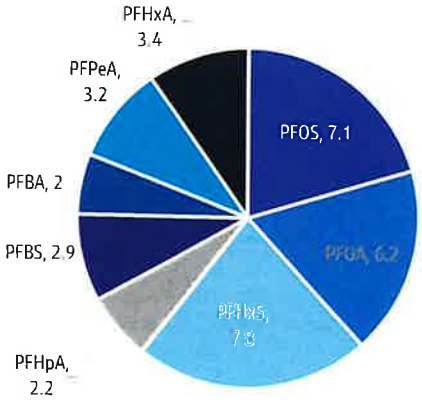
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 9. Barefoot Bay Well 1 PFAS Compounds 2/16/2025 and 5/8/2025

Barefoot Bay Well 1 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	18
Perfluorooctanoic acid (PFOA)	10
Perfluorohexanesulfonic acid (PFHxS)	11
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	3.0
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	2.9
Perfluorobutanoic acid (PFBA)	2.2
Perfluoropentanoic acid (PFPeA)	3.4
Perfluorohexanoic acid (PFHxA)	3.7
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	1.22



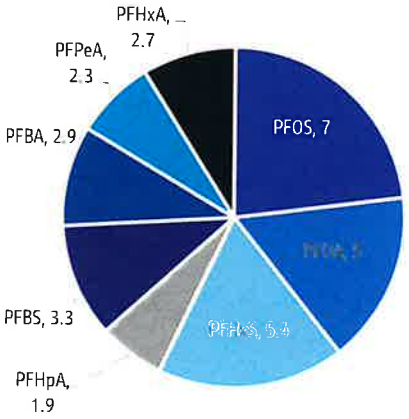
Barefoot Bay Well 1 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	7.1
Perfluorooctanoic acid (PFOA)	6.2
Perfluorohexanesulfonic acid (PFHxS)	7.8
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	2.2
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	2.9
Perfluorobutanoic acid (PFBA)	2.0
Perfluoropentanoic acid (PFPeA)	3.2
Perfluorohexanoic acid (PFHxA)	3.4
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.87



[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 10. Barefoot Bay Well1 PFAS Compounds 8/13/2025

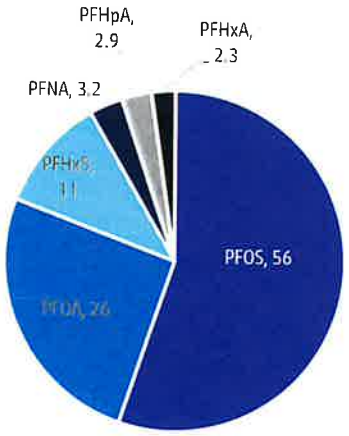
Barefoot Bay Well 1 8/13/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	7.0
Perfluorooctanoic acid (PFOA)	5.0
Perfluorohexanesulfonic acid (PFHxS)	5.4
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	1.9
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	2.2
Perfluorobutanoic acid (PFBA)	1.9
Perfluoropentanoic acid (PFPeA)	2.3
Perfluorohexanoic acid (PFHxA)	2.7
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.60



[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 11. Barefoot Bay Well 3 PFAS Compounds 5/8/2025

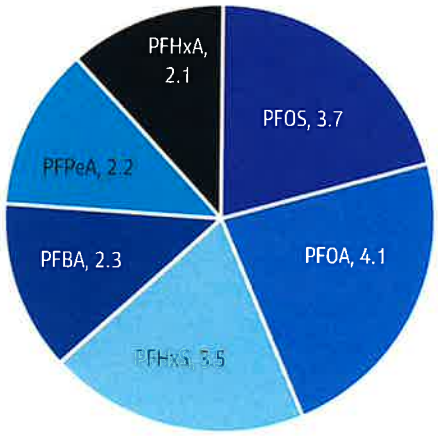
Barefoot Bay Well 3 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	56
Perfluorooctanoic acid (PFOA)	26
Perfluorohexanesulfonic acid (PFHxS)	11
Perfluorononanoic acid (PFNA)	3.2
Perfluoroheptanoic acid (PFHpA)	2.9
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	<RL[a]
Perfluoropentanoic acid (PFPeA)	<RL[a]
Perfluorohexanoic acid (PFHxA)	2.3
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	1.54



[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 12. Barefoot Bay Well 6 PFAS Compounds 2/16/2025

Barefoot Bay Well 6 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	3.7
Perfluorooctanoic acid (PFOA)	4.1
Perfluorohexanesulfonic acid (PFHxS)	3.5
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	2.3
Perfluoropentanoic acid (PFPeA)	2.2
Perfluorohexanoic acid (PFHxA)	2.1
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.39



[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

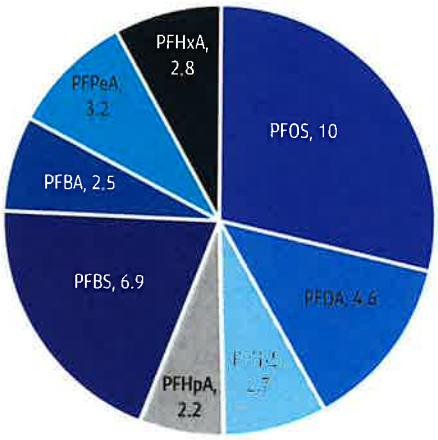
Table 13. Barefoot Bay Well 7 PFAS Compounds 5/8/2025

Barefoot Bay Well 7 5/8/2025	
Analyte (EPA Method 533)	Results (ng/L)
Perfluorooctanesulfonic acid (PFOS)	2.1
Perfluorooctanoic acid (PFOA)	<RL[a]
Perfluorohexanesulfonic acid (PFHxS)	<RL[a]
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	<RL[a]
Perfluoropentanoic acid (PFPeA)	<RL[a]
Perfluorohexanoic acid (PFHxA)	<RL[a]
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0

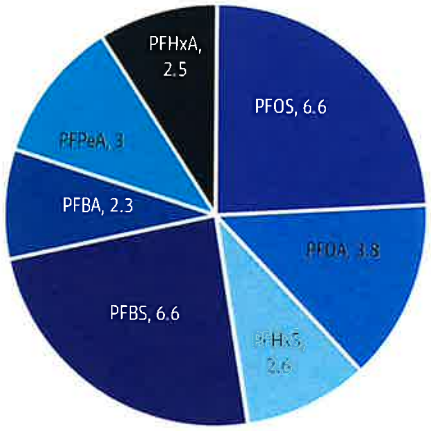
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 14. Barefoot Bay Well 9 PFAS Compounds 2/16/2025 and 5/8/2025

Barefoot Bay Well 9 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	10
Perfluorooctanoic acid (PFOA)	4.6
Perfluorohexanesulfonic acid (PFHxS)	2.7
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	2.2
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	6.9
Perfluorobutanoic acid (PFBA)	2.5
Perfluoropentanoic acid (PFPeA)	3.2
Perfluorohexanoic acid (PFHxA)	2.8
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.30



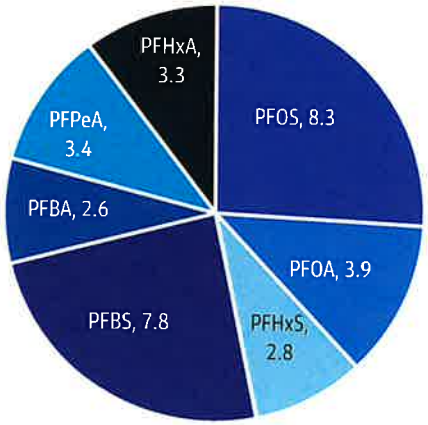
Barefoot Bay Well 9 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	6.6
Perfluorooctanoic acid (PFOA)	3.8
Perfluorohexanesulfonic acid (PFHxS)	2.6
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	6.6
Perfluorobutanoic acid (PFBA)	2.3
Perfluoropentanoic acid (PFPeA)	3.0
Perfluorohexanoic acid (PFHxA)	2.5
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.29



[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 15. Barefoot Bay Well 9 PFAS Compounds 8/13/2025

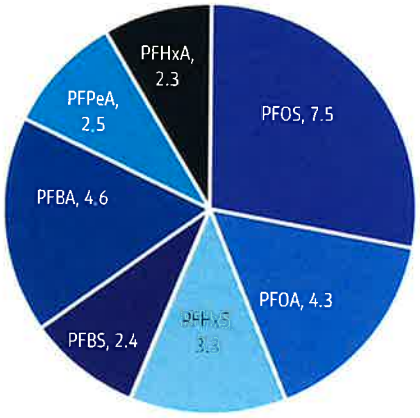
Barefoot Bay Well 9 8/13/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	8.3
Perfluorooctanoic acid (PFOA)	3.9
Perfluorohexanesulfonic acid (PFHxS)	2.8
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	7.8
Perfluorobutanoic acid (PFBA)	2.6
Perfluoropentanoic acid (PFPeA)	3.4
Perfluorohexanoic acid (PFHxA)	3.3
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.32



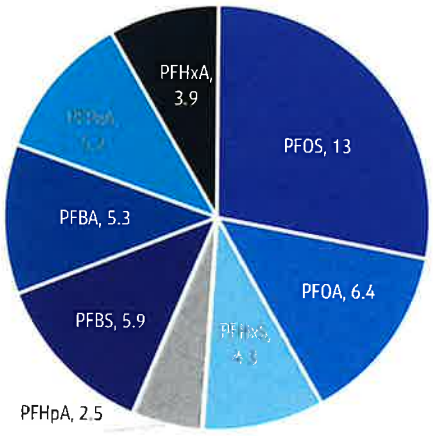
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 16. North Brevard POE PFAS Compounds 10/3/2024 and 2/16/2025

North Brevard POE 10/3/2024	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	7.5
Perfluorooctanoic acid (PFOA)	4.0
Perfluorohexanesulfonic acid (PFHxS)	3.3
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	2.4
Perfluorobutanoic acid (PFBA)	4.6
Perfluoropentanoic acid (PFPeA)	2.5
Perfluorohexanoic acid (PFHxA)	2.3
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.37



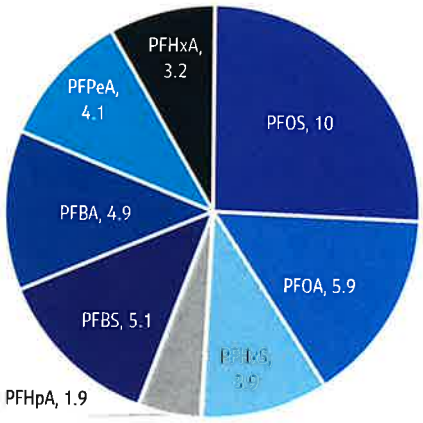
North Brevard POE 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	13
Perfluorooctanoic acid (PFOA)	6.4
Perfluorohexanesulfonic acid (PFHxS)	4.3
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	2.5
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	5.9
Perfluorobutanoic acid (PFBA)	5.3
Perfluoropentanoic acid (PFPeA)	5.2
Perfluorohexanoic acid (PFHxA)	3.9
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.48



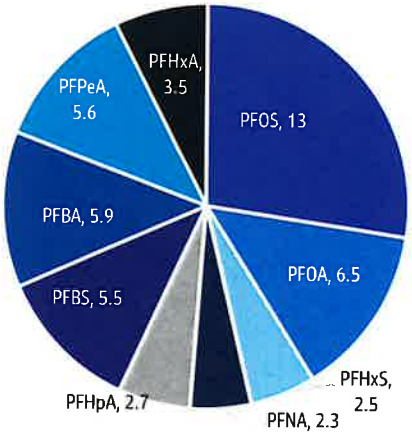
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 17. North Brevard POE PFAS Compounds 5/8/2025 and 8/13/2025

North Brevard POE 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	10
Perfluorooctanoic acid (PFOA)	5.9
Perfluorohexanesulfonic acid (PFHxS)	3.9
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	1.9
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	5.1
Perfluorobutanoic acid (PFBA)	4.9
Perfluoropentanoic acid (PFPeA)	4.1
Perfluorohexanoic acid (PFHxA)	3.2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.44



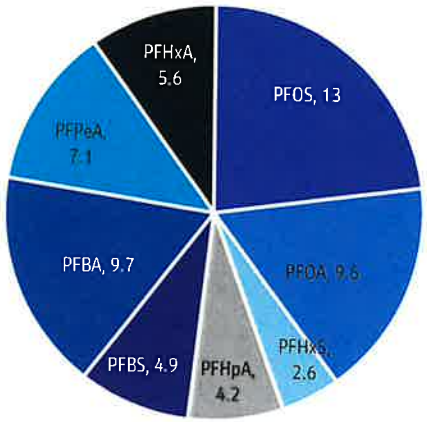
North Brevard POE 8/13/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	13
Perfluorooctanoic acid (PFOA)	6.5
Perfluorohexanesulfonic acid (PFHxS)	2.5
Perfluorononanoic acid (PFNA)	2.3
Perfluoroheptanoic acid (PFHpA)	2.7
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	5.5
Perfluorobutanoic acid (PFBA)	5.9
Perfluoropentanoic acid (PFPeA)	5.6
Perfluorohexanoic acid (PFHxA)	4.5
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.51



[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 18. North Brevard Well 1 PFAS Compounds 5/8/2025

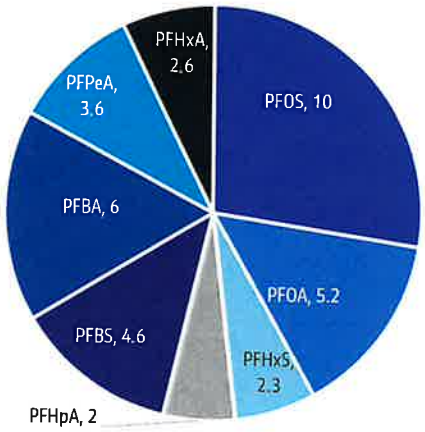
North Brevard Well 1 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	13
Perfluorooctanoic acid (PFOA)	9.6
Perfluorohexanesulfonic acid (PFHxS)	2.6
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	4.2
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	4.9
Perfluorobutanoic acid (PFBA)	9.7
Perfluoropentanoic acid (PFPeA)	7.1
Perfluorohexanoic acid (PFHxA)	5.6
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.29



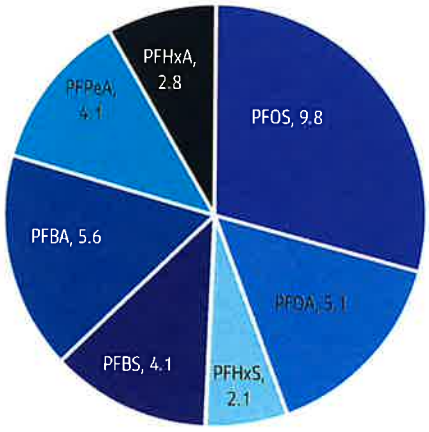
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 19. North Brevard Well 2 PFAS Compounds 2/16/2025 and 5/8/2025

North Brevard Well 2 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	10
Perfluorooctanoic acid (PFOA)	5.2
Perfluorohexanesulfonic acid (PFHxS)	2.3
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	2.0
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	4.6
Perfluorobutanoic acid (PFBA)	6.0
Perfluoropentanoic acid (PFPeA)	3.6
Perfluorohexanoic acid (PFHxA)	2.6
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.26



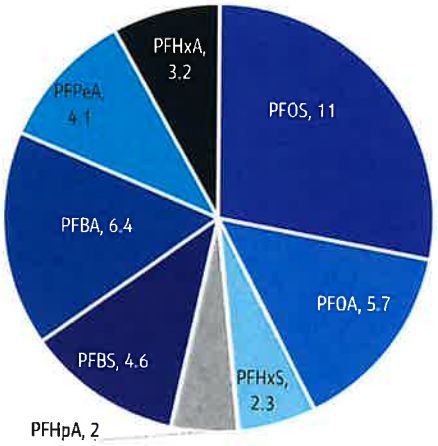
North Brevard Well 2 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	9.8
Perfluorooctanoic acid (PFOA)	5.1
Perfluorohexanesulfonic acid (PFHxS)	2.1
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	4.1
Perfluorobutanoic acid (PFBA)	5.6
Perfluoropentanoic acid (PFPeA)	4.1
Perfluorohexanoic acid (PFHxA)	2.8
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.24



[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 20. North Brevard Well 2 PFAS Compounds 8/13/2025

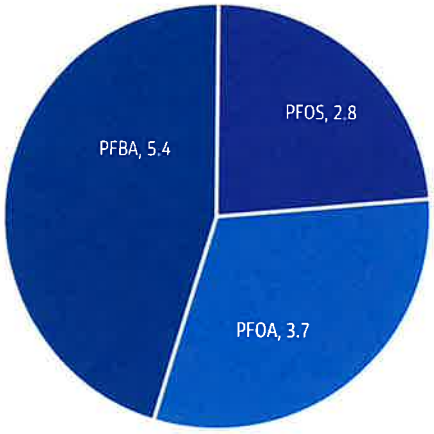
North Brevard Well 2 8/13/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	11
Perfluorooctanoic acid (PFOA)	5.7
Perfluorohexanesulfonic acid (PFHxS)	2.3
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	2.0
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	4.6
Perfluorobutanoic acid (PFBA)	6.4
Perfluoropentanoic acid (PFPeA)	4.1
Perfluorohexanoic acid (PFHxA)	3.2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.26



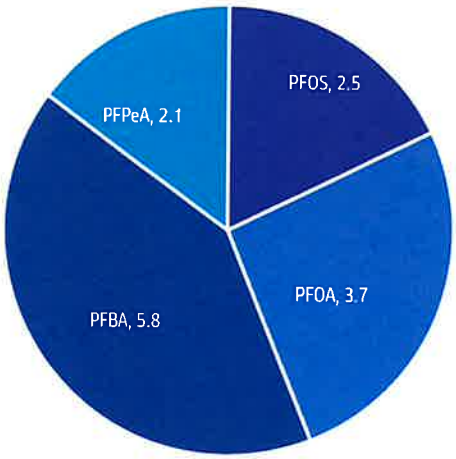
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 21. North Brevard Well 4 PFAS Compounds 2/16/2025 and 5/8/2025

North Brevard Well 4 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	2.8
Perfluorooctanoic acid (PFOA)	3.7
Perfluorohexanesulfonic acid (PFHxS)	<RL[a]
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	5.4
Perfluoropentanoic acid (PFPeA)	<RL[a]
Perfluorohexanoic acid (PFHxA)	<RL[a]
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0



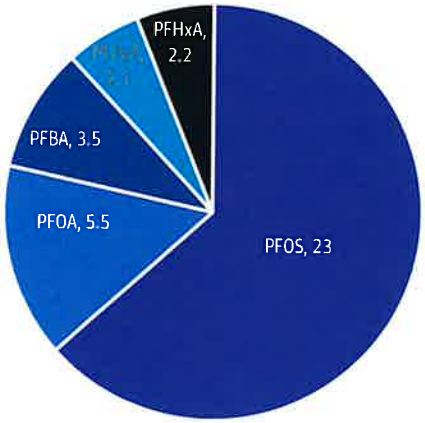
North Brevard Well 4 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	2.5
Perfluorooctanoic acid (PFOA)	3.7
Perfluorohexanesulfonic acid (PFHxS)	<RL[a]
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	5.8
Perfluoropentanoic acid (PFPeA)	2.1
Perfluorohexanoic acid (PFHxA)	<RL[a]
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0



[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 22. North Brevard Well 5 PFAS Compounds 8/13/2025

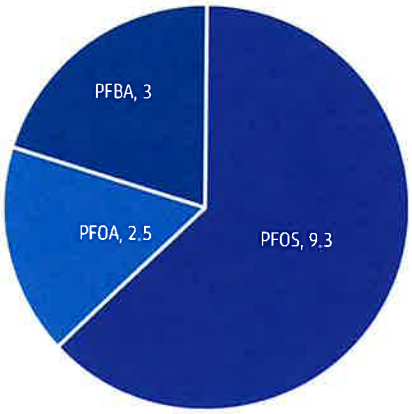
North Brevard Well 5 8/13/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	23
Perfluorooctanoic acid (PFOA)	5.5
Perfluorohexanesulfonic acid (PFHxS)	<RL[a]
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	3.5
Perfluoropentanoic acid (PFPeA)	2.1
Perfluorohexanoic acid (PFHxA)	2.2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0



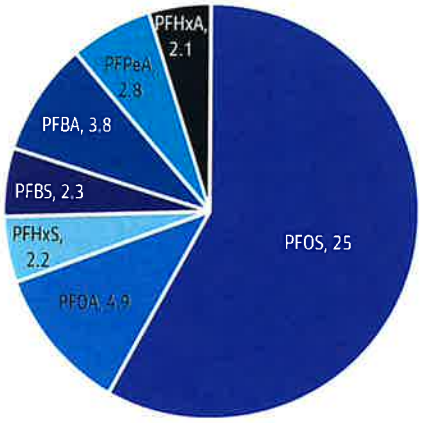
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 23. North Brevard Well 6 PFAS Compounds 2/16/2025 and 8/13/2025

North Brevard Well 6 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	9.3
Perfluorooctanoic acid (PFOA)	2.5
Perfluorohexanesulfonic acid (PFHxS)	<RL[a]
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	3.0
Perfluoropentanoic acid (PFPeA)	<RL[a]
Perfluorohexanoic acid (PFHxA)	<RL[a]
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0



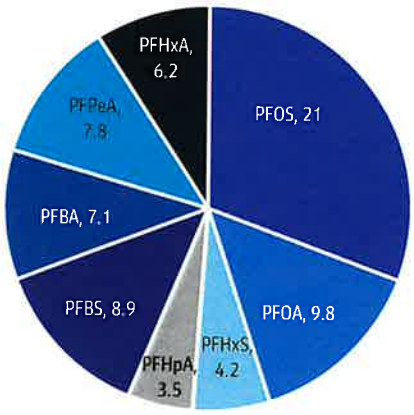
North Brevard Well 6 8/13/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	26
Perfluorooctanoic acid (PFOA)	4.9
Perfluorohexanesulfonic acid (PFHxS)	2.2
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	2.3
Perfluorobutanoic acid (PFBA)	3.8
Perfluoropentanoic acid (PFPeA)	2.8
Perfluorohexanoic acid (PFHxA)	2.1
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.25



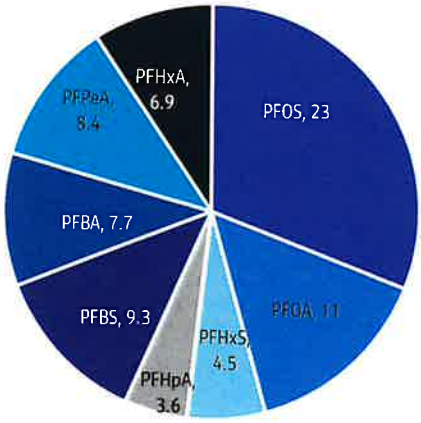
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 24. North Brevard Well 7 PFAS Compounds 5/15/2025 and 8/13/2025

North Brevard Well 7 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	21
Perfluorooctanoic acid (PFOA)	9.8
Perfluorohexanesulfonic acid (PFHxS)	4.2
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	3.5
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	8.9
Perfluorobutanoic acid (PFBA)	7.1
Perfluoropentanoic acid (PFPeA)	7.8
Perfluorohexanoic acid (PFHxA)	6.2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.47



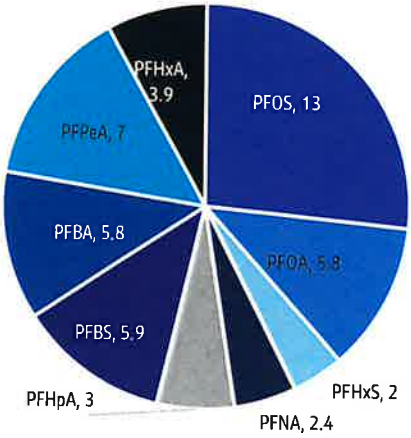
North Brevard Well 7 8/13/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	23
Perfluorooctanoic acid (PFOA)	11
Perfluorohexanesulfonic acid (PFHxS)	4.5
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	3.6
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	9.3
Perfluorobutanoic acid (PFBA)	7.7
Perfluoropentanoic acid (PFPeA)	8.4
Perfluorohexanoic acid (PFHxA)	6.9
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.50



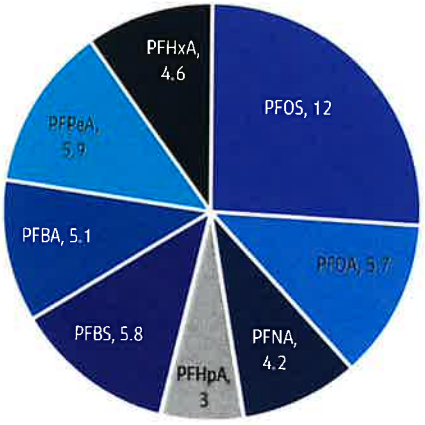
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 25. North Brevard Well 10 PFAS Compounds 2/16/2025 and 8/13/2025

North Brevard Well 10 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	13
Perfluorooctanoic acid (PFOA)	5.8
Perfluorohexanesulfonic acid (PFHxS)	2.0
Perfluorononanoic acid (PFNA)	2.4
Perfluoroheptanoic acid (PFHpA)	3.0
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	5.9
Perfluorobutanoic acid (PFBA)	5.8
Perfluoropentanoic acid (PFPeA)	7.0
Perfluorohexanoic acid (PFHxA)	3.9
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.47



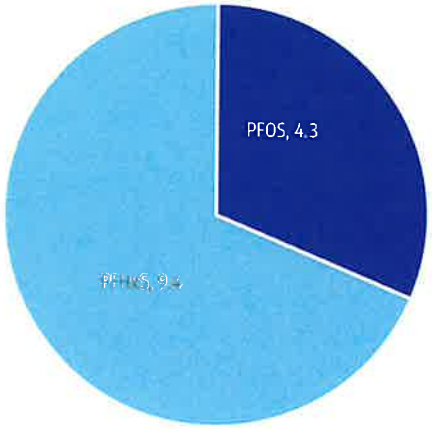
North Brevard Well 10 8/13/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	12
Perfluorooctanoic acid (PFOA)	5.7
Perfluorohexanesulfonic acid (PFHxS)	<RL[a]
Perfluorononanoic acid (PFNA)	4.2
Perfluoroheptanoic acid (PFHpA)	3.0
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	5.8
Perfluorobutanoic acid (PFBA)	5.1
Perfluoropentanoic acid (PFPeA)	5.9
Perfluorohexanoic acid (PFHxA)	4.6
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	0.42



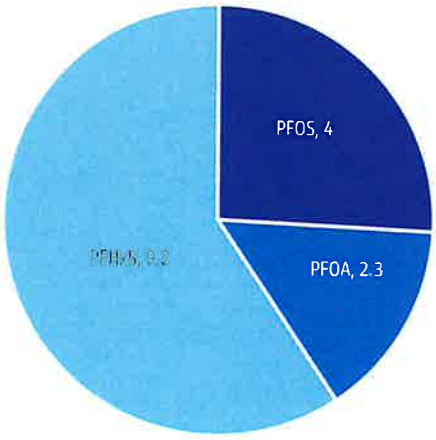
[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

Table 26. North Brevard Well 11 PFAS Compounds 2/16/2025 and 5/8/2025

North Brevard Well 11 2/16/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	4.3
Perfluorooctanoic acid (PFOA)	<RL[a]
Perfluorohexanesulfonic acid (PFHxS)	9.4
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	<RL[a]
Perfluoropentanoic acid (PFPeA)	<RL[a]
Perfluorohexanoic acid (PFHxA)	<RL[a]
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	1.04



North Brevard Well 11 5/8/2025	
Analyte (EPA Method 533)	**Results (ng/L)**
Perfluorooctanesulfonic acid (PFOS)	4.0
Perfluorooctanoic acid (PFOA)	2.3
Perfluorohexanesulfonic acid (PFHxS)	9.2
Perfluorononanoic acid (PFNA)	<RL[a]
Perfluoroheptanoic acid (PFHpA)	<RL[a]
Perfluorodecanoic acid (PFDA)	<RL[a]
Perfluorobutanesulfonic acid (PFBS)	<RL[a]
Perfluorobutanoic acid (PFBA)	<RL[a]
Perfluoropentanoic acid (PFPeA)	<RL[a]
Perfluorohexanoic acid (PFHxA)	<RL[a]
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<RL[a]
Hazard Index (HI)	1.02



[a] "RL" denotes "Reporting Limit." For EPA Method 533, this is 2.0 ng/L. Values that are less than the reporting limit are lower than a concentration of the substance tested that can be reliably reported under normal laboratory conditions.

4. Discussion and Next Steps

Both Barefoot Bay and North Brevard had detectable limits of PFAS compounds at levels greater than the EPA's MCL at each POE. Barefoot Bay Well 3 showed a significant increase in PFOS compounds from the October 31, 2023 sampling event to the February 16, 2025 sampling event, from 9.5 ng/L to 56 ng/L. PFOA for this well also saw an increase during this time from 6.7 ng/L to 26 ng/L. At the other sampling times, Well 3 was not running and could not be sampled for further analysis. At North Brevard, Wells 5 and 7 had the highest PFOS values at 23 ng/L during samplings. Well 5 saw an increase from the October 31, 2025 samples to the August 13, 2025 samples. Well 7 had consistently high values throughout the sampling events. These wells should continue to be monitored based on the high PFAS compounds. However, because the HI at the POE for each system is less than 1, water quality is currently within the EPA's regulatory limits for PFHxS, PFNA, HFPO-DA, and PFBS.

Based on the results summarized in this technical memorandum, Jacobs recommends the following actions and next steps:

- Continue monitoring PFAS in Well 3 at Barefoot Bay and Wells 5 and 7 at North Brevard at a minimum, if not all wells.
- Continue monitoring POE PFAS compounds into fiscal year 2026.
- Explore temporary treatment methods to reduce levels of PFAS at the POE such as switching to granular activated carbon filtration to decrease PFAS levels.
- Explore options for avoidance by decommissioning certain production wells and explore opportunities for new production wells. This approach may be considered for Barefoot Bay in particular.

Attachment 1
Lab Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Raul Alfaro
Jacobs Engineering Group, Inc.
550 West Cypress Creek Road
Suite 400
Fort Lauderdale, Florida 33309

Generated 10/11/2024 2:58:52 AM

JOB DESCRIPTION

PFAS by 533: Deerfield Beach, FL

JOB NUMBER

810-122976-1

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend IN 46617

See page two for job notes and contact information.

Eurofins Eaton Analytical South Bend

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization

Generated
10/11/2024 2:58:52 AM

Authorized for release by
Joe Mattheis, Project Manager I
Joe.Mattheis@et.eurofinsus.com
(574)233-4777

Table of Contents

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: PFAS by 533: Deerfield Beach, FL

Job ID: 810-122976-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 810-122976-1 — Eurofins Eaton Analytical South Bend

Job Narrative
810-122976-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/4/2024 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.2°C.

Receipt Exceptions
The following sample(s) was received at the laboratory outside the required temperature criteria: 7.4This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to <CHOOSE_ONE> proceed with/cancel analysis.

PFAS
Method 533: The pH of the following sample was adjusted to pH 7.5 in the laboratory: Mims (810-122976-1)

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: San Sebastian (810-122976-3) and Barefoot Bay (810-122976-5)

Method 533: Isotope Dilution Analyte (IDA) recovery is below the method 533 recommended limit for the following sample: (810-122976-B-1-A DU). 13C6 PFDA (48%) and 13C7 PFUnA (47%) failed low. Limit 50-200%. These IDAs passed in the parent sample, and all analyte RPDs meet method requirements. Results should not be affected.

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: Mims Blank (810-122976-2) and Barefoot Bay Blank (810-122976-6)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: PFAS by 533: Deerfield Beach, FL

Job ID: 810-122976-1

Client Sample ID: Mims — Lab Sample ID: 810-122976-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.6		1.9	0.51	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	2.5		1.9	0.37	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.3		1.9	0.41	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.6	J	1.9	0.39	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	4.0		1.9	0.37	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.79	J	1.9	0.37	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.4		1.9	0.41	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.48	J	1.9	0.36	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.3		1.9	0.38	ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	7.5		1.9	0.38	ng/L	1		533	Total/NA

Client Sample ID: Mims Blank — Lab Sample ID: 810-122976-2

No Detections.

Client Sample ID: San Sebastian — Lab Sample ID: 810-122976-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.42	J	2.0	0.37	ng/L	1		533	Total/NA

Client Sample ID: Barefoot Bay — Lab Sample ID: 810-122976-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.2		2.0	0.51	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	2.4		2.0	0.37	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.3		2.0	0.41	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.7	J	2.0	0.39	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	3.9		2.0	0.37	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	3.5		2.0	0.41	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.1		2.0	0.38	ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.5		2.0	0.38	ng/L	1		533	Total/NA

Client Sample ID: Barefoot Bay Blank — Lab Sample ID: 810-122976-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: Mims
Date Collected: 10/03/24 11:15
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-1
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**4.6**		1.9	0.51	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluoropentanoic acid (PFPeA)	**2.5**		1.9	0.37	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluorohexanoic acid (PFHxA)	**2.3**		1.9	0.41	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluoroheptanoic acid (PFHpA)	**1.6**	J	1.9	0.39	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluorooctanoic acid (PFOA)	**4.0**		1.9	0.37	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluorononanoic acid (PFNA)	**0.79**	J	1.9	0.37	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluorodecanoic acid (PFDA)	<0.35		1.9	0.35	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluoroundecanoic acid (PFUnA)	<0.37		1.9	0.37	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluorododecanoic acid (PFDoA)	<0.34		1.9	0.34	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluorobutanesulfonic acid (PFBS)	**2.4**		1.9	0.41	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluoropentanesulfonic acid (PFPeS)	**0.48**	J	1.9	0.36	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluorohexanesulfonic acid (PFHxS)	**3.3**		1.9	0.38	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		1.9	0.43	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluorooctanesulfonic acid (PFOS)	**7.5**		1.9	0.38	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		1.9	0.44	ng/L		10/07/24 09:31	10/08/24 01:16	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.54		1.9	0.54	ng/L		10/07/24 09:31	10/08/24 01:16	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		1.9	0.66	ng/L		10/07/24 09:31	10/08/24 01:16	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		10/07/24 09:31	10/08/24 01:16	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.51		1.9	0.51	ng/L		10/07/24 09:31	10/08/24 01:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		1.9	0.39	ng/L		10/07/24 09:31	10/08/24 01:16	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44		1.9	0.44	ng/L		10/07/24 09:31	10/08/24 01:16	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.50		1.9	0.50	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluoro(4-methoxybutanoic acid)	<0.34		1.9	0.34	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		1.9	0.31	ng/L		10/07/24 09:31	10/08/24 01:16	1
Perfluoro-3,6-dioxaheptanoic acid	<0.90		1.9	0.90	ng/L		10/07/24 09:31	10/08/24 01:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*102*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C5 PFPeA	*124*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C5 PFHxA	*93*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C4 PFHpA	*91*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C8 PFOA	*83*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C9 PFNA	*80*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C6 PFDA	*74*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C7 PFUnA	*71*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C2 PFDoA	*67*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C3 HFPO-DA	*87*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C3 PFBS	*83*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C8 PFOS	*98*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*
13C2-4:2-FTS	*133*		*50 - 200*	*10/07/24 09:31*	*10/08/24 01:16*	*1*

Client Sample ID: Mims
Date Collected: 10/03/24 11:15
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-1
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-6:2-FTS	100		50 - 200	10/07/24 09:31	10/08/24 01:16	1
13C2-8:2-FTS	104		50 - 200	10/07/24 09:31	10/08/24 01:16	1
13C3 PFHxS	93		50 - 200	10/07/24 09:31	10/08/24 01:16	1

Client Sample ID: Mims Blank
Date Collected: 10/03/24 11:15
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-2
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.51		2.0	0.51	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluoropentanoic acid (PFPeA)	<0.37		2.0	0.37	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluorohexanoic acid (PFHxA)	<0.41		2.0	0.41	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluoroheptanoic acid (PFHpA)	<0.39		2.0	0.39	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluorooctanoic acid (PFOA)	<0.37		2.0	0.37	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluorononanoic acid (PFNA)	<0.37		2.0	0.37	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluorodecanoic acid (PFDA)	<0.35		2.0	0.35	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluoroundecanoic acid (PFUnA)	<0.37		2.0	0.37	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluorododecanoic acid (PFDoA)	<0.34		2.0	0.34	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluorobutanesulfonic acid (PFBS)	<0.41		2.0	0.41	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.0	0.36	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluorohexanesulfonic acid (PFHxS)	<0.38		2.0	0.38	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		2.0	0.43	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluorooctanesulfonic acid (PFOS)	<0.38		2.0	0.38	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		2.0	0.44	ng/L		10/09/24 08:42	10/09/24 23:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.55		2.0	0.55	ng/L		10/09/24 08:42	10/09/24 23:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		2.0	0.66	ng/L		10/09/24 08:42	10/09/24 23:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		10/09/24 08:42	10/09/24 23:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.52		2.0	0.52	ng/L		10/09/24 08:42	10/09/24 23:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		10/09/24 08:42	10/09/24 23:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44		2.0	0.44	ng/L		10/09/24 08:42	10/09/24 23:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.50		2.0	0.50	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluoro(4-methoxybutanoic acid)	<0.34		2.0	0.34	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		2.0	0.31	ng/L		10/09/24 08:42	10/09/24 23:39	1
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		10/09/24 08:42	10/09/24 23:39	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	100		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C5 PFPeA	100		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C5 PFHxA	100		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C4 PFHpA	100		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C8 PFOA	100		50 - 200	10/09/24 08:42	10/09/24 23:39	1

Client Sample ID: Mims Blank
Date Collected: 10/03/24 11:15
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-2
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C9 PFNA	102		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C6 PFDA	103		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C7 PFUnA	104		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C2 PFDoA	103		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C3 HFPO-DA	96		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C3 PFBS	100		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C8 PFOS	100		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C2-4:2-FTS	90		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C2-6:2-FTS	98		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C2-8:2-FTS	102		50 - 200	10/09/24 08:42	10/09/24 23:39	1
13C3 PFHxS	101		50 - 200	10/09/24 08:42	10/09/24 23:39	1

Client Sample ID: San Sebastian
Date Collected: 10/03/24 08:45
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-3
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.51		2.0	0.51	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluoropentanoic acid (PFPeA)	<0.37		2.0	0.37	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluorohexanoic acid (PFHxA)	<0.41		2.0	0.41	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluoroheptanoic acid (PFHpA)	<0.39		2.0	0.39	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluorooctanoic acid (PFOA)	**0.42**	**J**	2.0	0.37	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluorononanoic acid (PFNA)	<0.37		2.0	0.37	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluorodecanoic acid (PFDA)	<0.35		2.0	0.35	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluoroundecanoic acid (PFUnA)	<0.37		2.0	0.37	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluorododecanoic acid (PFDoA)	<0.34		2.0	0.34	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluorobutanesulfonic acid (PFBS)	<0.41		2.0	0.41	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.0	0.36	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluorohexanesulfonic acid (PFHxS)	<0.38		2.0	0.38	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		2.0	0.43	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluorooctanesulfonic acid (PFOS)	<0.38		2.0	0.38	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		2.0	0.44	ng/L		10/07/24 11:02	10/08/24 08:04	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.55		2.0	0.55	ng/L		10/07/24 11:02	10/08/24 08:04	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		10/07/24 11:02	10/08/24 08:04	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		10/07/24 11:02	10/08/24 08:04	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.52		2.0	0.52	ng/L		10/07/24 11:02	10/08/24 08:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		10/07/24 11:02	10/08/24 08:04	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44		2.0	0.44	ng/L		10/07/24 11:02	10/08/24 08:04	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.50		2.0	0.50	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluoro(4-methoxybutanoic acid)	<0.34		2.0	0.34	ng/L		10/07/24 11:02	10/08/24 08:04	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		2.0	0.31	ng/L		10/07/24 11:02	10/08/24 08:04	1

Client Sample ID: San Sebastian

Date Collected: 10/03/24 08:45
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-3
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		10/07/24 11:02	10/08/24 08:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C5 PFPeA	*122*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C5 PFHxA	*98*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C4 PFHpA	*96*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C8 PFOA	*92*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C9 PFNA	*89*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C6 PFDA	*90*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C7 PFUnA	*92*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C2 PFDoA	*86*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C3 HFPO-DA	*94*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C3 PFBS	*91*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C8 PFOS	*102*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C2-4:2-FTS	*132*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C2-6:2-FTS	*101*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C2-8:2-FTS	*106*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*
13C3 PFHxS	*96*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:04*	*1*

Client Sample ID: Barefoot Bay

Date Collected: 10/03/24 08:30
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-5
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.2**		2.0	0.51	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluoropentanoic acid (PFPeA)	**2.4**		2.0	0.37	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluorohexanoic acid (PFHxA)	**2.3**		2.0	0.41	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluoroheptanoic acid (PFHpA)	**1.7**	J	2.0	0.39	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluorooctanoic acid (PFOA)	**3.9**		2.0	0.37	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluorononanoic acid (PFNA)	<0.37		2.0	0.37	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluorodecanoic acid (PFDA)	<0.35		2.0	0.35	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluoroundecanoic acid (PFUnA)	<0.37		2.0	0.37	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluorododecanoic acid (PFDoA)	<0.34		2.0	0.34	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluorobutanesulfonic acid (PFBS)	**3.5**		2.0	0.41	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.0	0.36	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluorohexanesulfonic acid (PFHxS)	**3.1**		2.0	0.38	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		2.0	0.43	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluorooctanesulfonic acid (PFOS)	**4.5**		2.0	0.38	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		2.0	0.44	ng/L		10/07/24 11:02	10/08/24 08:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.55		2.0	0.55	ng/L		10/07/24 11:02	10/08/24 08:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		2.0	0.66	ng/L		10/07/24 11:02	10/08/24 08:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		10/07/24 11:02	10/08/24 08:17	1

Client Sample ID: Barefoot Bay
Date Collected: 10/03/24 08:30
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-5
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.52		2.0	0.52	ng/L		10/07/24 11:02	10/08/24 08:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		10/07/24 11:02	10/08/24 08:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44		2.0	0.44	ng/L		10/07/24 11:02	10/08/24 08:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.50		2.0	0.50	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluoro(4-methoxybutanoic acid)	<0.34		2.0	0.34	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		2.0	0.31	ng/L		10/07/24 11:02	10/08/24 08:17	1
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		10/07/24 11:02	10/08/24 08:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*104*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C5 PFPeA	*121*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C5 PFHxA	*98*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C4 PFHpA	*93*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C8 PFOA	*83*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C9 PFNA	*82*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C6 PFDA	*85*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C7 PFUnA	*92*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C2 PFDoA	*93*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C3 HFPO-DA	*91*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C3 PFBS	*88*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C8 PFOS	*102*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C2-4:2-FTS	*129*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C2-6:2-FTS	*97*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C2-8:2-FTS	*106*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*
13C3 PFHxS	*97*		*50 - 200*	*10/07/24 11:02*	*10/08/24 08:17*	*1*

Client Sample ID: Barefoot Bay Blank
Date Collected: 10/03/24 08:30
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-6
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.49		1.9	0.49	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluoropentanoic acid (PFPeA)	<0.36		1.9	0.36	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluorohexanoic acid (PFHxA)	<0.39		1.9	0.39	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluoroheptanoic acid (PFHpA)	<0.38		1.9	0.38	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluorooctanoic acid (PFOA)	<0.36		1.9	0.36	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluorononanoic acid (PFNA)	<0.36		1.9	0.36	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluorodecanoic acid (PFDA)	<0.34		1.9	0.34	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluoroundecanoic acid (PFUnA)	<0.36		1.9	0.36	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluorododecanoic acid (PFDoA)	<0.33		1.9	0.33	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluorobutanesulfonic acid (PFBS)	<0.39		1.9	0.39	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluoropentanesulfonic acid (PFPeS)	<0.35		1.9	0.35	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluorohexanesulfonic acid (PFHxS)	<0.37		1.9	0.37	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.41		1.9	0.41	ng/L		10/09/24 08:42	10/09/24 23:52	1

Client Sample ID: Barefoot Bay Blank
Date Collected: 10/03/24 08:30
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-6
Matrix: Drinking Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	<0.37		1.9	0.37	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.42		1.9	0.42	ng/L		10/09/24 08:42	10/09/24 23:52	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.53		1.9	0.53	ng/L		10/09/24 08:42	10/09/24 23:52	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.64		1.9	0.64	ng/L		10/09/24 08:42	10/09/24 23:52	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.53		1.9	0.53	ng/L		10/09/24 08:42	10/09/24 23:52	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.50		1.9	0.50	ng/L		10/09/24 08:42	10/09/24 23:52	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/09/24 08:42	10/09/24 23:52	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.42		1.9	0.42	ng/L		10/09/24 08:42	10/09/24 23:52	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.48		1.9	0.48	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluoro(4-methoxybutanoic acid)	<0.33		1.9	0.33	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.30		1.9	0.30	ng/L		10/09/24 08:42	10/09/24 23:52	1
Perfluoro-3,6-dioxaheptanoic acid	<0.87		1.9	0.87	ng/L		10/09/24 08:42	10/09/24 23:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*100*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C5 PFPeA	*98*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C5 PFHxA	*97*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C4 PFHpA	*97*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C8 PFOA	*96*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C9 PFNA	*100*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C6 PFDA	*104*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C7 PFUnA	*102*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C2 PFDoA	*102*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C3 HFPO-DA	*93*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C3 PFBS	*101*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C8 PFOS	*98*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C2-4:2-FTS	*87*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C2-6:2-FTS	*96*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C2-8:2-FTS	*102*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*
13C3 PFHxS	*101*		*50 - 200*	*10/09/24 08:42*	*10/09/24 23:52*	*1*

Isotope Dilution Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: PFAS by 533: Deerfield Beach, FL

Job ID: 810-122976-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Drinking Water | **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (50-200)	PFPeA (50-200)	13C5PHA (50-200)	C4PFHA (50-200)	C8PFOA (50-200)	C9PFNA (50-200)	C6PFDA (50-200)	13C7PUA (50-200)
810-122976-1	Mims	102	124	93	91	83	80	74	71
810-122976-1 DU	Mims	103	121	90	89	69	55	48 *5-	47 *5-
810-122976-2	Mims Blank	100	100	100	100	100	102	103	104
810-122976-3	San Sebastian	104	122	98	96	92	89	90	92
810-122976-5	Barefoot Bay	104	121	98	93	83	82	85	92
810-122976-6	Barefoot Bay Blank	100	98	97	97	96	100	104	102
LCS 810-117768/3-A	Lab Control Sample	95	96	93	95	98	100	100	99
LCS 810-118074/3-A	Lab Control Sample	92	93	91	92	94	92	92	91
LLCS 810-117740/2-A	Lab Control Sample	97	96	91	96	97	98	94	94
LLCS 810-117768/2-A	Lab Control Sample	96	97	89	90	95	99	95	98
LLCS 810-118074/2-A	Lab Control Sample	99	99	98	98	97	100	97	96
MBL 810-117740/1-A	Method Blank	94	94	89	91	95	95	98	92
MBL 810-117768/1-A	Method Blank	96	98	91	95	96	101	99	102
MBL 810-118074/1-A	Method Blank	99	100	98	98	97	99	98	98

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (50-200)	HFPODA (50-200)	C3PFBS (50-200)	C8PFOS (50-200)	42FTS (50-200)	62FTS (50-200)	82FTS (50-200)	C3PFHS (50-200)
810-122976-1	Mims	67	87	83	98	133	100	104	93
810-122976-1 DU	Mims	51	84	85	98	139	105	106	97
810-122976-2	Mims Blank	103	96	100	100	90	98	102	101
810-122976-3	San Sebastian	86	94	91	102	132	101	106	96
810-122976-5	Barefoot Bay	93	91	88	102	129	97	106	97
810-122976-6	Barefoot Bay Blank	102	93	101	98	87	96	102	101
LCS 810-117768/3-A	Lab Control Sample	98	91	104	103	101	104	104	102
LCS 810-118074/3-A	Lab Control Sample	89	93	94	99	109	115	104	96
LLCS 810-117740/2-A	Lab Control Sample	91	89	99	98	88	95	103	96
LLCS 810-117768/2-A	Lab Control Sample	101	86	105	104	92	101	113	102
LLCS 810-118074/2-A	Lab Control Sample	97	95	101	97	92	97	101	99
MBL 810-117740/1-A	Method Blank	88	85	103	100	90	98	103	98
MBL 810-117768/1-A	Method Blank	99	89	102	100	87	97	106	98
MBL 810-118074/1-A	Method Blank	99	94	101	99	94	104	103	101

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDoA = 13C2 PFDoA
HFPODA = 13C3 HFPO-DA
C3PFBS = 13C3 PFBS
C8PFOS = 13C8 PFOS
42FTS = 13C2-4:2-FTS
62FTS = 13C2-6:2-FTS
82FTS = 13C2-8:2-FTS
C3PFHS = 13C3 PFHxS

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MBL 810-117740/1-A
Matrix: Drinking Water
Analysis Batch: 117797

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117740

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluoropentanoic acid (PFPeA)	<0.38		2.0	0.38	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluorohexanoic acid (PFHxA)	<0.42		2.0	0.42	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluoroheptanoic acid (PFHpA)	<0.40		2.0	0.40	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluorooctanoic acid (PFOA)	<0.38		2.0	0.38	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluorononanoic acid (PFNA)	<0.38		2.0	0.38	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluorobutanesulfonic acid (PFBS)	<0.42		2.0	0.42	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.0	0.37	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluorohexanesulfonic acid (PFHxS)	<0.39		2.0	0.39	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluorooctanesulfonic acid (PFOS)	<0.39		2.0	0.39	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45		2.0	0.45	ng/L		10/07/24 09:31	10/08/24 00:22	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		10/07/24 09:31	10/08/24 00:22	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		10/07/24 09:31	10/08/24 00:22	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		10/07/24 09:31	10/08/24 00:22	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		10/07/24 09:31	10/08/24 00:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		10/07/24 09:31	10/08/24 00:22	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		10/07/24 09:31	10/08/24 00:22	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		10/07/24 09:31	10/08/24 00:22	1
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		10/07/24 09:31	10/08/24 00:22	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C5 PFPeA	*94*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C5 PFHxA	*89*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C4 PFHpA	*91*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C8 PFOA	*95*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C9 PFNA	*95*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C6 PFDA	*98*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C7 PFUnA	*92*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C2 PFDoA	*88*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C3 HFPO-DA	*85*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C3 PFBS	*103*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C8 PFOS	*100*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*
13C2-4:2-FTS	*90*		*50 - 200*	*10/07/24 09:31*	*10/08/24 00:22*	*1*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-117740/1-A
Matrix: Drinking Water
Analysis Batch: 117797

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117740

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-6:2-FTS	98		50 - 200	10/07/24 09:31	10/08/24 00:22	1
13C2-8:2-FTS	103		50 - 200	10/07/24 09:31	10/08/24 00:22	1
13C3 PFHxS	98		50 - 200	10/07/24 09:31	10/08/24 00:22	1

Lab Sample ID: LLCS 810-117740/2-A
Matrix: Drinking Water
Analysis Batch: 117797

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117740

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	1.85	J	ng/L		93	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.90	J	ng/L		95	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.97	J	ng/L		99	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.89	J	ng/L		95	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.75	J	ng/L		88	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.75	J	ng/L		88	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.02		ng/L		101	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.98	J	ng/L		99	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.92	J	ng/L		96	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.66	J	ng/L		93	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.75	J	ng/L		93	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.66	J	ng/L		91	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.61	J	ng/L		84	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.76	J	ng/L		95	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.41	J	ng/L		79	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.83	J	ng/L		97	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.71	J	ng/L		90	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.68	J	ng/L		88	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.96	J	ng/L		98	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.77	J	ng/L		94	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.71	J	ng/L		92	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.66	J	ng/L		88	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.91	J	ng/L		96	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.89	J	ng/L		94	50 - 150
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.90	J	ng/L		95	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C4 PFBA	97		50 - 200
13C5 PFPeA	96		50 - 200
13C5 PFHxA	91		50 - 200
13C4 PFHpA	96		50 - 200
13C8 PFOA	97		50 - 200
13C9 PFNA	98		50 - 200
13C6 PFDA	94		50 - 200
13C7 PFUnA	94		50 - 200
13C2 PFDoA	91		50 - 200
13C3 HFPO-DA	89		50 - 200
13C3 PFBS	99		50 - 200
13C8 PFOS	98		50 - 200
13C2-4:2-FTS	88		50 - 200
13C2-6:2-FTS	95		50 - 200
13C2-8:2-FTS	103		50 - 200
13C3 PFHxS	96		50 - 200

Lab Sample ID: 810-122976-1 DU
Matrix: Drinking Water
Analysis Batch: 117797

Client Sample ID: Mims
Prep Type: Total/NA
Prep Batch: 117740

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	4.6		4.89		ng/L		6	30
Perfluoropentanoic acid (PFPeA)	2.5		2.46		ng/L		3	30
Perfluorohexanoic acid (PFHxA)	2.3		2.17		ng/L		4	30
Perfluoroheptanoic acid (PFHpA)	1.6	J	1.57	J	ng/L		1	30
Perfluorooctanoic acid (PFOA)	4.0		4.33		ng/L		8	30
Perfluorononanoic acid (PFNA)	0.79	J	0.897	J	ng/L		13	30
Perfluorodecanoic acid (PFDA)	<0.35		<0.35		ng/L		NC	30
Perfluoroundecanoic acid (PFUnA)	<0.37		<0.37		ng/L		NC	30
Perfluorododecanoic acid (PFDoA)	<0.34		<0.34		ng/L		NC	30
Perfluorobutanesulfonic acid (PFBS)	2.4		2.38		ng/L		0.9	30
Perfluoropentanesulfonic acid (PFPeS)	0.48	J	0.457	J	ng/L		5	30
Perfluorohexanesulfonic acid (PFHxS)	3.3		3.19		ng/L		2	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		<0.43		ng/L		NC	30
Perfluorooctanesulfonic acid (PFOS)	7.5		7.67		ng/L		2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		<0.44		ng/L		NC	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.54		<0.55		ng/L		NC	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		<0.66		ng/L		NC	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		<0.56		ng/L		NC	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.51		<0.52		ng/L		NC	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		<0.39		ng/L		NC	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-122976-1 DU
Matrix: Drinking Water
Analysis Batch: 117797

Client Sample ID: Mims
Prep Type: Total/NA
Prep Batch: 117740

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44		<0.44		ng/L		NC	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.50		<0.50		ng/L		NC	30
Perfluoro(4-methoxybutanoic acid)	<0.34		<0.34		ng/L		NC	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		<0.31		ng/L		NC	30
Perfluoro-3,6-dioxaheptanoic acid	<0.90		<0.91		ng/L		NC	30

Isotope Dilution	*DU %Recovery*	*DU Qualifier*	*Limits*
13C4 PFBA	*103*		*50 - 200*
13C5 PFPeA	*121*		*50 - 200*
13C5 PFHxA	*90*		*50 - 200*
13C4 PFHpA	*89*		*50 - 200*
13C8 PFOA	*69*		*50 - 200*
13C9 PFNA	*55*		*50 - 200*
13C6 PFDA	*48*	**5-*	*50 - 200*
13C7 PFUnA	*47*	**5-*	*50 - 200*
13C2 PFDoA	*51*		*50 - 200*
13C3 HFPO-DA	*84*		*50 - 200*
13C3 PFBS	*85*		*50 - 200*
13C8 PFOS	*98*		*50 - 200*
13C2-4:2-FTS	*139*		*50 - 200*
13C2-6:2-FTS	*105*		*50 - 200*
13C2-8:2-FTS	*106*		*50 - 200*
13C3 PFHxS	*97*		*50 - 200*

Lab Sample ID: MBL 810-117768/1-A
Matrix: Drinking Water
Analysis Batch: 117777

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117768

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluoropentanoic acid (PFPeA)	<0.38		2.0	0.38	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluorohexanoic acid (PFHxA)	<0.42		2.0	0.42	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluoroheptanoic acid (PFHpA)	<0.40		2.0	0.40	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluorooctanoic acid (PFOA)	<0.38		2.0	0.38	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluorononanoic acid (PFNA)	<0.38		2.0	0.38	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluorobutanesulfonic acid (PFBS)	<0.42		2.0	0.42	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.0	0.37	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluorohexanesulfonic acid (PFHxS)	<0.39		2.0	0.39	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluorooctanesulfonic acid (PFOS)	<0.39		2.0	0.39	ng/L		10/07/24 11:02	10/08/24 06:29	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-117768/1-A
Matrix: Drinking Water
Analysis Batch: 117777

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117768

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45		2.0	0.45	ng/L		10/07/24 11:02	10/08/24 06:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		10/07/24 11:02	10/08/24 06:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		10/07/24 11:02	10/08/24 06:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		10/07/24 11:02	10/08/24 06:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		10/07/24 11:02	10/08/24 06:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		10/07/24 11:02	10/08/24 06:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		10/07/24 11:02	10/08/24 06:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		10/07/24 11:02	10/08/24 06:29	1
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		10/07/24 11:02	10/08/24 06:29	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C5 PFPeA	*98*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C5 PFHxA	*91*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C4 PFHpA	*95*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C8 PFOA	*96*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C9 PFNA	*101*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C6 PFDA	*99*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C7 PFUnA	*102*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C2 PFDoA	*99*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C3 HFPO-DA	*89*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C3 PFBS	*102*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C8 PFOS	*100*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C2-4:2-FTS	*87*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C2-6:2-FTS	*97*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C2-8:2-FTS	*106*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*
13C3 PFHxS	*98*		*50 - 200*	*10/07/24 11:02*	*10/08/24 06:29*	*1*

Lab Sample ID: LCS 810-117768/3-A
Matrix: Drinking Water
Analysis Batch: 117777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	200	200		ng/L		100	70 - 130
Perfluoropentanoic acid (PFPeA)	200	199		ng/L		100	70 - 130
Perfluorohexanoic acid (PFHxA)	200	200		ng/L		100	70 - 130
Perfluoroheptanoic acid (PFHpA)	200	203		ng/L		101	70 - 130
Perfluorooctanoic acid (PFOA)	200	192		ng/L		96	70 - 130
Perfluorononanoic acid (PFNA)	200	195		ng/L		98	70 - 130
Perfluorodecanoic acid (PFDA)	200	204		ng/L		102	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 810-117768/3-A
Matrix: Drinking Water
Analysis Batch: 117777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	200	207		ng/L		103	70 - 130
Perfluorododecanoic acid (PFDoA)	200	206		ng/L		103	70 - 130
Perfluorobutanesulfonic acid (PFBS)	178	174		ng/L		98	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	188	186		ng/L		99	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	183	181		ng/L		99	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	191	184		ng/L		96	70 - 130
Perfluorooctanesulfonic acid (PFOS)	186	180		ng/L		97	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	178	166		ng/L		93	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	188	187		ng/L		100	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	190	184		ng/L		96	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	192	189		ng/L		98	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	200	201		ng/L		101	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	189	189		ng/L		100	70 - 130
9-Chlorohexadecafluoro-3-oxan onane-1-sulfonic acid	187	184		ng/L		98	70 - 130
11-Chloroeicosafluoro-3-oxaund ecane-1-sulfonic acid	189	182		ng/L		96	70 - 130
Perfluoro(4-methoxybutanoic acid)	200	195		ng/L		97	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	200	202		ng/L		101	70 - 130
Perfluoro-3,6-dioxaheptanoic acid	200	193		ng/L		97	70 - 130

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*95*		*50 - 200*
13C5 PFPeA	*96*		*50 - 200*
13C5 PFHxA	*93*		*50 - 200*
13C4 PFHpA	*95*		*50 - 200*
13C8 PFOA	*98*		*50 - 200*
13C9 PFNA	*100*		*50 - 200*
13C6 PFDA	*100*		*50 - 200*
13C7 PFUnA	*99*		*50 - 200*
13C2 PFDoA	*98*		*50 - 200*
13C3 HFPO-DA	*91*		*50 - 200*
13C3 PFBS	*104*		*50 - 200*
13C8 PFOS	*103*		*50 - 200*
13C2-4:2-FTS	*101*		*50 - 200*
13C2-6:2-FTS	*104*		*50 - 200*
13C2-8:2-FTS	*104*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 810-117768/3-A
Matrix: Drinking Water
Analysis Batch: 117777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117768

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C3 PFHxS	102		50 - 200

Lab Sample ID: LLCS 810-117768/2-A
Matrix: Drinking Water
Analysis Batch: 117777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117768

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	1.83	J	ng/L		92	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.92	J	ng/L		96	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.92	J	ng/L		96	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.93	J	ng/L		97	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.77	J	ng/L		88	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.77	J	ng/L		88	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.08		ng/L		104	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.96	J	ng/L		98	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.97	J	ng/L		98	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.68	J	ng/L		95	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.79	J	ng/L		95	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.67	J	ng/L		92	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.67	J	ng/L		88	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.78	J	ng/L		96	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.77	J	ng/L		99	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.72	J	ng/L		92	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.74	J	ng/L		91	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.62	J	ng/L		84	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.95	J	ng/L		98	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.80	J	ng/L		95	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.73	J	ng/L		93	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.78	J	ng/L		94	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.88	J	ng/L		94	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.87	J	ng/L		93	50 - 150
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.80	J	ng/L		90	50 - 150

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C4 PFBA	96		50 - 200

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-117768/2-A
Matrix: Drinking Water
Analysis Batch: 117777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117768

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C5 PFPeA	97		50 - 200
13C5 PFHxA	89		50 - 200
13C4 PFHpA	90		50 - 200
13C8 PFOA	95		50 - 200
13C9 PFNA	99		50 - 200
13C6 PFDA	95		50 - 200
13C7 PFUnA	98		50 - 200
13C2 PFDoA	101		50 - 200
13C3 HFPO-DA	86		50 - 200
13C3 PFBS	105		50 - 200
13C8 PFOS	104		50 - 200
13C2-4:2-FTS	92		50 - 200
13C2-6:2-FTS	101		50 - 200
13C2-8:2-FTS	113		50 - 200
13C3 PFHxS	102		50 - 200

Lab Sample ID: MBL 810-118074/1-A
Matrix: Drinking Water
Analysis Batch: 118082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118074

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluoropentanoic acid (PFPeA)	<0.38		2.0	0.38	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluorohexanoic acid (PFHxA)	<0.42		2.0	0.42	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluoroheptanoic acid (PFHpA)	<0.40		2.0	0.40	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluorooctanoic acid (PFOA)	<0.38		2.0	0.38	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluorononanoic acid (PFNA)	<0.38		2.0	0.38	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluorobutanesulfonic acid (PFBS)	<0.42		2.0	0.42	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.0	0.37	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluorohexanesulfonic acid (PFHxS)	<0.39		2.0	0.39	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluorooctanesulfonic acid (PFOS)	<0.39		2.0	0.39	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45		2.0	0.45	ng/L		10/09/24 08:42	10/09/24 18:30	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		10/09/24 08:42	10/09/24 18:30	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		10/09/24 08:42	10/09/24 18:30	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		10/09/24 08:42	10/09/24 18:30	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		10/09/24 08:42	10/09/24 18:30	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		10/09/24 08:42	10/09/24 18:30	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		10/09/24 08:42	10/09/24 18:30	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-118074/1-A
Matrix: Drinking Water
Analysis Batch: 118082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118074

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.51		2.0	0.51	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		10/09/24 08:42	10/09/24 18:30	1
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		10/09/24 08:42	10/09/24 18:30	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C5 PFPeA	*100*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C5 PFHxA	*98*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C4 PFHpA	*98*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C8 PFOA	*97*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C9 PFNA	*99*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C6 PFDA	*98*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C7 PFUnA	*98*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C2 PFDoA	*99*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C3 HFPO-DA	*94*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C3 PFBS	*101*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C8 PFOS	*99*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C2-4:2-FTS	*94*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C2-6:2-FTS	*104*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C2-8:2-FTS	*103*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*
13C3 PFHxS	*101*		*50 - 200*	*10/09/24 08:42*	*10/09/24 18:30*	*1*

Lab Sample ID: LCS 810-118074/3-A
Matrix: Drinking Water
Analysis Batch: 118082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118074

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	400	395		ng/L		99	70 - 130
Perfluoropentanoic acid (PFPeA)	400	390		ng/L		98	70 - 130
Perfluorohexanoic acid (PFHxA)	400	396		ng/L		99	70 - 130
Perfluoroheptanoic acid (PFHpA)	400	393		ng/L		98	70 - 130
Perfluorooctanoic acid (PFOA)	400	396		ng/L		99	70 - 130
Perfluorononanoic acid (PFNA)	400	391		ng/L		98	70 - 130
Perfluorodecanoic acid (PFDA)	400	388		ng/L		97	70 - 130
Perfluoroundecanoic acid (PFUnA)	400	395		ng/L		99	70 - 130
Perfluorododecanoic acid (PFDoA)	400	395		ng/L		99	70 - 130
Perfluorobutanesulfonic acid (PFBS)	355	354		ng/L		100	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	376	369		ng/L		98	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	365	354		ng/L		97	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	382	367		ng/L		96	70 - 130
Perfluorooctanesulfonic acid (PFOS)	371	360		ng/L		97	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 810-118074/3-A
Matrix: Drinking Water
Analysis Batch: 118082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118074

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	357	332		ng/L		93	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	375	367		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	381	380		ng/L		100	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	384	373		ng/L		97	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	400	391		ng/L		98	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	378	359		ng/L		95	70 - 130
9-Chlorohexadecafluoro-3-oxan onane-1-sulfonic acid	374	376		ng/L		101	70 - 130
11-Chloroeicosafluoro-3-oxaund ecane-1-sulfonic acid	378	360		ng/L		95	70 - 130
Perfluoro(4-methoxybutanoic acid)	400	381		ng/L		95	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	400	388		ng/L		97	70 - 130
Perfluoro-3,6-dioxaheptanoic acid	400	390		ng/L		97	70 - 130

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*92*		*50 - 200*
13C5 PFPeA	*93*		*50 - 200*
13C5 PFHxA	*91*		*50 - 200*
13C4 PFHpA	*92*		*50 - 200*
13C8 PFOA	*94*		*50 - 200*
13C9 PFNA	*92*		*50 - 200*
13C6 PFDA	*92*		*50 - 200*
13C7 PFUnA	*91*		*50 - 200*
13C2 PFDoA	*89*		*50 - 200*
13C3 HFPO-DA	*93*		*50 - 200*
13C3 PFBS	*94*		*50 - 200*
13C8 PFOS	*99*		*50 - 200*
13C2-4:2-FTS	*109*		*50 - 200*
13C2-6:2-FTS	*115*		*50 - 200*
13C2-8:2-FTS	*104*		*50 - 200*
13C3 PFHxS	*96*		*50 - 200*

Lab Sample ID: LLCS 810-118074/2-A
Matrix: Drinking Water
Analysis Batch: 118082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118074

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	1.81	J	ng/L		91	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.91	J	ng/L		95	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.81	J	ng/L		91	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.81	J	ng/L		90	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.80	J	ng/L		90	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.94	J	ng/L		97	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-118074/2-A
Matrix: Drinking Water
Analysis Batch: 118082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118074

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanoic acid (PFDA)	2.00	1.94	J	ng/L		97	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.88	J	ng/L		94	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.84	J	ng/L		92	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.58	J	ng/L		89	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.63	J	ng/L		87	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.55	J	ng/L		85	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.72	J	ng/L		90	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.83	J	ng/L		98	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.70	J	ng/L		95	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.77	J	ng/L		94	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.97	J	ng/L		104	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.85	J	ng/L		96	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.84	J	ng/L		92	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.82	J	ng/L		96	50 - 150
9-Chlorohexadecafluoro-3-oxan onane-1-sulfonic acid	1.87	1.56	J	ng/L		84	50 - 150
11-Chloroeicosafluoro-3-oxaund ecane-1-sulfonic acid	1.89	1.63	J	ng/L		86	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.87	J	ng/L		93	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.79	J	ng/L		89	50 - 150
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.68	J	ng/L		84	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*99*		*50 - 200*
13C5 PFPeA	*99*		*50 - 200*
13C5 PFHxA	*98*		*50 - 200*
13C4 PFHpA	*98*		*50 - 200*
13C8 PFOA	*97*		*50 - 200*
13C9 PFNA	*100*		*50 - 200*
13C6 PFDA	*97*		*50 - 200*
13C7 PFUnA	*96*		*50 - 200*
13C2 PFDoA	*97*		*50 - 200*
13C3 HFPO-DA	*95*		*50 - 200*
13C3 PFBS	*101*		*50 - 200*
13C8 PFOS	*97*		*50 - 200*
13C2-4:2-FTS	*92*		*50 - 200*
13C2-6:2-FTS	*97*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-118074/2-A
Matrix: Drinking Water
Analysis Batch: 118082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118074

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C2-8:2-FTS	101		50 - 200
13C3 PFHxS	99		50 - 200

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: PFAS by 533: Deerfield Beach, FL

Job ID: 810-122976-1

LCMS

Prep Batch: 117740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-122976-1	Mims	Total/NA	Drinking Water	533	
MBL 810-117740/1-A	Method Blank	Total/NA	Drinking Water	533	
LLCS 810-117740/2-A	Lab Control Sample	Total/NA	Drinking Water	533	
810-122976-1 DU	Mims	Total/NA	Drinking Water	533	

Prep Batch: 117768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-122976-3	San Sebastian	Total/NA	Drinking Water	533	
810-122976-5	Barefoot Bay	Total/NA	Drinking Water	533	
MBL 810-117768/1-A	Method Blank	Total/NA	Drinking Water	533	
LCS 810-117768/3-A	Lab Control Sample	Total/NA	Drinking Water	533	
LLCS 810-117768/2-A	Lab Control Sample	Total/NA	Drinking Water	533	

Analysis Batch: 117777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-122976-3	San Sebastian	Total/NA	Drinking Water	533	117768
810-122976-5	Barefoot Bay	Total/NA	Drinking Water	533	117768
MBL 810-117768/1-A	Method Blank	Total/NA	Drinking Water	533	117768
LCS 810-117768/3-A	Lab Control Sample	Total/NA	Drinking Water	533	117768
LLCS 810-117768/2-A	Lab Control Sample	Total/NA	Drinking Water	533	117768

Analysis Batch: 117797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-122976-1	Mims	Total/NA	Drinking Water	533	117740
MBL 810-117740/1-A	Method Blank	Total/NA	Drinking Water	533	117740
LLCS 810-117740/2-A	Lab Control Sample	Total/NA	Drinking Water	533	117740
810-122976-1 DU	Mims	Total/NA	Drinking Water	533	117740

Prep Batch: 118074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-122976-2	Mims Blank	Total/NA	Drinking Water	533	
810-122976-6	Barefoot Bay Blank	Total/NA	Drinking Water	533	
MBL 810-118074/1-A	Method Blank	Total/NA	Drinking Water	533	
LCS 810-118074/3-A	Lab Control Sample	Total/NA	Drinking Water	533	
LLCS 810-118074/2-A	Lab Control Sample	Total/NA	Drinking Water	533	

Analysis Batch: 118082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-122976-2	Mims Blank	Total/NA	Drinking Water	533	118074
810-122976-6	Barefoot Bay Blank	Total/NA	Drinking Water	533	118074
MBL 810-118074/1-A	Method Blank	Total/NA	Drinking Water	533	118074
LCS 810-118074/3-A	Lab Control Sample	Total/NA	Drinking Water	533	118074
LLCS 810-118074/2-A	Lab Control Sample	Total/NA	Drinking Water	533	118074

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: PFAS by 533: Deerfield Beach, FL

Job ID: 810-122976-1

Client Sample ID: Mims

Date Collected: 10/03/24 11:15
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-1
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			117740	KB	EA SB	10/07/24 09:31
Total/NA	Analysis	533		1	117797	MH	EA SB	10/08/24 01:16

Client Sample ID: Mims Blank

Date Collected: 10/03/24 11:15
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-2
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			118074	ET	EA SB	10/09/24 08:42
Total/NA	Analysis	533		1	118082	MH	EA SB	10/09/24 23:39

Client Sample ID: San Sebastian

Date Collected: 10/03/24 08:45
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-3
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			117768	KB	EA SB	10/07/24 11:02
Total/NA	Analysis	533		1	117777	MH	EA SB	10/08/24 08:04

Client Sample ID: Barefoot Bay

Date Collected: 10/03/24 08:30
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-5
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			117768	KB	EA SB	10/07/24 11:02
Total/NA	Analysis	533		1	117777	MH	EA SB	10/08/24 08:17

Client Sample ID: Barefoot Bay Blank

Date Collected: 10/03/24 08:30
Date Received: 10/04/24 09:15

Lab Sample ID: 810-122976-6
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			118074	ET	EA SB	10/09/24 08:42
Total/NA	Analysis	533		1	118082	MH	EA SB	10/09/24 23:52

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: PFAS by 533: Deerfield Beach, FL

Job ID: 810-122976-1

Laboratory: Eurofins Eaton Analytical South Bend

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87775	06-30-25

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: PFAS by 533: Deerfield Beach, FL

Job ID: 810-122976-1

Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA SB
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: PFAS by 533: Deerfield Beach, FL

Job ID: 810-122976-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-122976-1	Mims	Drinking Water	10/03/24 11:15	10/04/24 09:15
810-122976-2	Mims Blank	Drinking Water	10/03/24 11:15	10/04/24 09:15
810-122976-3	San Sebastian	Drinking Water	10/03/24 08:45	10/04/24 09:15
810-122976-5	Barefoot Bay	Drinking Water	10/03/24 08:30	10/04/24 09:15
810-122976-6	Barefoot Bay Blank	Drinking Water	10/03/24 08:30	10/04/24 09:15

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend IN 46617
Phone 574-233-4777 Fax 574-233-8207

Chain of Custody Record

curofins

Client Information	Sampler: Malik McClain	Lab PM: Mattheis, Joe	Carrier Tracking No(s):	COC No: 810-38690-12359.2
Client Contact: Raul Alfaro	Phone: 808-425-3595	E-Mail: Joe.Mattheis@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Jacobs Engineering Group, Inc	PWSID:			Job #:
Address: 550 West Cypress Creek Road Suite 400	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Fort Lauderdale	TAT Requested (days):			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)
State, Zip: FL, 33309	Compliance Project: Δ Yes Δ No			
Phone: 786-709-1119(Tel)	PO #: Signed Quote 81007418			
Email: raul.alfaro@jacobs.com	WO #:			
Project Name: PFAS by 533&537	Project #: 81007418			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Wastewater, BT=Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	533 - Local Method	537.1_DW_PREC - PFOA	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N			
Mims	10/3	11:15	G	Drinking Wate			X			
Mims Blank	10/3	11:15	G				X			
San Sebastian	10/3	8:45	G				X			
San Sebastian Blank	10/3	8:45	G				X			
Barefoot Bay	10/3	8:30	G				X			
Barefoot Bay Blank	10/3	8:30	G				X			

Initial Temp 7.4
Corrected Temp 7.2
3.0

*All Samples (FSCFBB) rec'd out of temp.

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Malik McClain	10/3/24 12:30	Jacobs		10/4/24 815am	EEA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

Job Number: 810-122976-1

Login Number: 122976
List Number: 1
Creator: Moffitt, Tisha

List Source: Eurofins Eaton Analytical South Bend

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Malik McClain
Jacobs Engineering Group, Inc.
200 South Orange
Suite 900
Orlando, Florida 32801

Generated 2/27/2025 1:49:17 AM

JOB DESCRIPTION

2025 Quarterly PFAS: Brevard County

JOB NUMBER

810-138423-1

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend IN 46617

See page two for job notes and contact information.

Eurofins Eaton Analytical South Bend

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization

Generated
2/27/2025 1:49:17 AM

Authorized for release by
Joe Mattheis, Project Manager I
Joe.Mattheis@et.eurofinsus.com
(574)233-4777

Table of Contents

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 810-138423-1 — Eurofins Eaton Analytical South Bend

Job Narrative
810-138423-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/19/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.0°C.

PFAS
Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: BFB Well 6 MS (810-138423-2[MS]), BFB Well 6 MSD (810-138423-2[MSD]), San Seb Well 4 MS (810-138423-6[MS]) and San Seb Well 4 MSD (810-138423-6[MSD])

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: BFB Well 1 (810-138423-1), BFB Well 6 (810-138423-2), BFB Well 4 (810-138423-3), BFB Well 9 (810-138423-4), BFB POE (810-138423-5), San Seb Well 4 (810-138423-6), San Seb POE (810-138423-7), Mims Well 6 (810-138423-8), Mims Well 4 (810-138423-10), Mims Well 11 (810-138423-11), Mims Well 10 (810-138423-12) and Mims POE (810-138423-13)

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: Mims Well 2 (810-138423-9), Mims Well 2 MS (810-138423-9[MS]) and Mims Well 2 MSD (810-138423-9[MSD])

Method 533: The following sample was received and eluted with a volume of 239.1 mL, which is below the minimum 244 mL desired volume for PFAS method 533. Only one bottle was provided.

San Seb Well 4 MSD (810-138423-6[MSD])

Method 533: The following sample was received and eluted with a volume of 243.7 mL, which is below the minimum 244 mL desired volume for PFAS method 533. Only one bottle was provided.

San Seb Well 4 (810-138423-6)

Method 533: The following sample was received and eluted with a volume of 229 mL, which is below the minimum 244 mL desired volume for PFAS method 533. Only one bottle was provided.

Mims Well 11 (810-138423-11)

Method 533: Internal standard responses were outside of method 533 acceptance limits for the following sample: BFB Well 6 (810-138423-2). 13C3-PFBA response was 46%. Limit 50-150%. This ISTD also fails low in the associated MS and MSD. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: Internal standard responses were outside of method 533 acceptance limits for the following sample: BFB Well 6 MS (810-138423-2[MS]). 13C3-PFBA response was 43%. Limit 50-150%. This ISTD also fails low in the parent sample and MSD. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: Internal standard responses were outside of method 533 acceptance limits for the following sample: BFB Well 6 MSD (810-138423-2[MSD]). 13C3-PFBA response was 44%. Limit 50-150%. This ISTD also fails low in the parent sample and MS. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 810-133908 and analytical batch 810-134000 were outside method 533 control limits in BFB Well 6 MS (810-138423-2[MS]) and BFB Well 6 MSD

(810-138423-2[MSD]). Sample matrix interference is suspected. Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) recovery was 52% in the MS and 51% in the MSD. Limit 70-130%. Results for PFEESA may be low biased in the parent sample.

Method 533: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 810-133908 and analytical batch 810-134000 were outside method 533 control limits in San Seb Well 4 MS (810-138423-6[MS]) and San Seb Well 4 MSD (810-138423-6[MSD]). Sample matrix interference is suspected. Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) recovery was 55% in the MS and 57% in the MSD. Limit 70-130%. Results for PFEESA may be low biased in the parent sample.

Method 533: Internal standard responses were outside of method 533 acceptance limits for the following sample: BFB Well 1 (810-138423-1). 13C3-PFBA response was 45%. Limit 50-150%. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: Internal standard responses were outside of method 533 acceptance limits for the following sample: Mims Well 4 (810-138423-10). 13C3-PFBA response was 33%. Limit 50-150%. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: Isotope Dilution Analyte (IDA) recovery is below the method 533 recommended limit for the following sample: Mims Well 4 (810-138423-10). 13C6 PFDA (41%) and 13C7 PFUnA (39%) failed low. Limit 50-200%. There is no volume remaining for re-extraction.

Method 533: Isotope Dilution Analyte (IDA) recovery is below the method 533 recommended limit for the following sample: Mims POE (810-138423-13). 13C4 PFBA recovery was 44%. Limit 50-200%. There is no volume remaining for re-extraction.

Method 533: The RL was raised to 2.1 ng/L for the following 533 sample due to low extracted volume: San Seb Well 4 (810-138423-6) and San Seb Well 4 MSD (810-138423-6[MSD]).

Method 533: The RL was raised to 2.2 ng/L for the following 533 sample due to low extracted volume: Mims Well 11 (810-138423-11).

Method 533: Internal standard responses were outside of method 533 acceptance limits for the following sample: Mims Well 2 (810-138423-9). 13C3-PFBA response was 48%. Limit 50-150%. This ISTD also fails low in the associated MS and MSD. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: Internal standard responses were outside of method 533 acceptance limits for the following sample: Mims Well 2 MS (810-138423-9[MS]). 13C3-PFBA response was 44%. Limit 50-150%. This ISTD also fails low in the parent sample and MSD. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: Internal standard responses were outside of method 533 acceptance limits for the following sample: Mims Well 2 MSD (810-138423-9[MSD]). 13C3-PFBA response was 46%. Limit 50-150%. This ISTD also fails low in the parent sample and MS. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: Isotope Dilution Analyte (IDA) recovery is above the method 533 recommended limit for the following sample: Mims Well 2 MS (810-138423-9[MS]). 13C2-4:2-FTS recovery was 212%. Limit 50-200%. This IDA was also high biased in the parent sample and MSD. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: Isotope Dilution Analyte (IDA) recovery is above the method 533 recommended limit for the following sample: Mims Well 2 MSD (810-138423-9[MSD]). 13C2-4:2-FTS recovery was 202%. Limit 50-200%. This IDA was also high biased in the parent sample and MS. This is likely due to sample matrix. There is no volume remaining for re-extraction.

Method 533: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 810-133916 and analytical batch 810-134009 were outside method 533 control limits in Mims Well 2 MS (810-138423-9[MS]) and Mims Well 2 MSD (810-138423-9[MSD]). Sample matrix interference is suspected. Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) recovery was 52% in the MS and 53% in the MSD. Limit 70-130%. Results for PFEESA may be low biased in the parent sample.

Method 533: The pH of the following sample was adjusted to pH 7.5 in the laboratory: San Seb FB (810-138423-14)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Client Sample ID: BFB Well 1 — Lab Sample ID: 810-138423-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	18		2.0	0.39	ng/L	1		533	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	0.50	J	2.0	0.44	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	11		2.0	0.39	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.61	J	2.0	0.37	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.9		2.0	0.42	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.57	J	2.0	0.38	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	10		2.0	0.38	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.0		2.0	0.40	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	3.7		2.0	0.42	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.4		2.0	0.38	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	2.2		2.0	0.52	ng/L	1		533	Total/NA

Client Sample ID: BFB Well 6 — Lab Sample ID: 810-138423-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	3.7		2.0	0.39	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.5		2.0	0.39	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.9	J	2.0	0.42	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	4.1		2.0	0.38	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.8	J	2.0	0.40	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.1		2.0	0.42	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	2.2		2.0	0.38	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	2.3		2.0	0.52	ng/L	1		533	Total/NA

Client Sample ID: BFB Well 4 — Lab Sample ID: 810-138423-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	1.6	J	2.0	0.40	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	1.8	J	2.0	0.39	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.85	J	2.0	0.41	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	1.1	J	2.0	0.43	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	1.1	J	2.0	0.39	ng/L	1		533	Total/NA

Client Sample ID: BFB Well 9 — Lab Sample ID: 810-138423-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	10		2.0	0.38	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.7		2.0	0.38	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.9		2.0	0.41	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.74	J	2.0	0.37	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	4.6		2.0	0.37	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.2		2.0	0.39	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.8		2.0	0.41	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.2		2.0	0.37	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	2.5		2.0	0.51	ng/L	1		533	Total/NA

Client Sample ID: BFB POE — Lab Sample ID: 810-138423-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	3.6		2.0	0.38	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.0		2.0	0.38	ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BFB POE (Continued)

Lab Sample ID: 810-138423-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	2.5		2.0	0.41	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.41	J	2.0	0.37	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.6		2.0	0.37	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.3	J	2.0	0.39	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	1.6	J	2.0	0.41	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	1.7	J	2.0	0.37	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	1.5	J	2.0	0.51	ng/L	1		533	Total/NA

Client Sample ID: San Seb Well 4

Lab Sample ID: 810-138423-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.98	J	2.1	0.39	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.57	J	2.1	0.41	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	0.48	J	2.1	0.39	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	0.73	J	2.1	0.53	ng/L	1		533	Total/NA

Client Sample ID: San Seb POE

Lab Sample ID: 810-138423-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.50	J	2.0	0.38	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.45	J	2.0	0.40	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	0.70	J	2.0	0.52	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 6

Lab Sample ID: 810-138423-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	9.3		2.0	0.39	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.3	J	2.0	0.39	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.6	J	2.0	0.42	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.38	J	2.0	0.38	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.5		2.0	0.38	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.1	J	2.0	0.40	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	1.5	J	2.0	0.42	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	1.3	J	2.0	0.38	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	3.0		2.0	0.52	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 2

Lab Sample ID: 810-138423-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	10		2.0	0.39	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.3		2.0	0.39	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.43	J	2.0	0.37	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	4.6		2.0	0.42	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.95	J	2.0	0.38	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	5.2		2.0	0.38	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.0		2.0	0.40	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.6		2.0	0.42	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.6		2.0	0.38	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	6.0		2.0	0.52	ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Client Sample ID: Mims Well 4

Lab Sample ID: 810-138423-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	2.8		2.0	0.38	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.5	J	2.0	0.38	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.38	J	2.0	0.36	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.2	J	2.0	0.41	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.59	J	2.0	0.37	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	3.7		2.0	0.37	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.8	J	2.0	0.39	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	1.7	J	2.0	0.41	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	1.8	J	2.0	0.37	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	5.4		2.0	0.51	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 11

Lab Sample ID: 810-138423-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	4.3		2.2	0.43	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	9.4		2.2	0.43	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.93	J	2.2	0.40	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.7	J	2.2	0.46	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.3		2.2	0.41	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.89	J	2.2	0.44	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	1.3	J	2.2	0.46	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	1.2	J	2.2	0.41	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	1.9	J	2.2	0.57	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 10

Lab Sample ID: 810-138423-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	13		2.0	0.38	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.0		2.0	0.38	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	5.9		2.0	0.41	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	2.4		2.0	0.37	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	5.8		2.0	0.37	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.0		2.0	0.39	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	5.0		2.0	0.41	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	7.0		2.0	0.37	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	5.8		2.0	0.51	ng/L	1		533	Total/NA

Client Sample ID: Mims POE

Lab Sample ID: 810-138423-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	13		2.0	0.38	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.3		2.0	0.38	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.66	J	2.0	0.36	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	5.9		2.0	0.41	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	1.1	J	2.0	0.37	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	6.4		2.0	0.37	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.5		2.0	0.39	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	3.9		2.0	0.41	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	5.1		2.0	0.37	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	5.3		2.0	0.51	ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Client Sample ID: San Seb FB — **Lab Sample ID: 810-138423-14**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: BFB Well 1
Date Collected: 02/18/25 08:30
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-1
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.92		2.0	0.92	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 21:35	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		02/20/25 08:27	02/20/25 21:35	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 21:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		02/20/25 08:27	02/20/25 21:35	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		02/20/25 08:27	02/20/25 21:35	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		02/20/25 08:27	02/20/25 21:35	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		02/20/25 08:27	02/20/25 21:35	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluorooctanesulfonic acid (PFOS)	**18**		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluoroheptanesulfonic acid (PFHpS)	**0.50**	**J**	2.0	0.44	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluorohexanesulfonic acid (PFHxS)	**11**		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluoropentanesulfonic acid (PFPeS)	**0.61**	**J**	2.0	0.37	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluorobutanesulfonic acid (PFBS)	**2.9**		2.0	0.42	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluorononanoic acid (PFNA)	**0.57**	**J**	2.0	0.38	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluorooctanoic acid (PFOA)	**10**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluoroheptanoic acid (PFHpA)	**3.0**		2.0	0.40	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluorohexanoic acid (PFHxA)	**3.7**		2.0	0.42	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluoropentanoic acid (PFPeA)	**3.4**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 21:35	1
Perfluorobutanoic acid (PFBA)	**2.2**		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 21:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C2-8:2-FTS	*115*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C2-6:2-FTS	*138*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C2-4:2-FTS	*197*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C8 PFOS	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C3 PFBS	*88*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C3 HFPO-DA	*85*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C2 PFDoA	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C7 PFUnA	*91*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C6 PFDA	*85*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C9 PFNA	*81*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C8 PFOA	*86*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*
13C4 PFHpA	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:35*	*1*

Client Sample ID: BFB Well 1
Date Collected: 02/18/25 08:30
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-1
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	93		50 - 200	02/20/25 08:27	02/20/25 21:35	1
13C5 PFPeA	163		50 - 200	02/20/25 08:27	02/20/25 21:35	1
13C4 PFBA	81		50 - 200	02/20/25 08:27	02/20/25 21:35	1

Client Sample ID: BFB Well 6
Date Collected: 02/18/25 08:45
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-2
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 19:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		02/20/25 08:27	02/20/25 19:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 19:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		02/20/25 08:27	02/20/25 19:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		02/20/25 08:27	02/20/25 19:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		02/20/25 08:27	02/20/25 19:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		02/20/25 08:27	02/20/25 19:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45	F1	2.0	0.45	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluorooctanesulfonic acid (PFOS)	**3.7**		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluorohexanesulfonic acid (PFHxS)	**3.5**		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluorobutanesulfonic acid (PFBS)	**1.9**	**J**	2.0	0.42	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluorononanoic acid (PFNA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluorooctanoic acid (PFOA)	**4.1**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluoroheptanoic acid (PFHpA)	**1.8**	**J**	2.0	0.40	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluorohexanoic acid (PFHxA)	**2.1**		2.0	0.42	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluoropentanoic acid (PFPeA)	**2.2**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 19:07	1
Perfluorobutanoic acid (PFBA)	**2.3**		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 19:07	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	93		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C2-8:2-FTS	102		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C2-6:2-FTS	121		50 - 200	02/20/25 08:27	02/20/25 19:07	1

Client Sample ID: BFB Well 6
Date Collected: 02/18/25 08:45
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-2
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-4:2-FTS	186		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C8 PFOS	96		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C3 PFBS	84		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C3 HFPO-DA	81		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C2 PFDoA	91		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C7 PFUnA	77		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C6 PFDA	62		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C9 PFNA	71		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C8 PFOA	82		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C4 PFHpA	94		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C5 PFHxA	90		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C5 PFPeA	156		50 - 200	02/20/25 08:27	02/20/25 19:07	1
13C4 PFBA	90		50 - 200	02/20/25 08:27	02/20/25 19:07	1

Client Sample ID: BFB Well 4
Date Collected: 02/18/25 09:15
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-3
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.95		2.0	0.95	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.33		2.0	0.33	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluoro(4-methoxybutanoic acid)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 21:49	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.52		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 21:49	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.46		2.0	0.46	ng/L		02/20/25 08:27	02/20/25 21:49	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		2.0	0.41	ng/L		02/20/25 08:27	02/20/25 21:49	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.54		2.0	0.54	ng/L		02/20/25 08:27	02/20/25 21:49	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.58		2.0	0.58	ng/L		02/20/25 08:27	02/20/25 21:49	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.69		2.0	0.69	ng/L		02/20/25 08:27	02/20/25 21:49	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.57		2.0	0.57	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.46		2.0	0.46	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluorooctanesulfonic acid (PFOS)	<0.40		2.0	0.40	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluorohexanesulfonic acid (PFHxS)	**1.6**	**J**	2.0	0.40	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluoropentanesulfonic acid (PFPeS)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluorobutanesulfonic acid (PFBS)	<0.43		2.0	0.43	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluorododecanoic acid (PFDoA)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluoroundecanoic acid (PFUnA)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluorodecanoic acid (PFDA)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluorononanoic acid (PFNA)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluorooctanoic acid (PFOA)	**1.8**	**J**	2.0	0.39	ng/L		02/20/25 08:27	02/20/25 21:49	1

Client Sample ID: BFB Well 4

Lab Sample ID: 810-138423-3

Date Collected: 02/18/25 09:15
Matrix: Water
Date Received: 02/19/25 09:30

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	**0.85**	**J**	2.0	0.41	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluorohexanoic acid (PFHxA)	**1.1**	**J**	2.0	0.43	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluoropentanoic acid (PFPeA)	**1.1**	**J**	2.0	0.39	ng/L		02/20/25 08:27	02/20/25 21:49	1
Perfluorobutanoic acid (PFBA)	<0.53		2.0	0.53	ng/L		02/20/25 08:27	02/20/25 21:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C2-8:2-FTS	*107*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C2-6:2-FTS	*120*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C2-4:2-FTS	*192*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C8 PFOS	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C3 PFBS	*93*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C3 HFPO-DA	*89*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C2 PFDoA	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C7 PFUnA	*95*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C6 PFDA	*93*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C9 PFNA	*91*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C8 PFOA	*93*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C4 PFHpA	*100*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C5 PFHxA	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C5 PFPeA	*157*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*
13C4 PFBA	*69*		*50 - 200*	*02/20/25 08:27*	*02/20/25 21:49*	*1*

Client Sample ID: BFB Well 9

Lab Sample ID: 810-138423-4

Date Collected: 02/18/25 09:30
Matrix: Water
Date Received: 02/19/25 09:30

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		2.0	0.31	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluoro(4-methoxybutanoic acid)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 22:02	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.50		2.0	0.50	ng/L		02/20/25 08:27	02/20/25 22:02	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 22:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 22:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.52		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 22:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 22:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		02/20/25 08:27	02/20/25 22:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.55		2.0	0.55	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluorooctanesulfonic acid (PFOS)	**10**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		2.0	0.43	ng/L		02/20/25 08:27	02/20/25 22:02	1

Client Sample ID: BFB Well 9
Date Collected: 02/18/25 09:30
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-4
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	**2.7**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluorobutanesulfonic acid (PFBS)	**6.9**		2.0	0.41	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluorododecanoic acid (PFDoA)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluoroundecanoic acid (PFUnA)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluorodecanoic acid (PFDA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluorononanoic acid (PFNA)	**0.74**	**J**	2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluorooctanoic acid (PFOA)	**4.6**		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluoroheptanoic acid (PFHpA)	**2.2**		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluorohexanoic acid (PFHxA)	**2.8**		2.0	0.41	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluoropentanoic acid (PFPeA)	**3.2**		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:02	1
Perfluorobutanoic acid (PFBA)	**2.5**		2.0	0.51	ng/L		02/20/25 08:27	02/20/25 22:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C2-8:2-FTS	*105*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C2-6:2-FTS	*124*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C2-4:2-FTS	*191*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C8 PFOS	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C3 PFBS	*93*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C3 HFPO-DA	*91*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C2 PFDoA	*94*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C7 PFUnA	*88*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C6 PFDA	*86*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C9 PFNA	*84*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C8 PFOA	*90*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C4 PFHpA	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C5 PFHxA	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C5 PFPeA	*153*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*
13C4 PFBA	*87*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:02*	*1*

Client Sample ID: BFB POE
Date Collected: 02/18/25 08:05
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-5
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		2.0	0.31	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluoro(4-methoxybutanoic acid)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 22:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.50		2.0	0.50	ng/L		02/20/25 08:27	02/20/25 22:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 22:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 22:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.52		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 22:29	1

Client Sample ID: BFB POE
Date Collected: 02/18/25 08:05
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-5
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 22:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		2.0	0.66	ng/L		02/20/25 08:27	02/20/25 22:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.55		2.0	0.55	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluorooctanesulfonic acid (PFOS)	**3.6**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		2.0	0.43	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluorohexanesulfonic acid (PFHxS)	**2.0**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluorobutanesulfonic acid (PFBS)	**2.5**		2.0	0.41	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluorododecanoic acid (PFDoA)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluoroundecanoic acid (PFUnA)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluorodecanoic acid (PFDA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluorononanoic acid (PFNA)	**0.41**	**J**	2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluorooctanoic acid (PFOA)	**2.6**		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluoroheptanoic acid (PFHpA)	**1.3**	**J**	2.0	0.39	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluorohexanoic acid (PFHxA)	**1.6**	**J**	2.0	0.41	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluoropentanoic acid (PFPeA)	**1.7**	**J**	2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:29	1
Perfluorobutanoic acid (PFBA)	**1.5**	**J**	2.0	0.51	ng/L		02/20/25 08:27	02/20/25 22:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C2-8:2-FTS	*103*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C2-6:2-FTS	*118*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C2-4:2-FTS	*181*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C8 PFOS	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C3 PFBS	*94*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C3 HFPO-DA	*88*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C2 PFDoA	*87*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C7 PFUnA	*79*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C6 PFDA	*77*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C9 PFNA	*79*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C8 PFOA	*90*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C4 PFHpA	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C5 PFHxA	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C5 PFPeA	*156*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*
13C4 PFBA	*95*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:29*	*1*

Client Sample ID: San Seb Well 4
Date Collected: 02/18/25 09:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-6
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.95		2.1	0.95	ng/L		02/20/25 08:27	02/20/25 19:48	1

Client Sample ID: San Seb Well 4
Date Collected: 02/18/25 09:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-6
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.33		2.1	0.33	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluoro(4-methoxybutanoic acid)	<0.36		2.1	0.36	ng/L		02/20/25 08:27	02/20/25 19:48	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.52		2.1	0.52	ng/L		02/20/25 08:27	02/20/25 19:48	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.46		2.1	0.46	ng/L		02/20/25 08:27	02/20/25 19:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		2.1	0.41	ng/L		02/20/25 08:27	02/20/25 19:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.54		2.1	0.54	ng/L		02/20/25 08:27	02/20/25 19:48	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.58		2.1	0.58	ng/L		02/20/25 08:27	02/20/25 19:48	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.70		2.1	0.70	ng/L		02/20/25 08:27	02/20/25 19:48	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.57		2.1	0.57	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.46	F1	2.1	0.46	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluorooctanesulfonic acid (PFOS)	<0.40		2.1	0.40	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.45		2.1	0.45	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluorohexanesulfonic acid (PFHxS)	<0.40		2.1	0.40	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluoropentanesulfonic acid (PFPeS)	<0.38		2.1	0.38	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluorobutanesulfonic acid (PFBS)	<0.43		2.1	0.43	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluorododecanoic acid (PFDoA)	<0.36		2.1	0.36	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluoroundecanoic acid (PFUnA)	<0.39		2.1	0.39	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluorodecanoic acid (PFDA)	<0.37		2.1	0.37	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluorononanoic acid (PFNA)	<0.39		2.1	0.39	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluorooctanoic acid (PFOA)	**0.98**	**J**	2.1	0.39	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluoroheptanoic acid (PFHpA)	**0.57**	**J**	2.1	0.41	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluorohexanoic acid (PFHxA)	<0.43		2.1	0.43	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluoropentanoic acid (PFPeA)	**0.48**	**J**	2.1	0.39	ng/L		02/20/25 08:27	02/20/25 19:48	1
Perfluorobutanoic acid (PFBA)	**0.73**	**J**	2.1	0.53	ng/L		02/20/25 08:27	02/20/25 19:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C2-8:2-FTS	*101*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C2-6:2-FTS	*114*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C2-4:2-FTS	*176*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C8 PFOS	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C3 PFBS	*93*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C3 HFPO-DA	*87*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C2 PFDoA	*94*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C7 PFUnA	*95*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C6 PFDA	*94*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C9 PFNA	*95*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C8 PFOA	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C4 PFHpA	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C5 PFHxA	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C5 PFPeA	*156*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*
13C4 PFBA	*96*		*50 - 200*	*02/20/25 08:27*	*02/20/25 19:48*	*1*

Client Sample ID: San Seb POE
Date Collected: 02/18/25 09:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-7
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 22:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		02/20/25 08:27	02/20/25 22:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 22:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		02/20/25 08:27	02/20/25 22:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		02/20/25 08:27	02/20/25 22:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		02/20/25 08:27	02/20/25 22:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		02/20/25 08:27	02/20/25 22:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluorooctanesulfonic acid (PFOS)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluorobutanesulfonic acid (PFBS)	<0.42		2.0	0.42	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluorononanoic acid (PFNA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluorooctanoic acid (PFOA)	**0.50**	**J**	2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluoroheptanoic acid (PFHpA)	**0.45**	**J**	2.0	0.40	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluorohexanoic acid (PFHxA)	<0.42		2.0	0.42	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluoropentanoic acid (PFPeA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:42	1
Perfluorobutanoic acid (PFBA)	**0.70**	**J**	2.0	0.52	ng/L		02/20/25 08:27	02/20/25 22:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C2-8:2-FTS	*104*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C2-6:2-FTS	*113*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C2-4:2-FTS	*167*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C8 PFOS	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C3 PFBS	*92*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C3 HFPO-DA	*89*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C2 PFDoA	*92*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C7 PFUnA	*91*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C6 PFDA	*95*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C9 PFNA	*93*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C8 PFOA	*94*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C4 PFHpA	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C5 PFHxA	*96*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*
13C5 PFPeA	*147*		*50 - 200*	*02/20/25 08:27*	*02/20/25 22:42*	*1*

Client Sample ID: San Seb POE
Date Collected: 02/18/25 09:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-7
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	56		50 - 200	02/20/25 08:27	02/20/25 22:42	1

Client Sample ID: Mims Well 6
Date Collected: 02/18/25 12:15
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-8
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.92		2.0	0.92	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 22:56	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		02/20/25 08:27	02/20/25 22:56	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 22:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		02/20/25 08:27	02/20/25 22:56	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		02/20/25 08:27	02/20/25 22:56	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 22:56	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		02/20/25 08:27	02/20/25 22:56	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.55		2.0	0.55	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluorooctanesulfonic acid (PFOS)	**9.3**		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluorohexanesulfonic acid (PFHxS)	**1.3**	**J**	2.0	0.39	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluorobutanesulfonic acid (PFBS)	**1.6**	**J**	2.0	0.42	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluorononanoic acid (PFNA)	**0.38**	**J**	2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluorooctanoic acid (PFOA)	**2.5**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluoroheptanoic acid (PFHpA)	**1.1**	**J**	2.0	0.40	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluorohexanoic acid (PFHxA)	**1.5**	**J**	2.0	0.42	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluoropentanoic acid (PFPeA)	**1.3**	**J**	2.0	0.38	ng/L		02/20/25 08:27	02/20/25 22:56	1
Perfluorobutanoic acid (PFBA)	**3.0**		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 22:56	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	96		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C2-8:2-FTS	100		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C2-6:2-FTS	110		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C2-4:2-FTS	155		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C8 PFOS	96		50 - 200	02/20/25 08:27	02/20/25 22:56	1

Client Sample ID: Mims Well 6
Date Collected: 02/18/25 12:15
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-8
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	96		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C3 HFPO-DA	89		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C2 PFDoA	88		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C7 PFUnA	86		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C6 PFDA	87		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C9 PFNA	88		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C8 PFOA	94		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C4 PFHpA	96		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C5 PFHxA	96		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C5 PFPeA	158		50 - 200	02/20/25 08:27	02/20/25 22:56	1
13C4 PFBA	94		50 - 200	02/20/25 08:27	02/20/25 22:56	1

Client Sample ID: Mims Well 2
Date Collected: 02/18/25 12:00
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-9
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		02/20/25 09:13	02/21/25 01:37	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		02/20/25 09:13	02/21/25 01:37	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		02/20/25 09:13	02/21/25 01:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		02/20/25 09:13	02/21/25 01:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		02/20/25 09:13	02/21/25 01:37	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		02/20/25 09:13	02/21/25 01:37	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		02/20/25 09:13	02/21/25 01:37	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45	F1	2.0	0.45	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluorooctanesulfonic acid (PFOS)	**10**		2.0	0.39	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluorohexanesulfonic acid (PFHxS)	**2.3**		2.0	0.39	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluoropentanesulfonic acid (PFPeS)	**0.43**	**J**	2.0	0.37	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluorobutanesulfonic acid (PFBS)	**4.6**		2.0	0.42	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluorononanoic acid (PFNA)	**0.95**	**J**	2.0	0.38	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluorooctanoic acid (PFOA)	**5.2**		2.0	0.38	ng/L		02/20/25 09:13	02/21/25 01:37	1

Client Sample ID: Mims Well 2
Date Collected: 02/18/25 12:00
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-9
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	**2.0**		2.0	0.40	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluorohexanoic acid (PFHxA)	**2.6**		2.0	0.42	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluoropentanoic acid (PFPeA)	**3.6**		2.0	0.38	ng/L		02/20/25 09:13	02/21/25 01:37	1
Perfluorobutanoic acid (PFBA)	**6.0**		2.0	0.52	ng/L		02/20/25 09:13	02/21/25 01:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*94*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C2-8:2-FTS	*102*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C2-6:2-FTS	*123*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C2-4:2-FTS	*187*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C8 PFOS	*94*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C3 PFBS	*90*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C3 HFPO-DA	*84*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C2 PFDoA	*70*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C7 PFUnA	*71*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C6 PFDA	*76*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C9 PFNA	*80*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C8 PFOA	*87*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C4 PFHpA	*95*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C5 PFHxA	*91*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C5 PFPeA	*166*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*
13C4 PFBA	*96*		*50 - 200*	*02/20/25 09:13*	*02/21/25 01:37*	*1*

Client Sample ID: Mims Well 4
Date Collected: 02/18/25 12:45
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-10
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		2.0	0.31	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluoro(4-methoxybutanoic acid)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 23:09	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.50		2.0	0.50	ng/L		02/20/25 08:27	02/20/25 23:09	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 23:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 23:09	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.52		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 23:09	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 23:09	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		02/20/25 08:27	02/20/25 23:09	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.55		2.0	0.55	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluorooctanesulfonic acid (PFOS)	**2.8**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		2.0	0.43	ng/L		02/20/25 08:27	02/20/25 23:09	1

Client Sample ID: Mims Well 4
Date Collected: 02/18/25 12:45
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-10
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	**1.5**	**J**	2.0	0.38	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluoropentanesulfonic acid (PFPeS)	**0.38**	**J**	2.0	0.36	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluorobutanesulfonic acid (PFBS)	**1.2**	**J**	2.0	0.41	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluorododecanoic acid (PFDoA)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluoroundecanoic acid (PFUnA)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluorodecanoic acid (PFDA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluorononanoic acid (PFNA)	**0.59**	**J**	2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluorooctanoic acid (PFOA)	**3.7**		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluoroheptanoic acid (PFHpA)	**1.8**	**J**	2.0	0.39	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluorohexanoic acid (PFHxA)	**1.7**	**J**	2.0	0.41	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluoropentanoic acid (PFPeA)	**1.8**	**J**	2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:09	1
Perfluorobutanoic acid (PFBA)	**5.4**		2.0	0.51	ng/L		02/20/25 08:27	02/20/25 23:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*83*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C2-8:2-FTS	*101*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C2-6:2-FTS	*131*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C2-4:2-FTS	*172*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C8 PFOS	*86*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C3 PFBS	*65*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C3 HFPO-DA	*69*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C2 PFDoA	*50*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C7 PFUnA	*39*	**5-*	*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C6 PFDA	*41*	**5-*	*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C9 PFNA	*57*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C8 PFOA	*74*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C4 PFHpA	*81*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C5 PFHxA	*74*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C5 PFPeA	*149*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*
13C4 PFBA	*79*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:09*	*1*

Client Sample ID: Mims Well 11
Date Collected: 02/18/25 12:25
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-11
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<1.0		2.2	1.0	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.35		2.2	0.35	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluoro(4-methoxybutanoic acid)	<0.38		2.2	0.38	ng/L		02/20/25 08:27	02/20/25 23:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.56		2.2	0.56	ng/L		02/20/25 08:27	02/20/25 23:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.49		2.2	0.49	ng/L		02/20/25 08:27	02/20/25 23:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.44		2.2	0.44	ng/L		02/20/25 08:27	02/20/25 23:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.58		2.2	0.58	ng/L		02/20/25 08:27	02/20/25 23:23	1

Client Sample ID: Mims Well 11
Date Collected: 02/18/25 12:25
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-11
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.62		2.2	0.62	ng/L		02/20/25 08:27	02/20/25 23:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.74		2.2	0.74	ng/L		02/20/25 08:27	02/20/25 23:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.61		2.2	0.61	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.49		2.2	0.49	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluorooctanesulfonic acid (PFOS)	**4.3**		2.2	0.43	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.48		2.2	0.48	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluorohexanesulfonic acid (PFHxS)	**9.4**		2.2	0.43	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluoropentanesulfonic acid (PFPeS)	**0.93**	J	2.2	0.40	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluorobutanesulfonic acid (PFBS)	**1.7**	J	2.2	0.46	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluorododecanoic acid (PFDoA)	<0.38		2.2	0.38	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluoroundecanoic acid (PFUnA)	<0.41		2.2	0.41	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluorodecanoic acid (PFDA)	<0.39		2.2	0.39	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluorononanoic acid (PFNA)	<0.41		2.2	0.41	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluorooctanoic acid (PFOA)	**2.3**		2.2	0.41	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluoroheptanoic acid (PFHpA)	**0.89**	J	2.2	0.44	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluorohexanoic acid (PFHxA)	**1.3**	J	2.2	0.46	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluoropentanoic acid (PFPeA)	**1.2**	J	2.2	0.41	ng/L		02/20/25 08:27	02/20/25 23:23	1
Perfluorobutanoic acid (PFBA)	**1.9**	J	2.2	0.57	ng/L		02/20/25 08:27	02/20/25 23:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C2-8:2-FTS	*101*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C2-6:2-FTS	*106*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C2-4:2-FTS	*138*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C8 PFOS	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C3 PFBS	*102*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C3 HFPO-DA	*87*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C2 PFDoA	*83*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C7 PFUnA	*80*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C6 PFDA	*74*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C9 PFNA	*77*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C8 PFOA	*87*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C4 PFHpA	*92*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C5 PFHxA	*96*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C5 PFPeA	*126*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*
13C4 PFBA	*83*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:23*	*1*

Client Sample ID: Mims Well 10
Date Collected: 02/18/25 12:35
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-12
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		02/20/25 08:27	02/20/25 23:36	1

Client Sample ID: Mims Well 10
Date Collected: 02/18/25 12:35
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-12
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		2.0	0.31	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluoro(4-methoxybutanoic acid)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 23:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.50		2.0	0.50	ng/L		02/20/25 08:27	02/20/25 23:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 23:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 23:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.52		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 23:36	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 23:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		2.0	0.66	ng/L		02/20/25 08:27	02/20/25 23:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.55		2.0	0.55	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluorooctanesulfonic acid (PFOS)	**13**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		2.0	0.43	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluorohexanesulfonic acid (PFHxS)	**2.0**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluorobutanesulfonic acid (PFBS)	**5.9**		2.0	0.41	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluorododecanoic acid (PFDoA)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluoroundecanoic acid (PFUnA)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluorodecanoic acid (PFDA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluorononanoic acid (PFNA)	**2.4**		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluorooctanoic acid (PFOA)	**5.8**		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluoroheptanoic acid (PFHpA)	**3.0**		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluorohexanoic acid (PFHxA)	**5.0**		2.0	0.41	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluoropentanoic acid (PFPeA)	**7.0**		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:36	1
Perfluorobutanoic acid (PFBA)	**5.8**		2.0	0.51	ng/L		02/20/25 08:27	02/20/25 23:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C2-8:2-FTS	*106*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C2-6:2-FTS	*111*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C2-4:2-FTS	*165*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C8 PFOS	*100*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C3 PFBS	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C3 HFPO-DA	*92*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C2 PFDoA	*93*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C7 PFUnA	*87*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C6 PFDA	*83*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C9 PFNA	*85*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C8 PFOA	*92*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C4 PFHpA	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*
13C5 PFHxA	*99*		*50 - 200*	*02/20/25 08:27*	*02/20/25 23:36*	*1*

Client Sample ID: Mims Well 10
Date Collected: 02/18/25 12:35
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-12
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	143		50 - 200	02/20/25 08:27	02/20/25 23:36	1
13C4 PFBA	65		50 - 200	02/20/25 08:27	02/20/25 23:36	1

Client Sample ID: Mims POE
Date Collected: 02/18/25 11:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-13
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.31		2.0	0.31	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluoro(4-methoxybutanoic acid)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 23:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.50		2.0	0.50	ng/L		02/20/25 08:27	02/20/25 23:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 23:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 23:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.52		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 23:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 23:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		02/20/25 08:27	02/20/25 23:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.55		2.0	0.55	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluorooctanesulfonic acid (PFOS)	**13**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.43		2.0	0.43	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluorohexanesulfonic acid (PFHxS)	**4.3**		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluoropentanesulfonic acid (PFPeS)	**0.66**	J	2.0	0.36	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluorobutanesulfonic acid (PFBS)	**5.9**		2.0	0.41	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluorododecanoic acid (PFDoA)	<0.34		2.0	0.34	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluoroundecanoic acid (PFUnA)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluorodecanoic acid (PFDA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluorononanoic acid (PFNA)	**1.1**	J	2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluorooctanoic acid (PFOA)	**6.4**		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluoroheptanoic acid (PFHpA)	**2.5**		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluorohexanoic acid (PFHxA)	**3.9**		2.0	0.41	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluoropentanoic acid (PFPeA)	**5.1**		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 23:50	1
Perfluorobutanoic acid (PFBA)	**5.3**		2.0	0.51	ng/L		02/20/25 08:27	02/20/25 23:50	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	100		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C2-8:2-FTS	107		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C2-6:2-FTS	120		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C2-4:2-FTS	167		50 - 200	02/20/25 08:27	02/20/25 23:50	1

Client Sample ID: Mims POE
Date Collected: 02/18/25 11:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-13
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	98		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C3 PFBS	100		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C3 HFPO-DA	91		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C2 PFDoA	102		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C7 PFUnA	94		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C6 PFDA	94		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C9 PFNA	92		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C8 PFOA	95		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C4 PFHpA	101		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C5 PFHxA	98		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C5 PFPeA	135		50 - 200	02/20/25 08:27	02/20/25 23:50	1
13C4 PFBA	44	*5-	50 - 200	02/20/25 08:27	02/20/25 23:50	1

Client Sample ID: San Seb FB
Date Collected: 02/18/25 09:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-14
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.89		1.9	0.89	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.30		1.9	0.30	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluoro(4-methoxybutanoic acid)	<0.33		1.9	0.33	ng/L		02/25/25 08:13	02/26/25 01:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.49		1.9	0.49	ng/L		02/25/25 08:13	02/26/25 01:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.43		1.9	0.43	ng/L		02/25/25 08:13	02/26/25 01:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		02/25/25 08:13	02/26/25 01:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.50		1.9	0.50	ng/L		02/25/25 08:13	02/26/25 01:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.54		1.9	0.54	ng/L		02/25/25 08:13	02/26/25 01:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		02/25/25 08:13	02/26/25 01:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.53		1.9	0.53	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.43		1.9	0.43	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluorooctanesulfonic acid (PFOS)	<0.37		1.9	0.37	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.42		1.9	0.42	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluorohexanesulfonic acid (PFHxS)	<0.37		1.9	0.37	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluoropentanesulfonic acid (PFPeS)	<0.35		1.9	0.35	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluorobutanesulfonic acid (PFBS)	<0.40		1.9	0.40	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluorododecanoic acid (PFDoA)	<0.33		1.9	0.33	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluoroundecanoic acid (PFUnA)	<0.36		1.9	0.36	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluorodecanoic acid (PFDA)	<0.34		1.9	0.34	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluorononanoic acid (PFNA)	<0.36		1.9	0.36	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluorooctanoic acid (PFOA)	<0.36		1.9	0.36	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluoroheptanoic acid (PFHpA)	<0.38		1.9	0.38	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluorohexanoic acid (PFHxA)	<0.40		1.9	0.40	ng/L		02/25/25 08:13	02/26/25 01:32	1

Client Sample ID: San Seb FB
Date Collected: 02/18/25 09:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-14
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	<0.36		1.9	0.36	ng/L		02/25/25 08:13	02/26/25 01:32	1
Perfluorobutanoic acid (PFBA)	<0.49		1.9	0.49	ng/L		02/25/25 08:13	02/26/25 01:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*89*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C2-8:2-FTS	*94*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C2-6:2-FTS	*91*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C2-4:2-FTS	*83*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C8 PFOS	*94*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C3 PFBS	*93*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C3 HFPO-DA	*77*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C2 PFDoA	*88*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C7 PFUnA	*90*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C6 PFDA	*92*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C9 PFNA	*90*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C8 PFOA	*89*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C4 PFHpA	*83*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C5 PFHxA	*82*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C5 PFPeA	*95*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*
13C4 PFBA	*86*		*50 - 200*	*02/25/25 08:13*	*02/26/25 01:32*	*1*

Isotope Dilution Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C3PFHS (50-200)	82FTS (50-200)	62FTS (50-200)	42FTS (50-200)	C8PFOS (50-200)	C3PFBS (50-200)	HFPODA (50-200)	PFDoA (50-200)
810-138423-1	BFB Well 1	97	115	138	197	97	88	85	99
810-138423-2	BFB Well 6	93	102	121	186	96	84	81	91
810-138423-2 MS	BFB Well 6 MS	97	106	128	192	97	84	87	95
810-138423-2 MSD	BFB Well 6 MSD	97	109	131	199	97	86	87	90
810-138423-3	BFB Well 4	98	107	120	192	98	93	89	99
810-138423-4	BFB Well 9	99	105	124	191	98	93	91	94
810-138423-5	BFB POE	98	103	118	181	97	94	88	87
810-138423-6	San Seb Well 4	98	101	114	176	98	93	87	94
810-138423-6 MS	San Seb Well 4 MS	97	104	117	183	97	93	90	91
810-138423-6 MSD	San Seb Well 4 MSD	98	103	115	178	96	93	91	92
810-138423-7	San Seb POE	98	104	113	167	97	92	89	92
810-138423-8	Mims Well 6	96	100	110	155	96	96	89	88
810-138423-9	Mims Well 2	94	102	123	187	94	90	84	70
810-138423-9 MS	Mims Well 2 MS	101	115	141	212 *5+	101	94	91	79
810-138423-9 MSD	Mims Well 2 MSD	96	105	138	202 *5+	97	91	89	80
810-138423-10	Mims Well 4	83	101	131	172	86	65	69	50
810-138423-11	Mims Well 11	98	101	106	138	97	102	87	83
810-138423-12	Mims Well 10	99	106	111	165	100	99	92	93
810-138423-13	Mims POE	100	107	120	167	98	100	91	102
810-138423-14	San Seb FB	89	94	91	83	94	93	77	88
LCS 810-133916/3-A	Lab Control Sample	98	96	106	103	96	98	95	93
LLCS 810-133908/2-A	Lab Control Sample	102	101	98	97	98	103	93	96
LLCS 810-133916/2-A	Lab Control Sample	100	96	96	92	96	100	93	95
LLCS 810-134422/2-A	Lab Control Sample	98	99	91	83	97	96	91	97
MBL 810-133908/1-A	Method Blank	102	101	100	96	100	104	92	95
MBL 810-133916/1-A	Method Blank	102	96	97	93	99	102	94	95
MBL 810-134422/1-A	Method Blank	102	100	92	89	101	101	98	103

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C7PUA (50-200)	C6PFDA (50-200)	C9PFNA (50-200)	C8PFOA (50-200)	C4PFHA (50-200)	13C5PHA (50-200)	PFPeA (50-200)	PFBA (50-200)
810-138423-1	BFB Well 1	91	85	81	86	97	93	163	81
810-138423-2	BFB Well 6	77	62	71	82	94	90	156	90
810-138423-2 MS	BFB Well 6 MS	85	80	84	92	97	93	160	86
810-138423-2 MSD	BFB Well 6 MSD	77	69	76	90	98	93	158	95
810-138423-3	BFB Well 4	95	93	91	93	100	97	157	69
810-138423-4	BFB Well 9	88	86	84	90	99	99	153	87
810-138423-5	BFB POE	79	77	79	90	98	97	156	95
810-138423-6	San Seb Well 4	95	94	95	97	99	97	156	96
810-138423-6 MS	San Seb Well 4 MS	88	88	87	94	97	96	150	94
810-138423-6 MSD	San Seb Well 4 MSD	91	91	92	94	96	97	149	93
810-138423-7	San Seb POE	91	95	93	94	99	96	147	56
810-138423-8	Mims Well 6	86	87	88	94	96	96	158	94
810-138423-9	Mims Well 2	71	76	80	87	95	91	166	96
810-138423-9 MS	Mims Well 2 MS	70	70	77	92	100	98	171	99
810-138423-9 MSD	Mims Well 2 MSD	77	79	81	90	96	95	165	95
810-138423-10	Mims Well 4	39 *5-	41 *5-	57	74	81	74	149	79
810-138423-11	Mims Well 11	80	74	77	87	92	96	126	83
810-138423-12	Mims Well 10	87	83	85	92	99	99	143	65
810-138423-13	Mims POE	94	94	92	95	101	98	135	44 *5-

Isotope Dilution Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 810-138423-1
Project/Site: 2025 Quarterly PFAS: Brevard County

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C7PUA (50-200)	C6PFDA (50-200)	C9PFNA (50-200)	C8PFOA (50-200)	C4PFHA (50-200)	13C5PHA (50-200)	PFPeA (50-200)	PFBA (50-200)
810-138423-14	San Seb FB	90	92	90	89	83	82	95	86
LCS 810-133916/3-A	Lab Control Sample	93	94	95	99	97	96	100	96
LLCS 810-133908/2-A	Lab Control Sample	95	97	99	99	96	97	101	88
LLCS 810-133916/2-A	Lab Control Sample	94	96	96	98	98	96	98	96
LLCS 810-134422/2-A	Lab Control Sample	101	100	101	98	92	93	99	94
MBL 810-133908/1-A	Method Blank	95	97	98	100	94	96	101	92
MBL 810-133916/1-A	Method Blank	96	97	99	99	98	97	102	99
MBL 810-134422/1-A	Method Blank	108	109	112	107	102	102	108	103

Surrogate Legend

C3PFHS = 13C3 PFHxS
82FTS = 13C2-8:2-FTS
62FTS = 13C2-6:2-FTS
42FTS = 13C2-4:2-FTS
C8PFOS = 13C8 PFOS
C3PFBS = 13C3 PFBS
HFPODA = 13C3 HFPO-DA
PFDoA = 13C2 PFDoA
13C7PUA = 13C7 PFUnA
C6PFDA = 13C6 PFDA
C9PFNA = 13C9 PFNA
C8PFOA = 13C8 PFOA
C4PFHA = 13C4 PFHpA
13C5PHA = 13C5 PFHxA
PFPeA = 13C5 PFPeA
PFBA = 13C4 PFBA

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MBL 810-133908/1-A
Matrix: Water
Analysis Batch: 134000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133908

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 18:41	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		02/20/25 08:27	02/20/25 18:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 18:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		02/20/25 08:27	02/20/25 18:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		02/20/25 08:27	02/20/25 18:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		02/20/25 08:27	02/20/25 18:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		02/20/25 08:27	02/20/25 18:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45		2.0	0.45	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluorooctanesulfonic acid (PFOS)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluorohexanesulfonic acid (PFHxS)	<0.39		2.0	0.39	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.0	0.37	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluorobutanesulfonic acid (PFBS)	<0.42		2.0	0.42	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluorononanoic acid (PFNA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluorooctanoic acid (PFOA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluoroheptanoic acid (PFHpA)	<0.40		2.0	0.40	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluorohexanoic acid (PFHxA)	<0.42		2.0	0.42	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluoropentanoic acid (PFPeA)	<0.38		2.0	0.38	ng/L		02/20/25 08:27	02/20/25 18:41	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		02/20/25 08:27	02/20/25 18:41	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*102*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C2-8:2-FTS	*101*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C2-6:2-FTS	*100*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C2-4:2-FTS	*96*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C8 PFOS	*100*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C3 PFBS	*104*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C3 HFPO-DA	*92*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C2 PFDoA	*95*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C7 PFUnA	*95*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C6 PFDA	*97*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C9 PFNA	*98*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C8 PFOA	*100*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*
13C4 PFHpA	*94*		*50 - 200*	*02/20/25 08:27*	*02/20/25 18:41*	*1*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-133908/1-A
Matrix: Water
Analysis Batch: 134000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133908

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	96		50 - 200	02/20/25 08:27	02/20/25 18:41	1
13C5 PFPeA	101		50 - 200	02/20/25 08:27	02/20/25 18:41	1
13C4 PFBA	92		50 - 200	02/20/25 08:27	02/20/25 18:41	1

Lab Sample ID: LLCS 810-133908/2-A
Matrix: Water
Analysis Batch: 134000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133908

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.85	J	ng/L		92	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	2.10		ng/L		105	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.77	J	ng/L		89	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.85	J	ng/L		98	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.54	J	ng/L		82	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.78	J	ng/L		94	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.87	J	ng/L		94	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.91	J	ng/L		99	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.83	J	ng/L		96	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.74	J	ng/L		93	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.82	J	ng/L		102	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.75	J	ng/L		94	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.79	J	ng/L		94	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.67	J	ng/L		91	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.61	J	ng/L		86	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.61	J	ng/L		90	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.03		ng/L		101	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.94	J	ng/L		97	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.95	J	ng/L		98	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.82	J	ng/L		91	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.81	J	ng/L		90	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.09		ng/L		104	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.86	J	ng/L		93	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.80	J	ng/L		90	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.86	J	ng/L		93	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C3 PFHxS	102		50 - 200
13C2-8:2-FTS	101		50 - 200
13C2-6:2-FTS	98		50 - 200
13C2-4:2-FTS	97		50 - 200
13C8 PFOS	98		50 - 200
13C3 PFBS	103		50 - 200
13C3 HFPO-DA	93		50 - 200
13C2 PFDoA	96		50 - 200
13C7 PFUnA	95		50 - 200
13C6 PFDA	97		50 - 200
13C9 PFNA	99		50 - 200
13C8 PFOA	99		50 - 200
13C4 PFHpA	96		50 - 200
13C5 PFHxA	97		50 - 200
13C5 PFPeA	101		50 - 200
13C4 PFBA	88		50 - 200

Lab Sample ID: 810-138423-2 MS
Matrix: Water
Analysis Batch: 134000

Client Sample ID: BFB Well 6 MS
Prep Type: Total/NA
Prep Batch: 133908

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	<0.93		197	198		ng/L		101	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		197	225		ng/L		114	70 - 130
Perfluoro(4-methoxybutanoic acid)	<0.35		197	219		ng/L		111	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		186	195		ng/L		105	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		184	206		ng/L		112	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		186	186		ng/L		100	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		197	206		ng/L		104	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		189	198		ng/L		105	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		187	196		ng/L		105	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		185	193		ng/L		105	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45	F1	176	90.8	F1	ng/L		52	70 - 130
Perfluorooctanesulfonic acid (PFOS)	3.7		183	191		ng/L		103	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		188	195		ng/L		104	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	3.5		180	183		ng/L		100	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.37		185	189		ng/L		102	70 - 130
Perfluorobutanesulfonic acid (PFBS)	1.9	J	175	186		ng/L		105	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.35		197	207		ng/L		105	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-138423-2 MS
Matrix: Water
Analysis Batch: 134000

Client Sample ID: BFB Well 6 MS
Prep Type: Total/NA
Prep Batch: 133908

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	<0.38		197	208		ng/L		106	70 - 130
Perfluorodecanoic acid (PFDA)	<0.36		197	211		ng/L		107	70 - 130
Perfluorononanoic acid (PFNA)	<0.38		197	202		ng/L		103	70 - 130
Perfluorooctanoic acid (PFOA)	4.1		197	207		ng/L		103	70 - 130
Perfluoroheptanoic acid (PFHpA)	1.8	J	197	209		ng/L		105	70 - 130
Perfluorohexanoic acid (PFHxA)	2.1		197	207		ng/L		104	70 - 130
Perfluoropentanoic acid (PFPeA)	2.2		197	200		ng/L		101	70 - 130
Perfluorobutanoic acid (PFBA)	2.3		197	203		ng/L		102	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3 PFHxS	*97*		*50 - 200*
13C2-8:2-FTS	*106*		*50 - 200*
13C2-6:2-FTS	*128*		*50 - 200*
13C2-4:2-FTS	*192*		*50 - 200*
13C8 PFOS	*97*		*50 - 200*
13C3 PFBS	*84*		*50 - 200*
13C3 HFPO-DA	*87*		*50 - 200*
13C2 PFDoA	*95*		*50 - 200*
13C7 PFUnA	*85*		*50 - 200*
13C6 PFDA	*80*		*50 - 200*
13C9 PFNA	*84*		*50 - 200*
13C8 PFOA	*92*		*50 - 200*
13C4 PFHpA	*97*		*50 - 200*
13C5 PFHxA	*93*		*50 - 200*
13C5 PFPeA	*160*		*50 - 200*
13C4 PFBA	*86*		*50 - 200*

Lab Sample ID: 810-138423-2 MSD
Matrix: Water
Analysis Batch: 134000

Client Sample ID: BFB Well 6 MSD
Prep Type: Total/NA
Prep Batch: 133908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3,6-dioxaheptanoic acid	<0.93		197	194		ng/L		98	70 - 130	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		197	208		ng/L		105	70 - 130	8	30
Perfluoro(4-methoxybutanoic acid)	<0.35		197	220		ng/L		112	70 - 130	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		186	194		ng/L		104	70 - 130	0	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		184	204		ng/L		111	70 - 130	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		187	181		ng/L		97	70 - 130	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		197	206		ng/L		105	70 - 130	0	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		189	196		ng/L		103	70 - 130	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		188	189		ng/L		101	70 - 130	3	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-138423-2 MSD
Matrix: Water
Analysis Batch: 134000

Client Sample ID: BFB Well 6 MSD
Prep Type: Total/NA
Prep Batch: 133908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		185	195		ng/L		105	70 - 130	1	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45	F1	176	88.9	F1	ng/L		51	70 - 130	2	30
Perfluorooctanesulfonic acid (PFOS)	3.7		183	193		ng/L		104	70 - 130	1	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		188	194		ng/L		103	70 - 130	1	30
Perfluorohexanesulfonic acid (PFHxS)	3.5		180	183		ng/L		100	70 - 130	0	30
Perfluoropentanesulfonic acid (PFPeS)	<0.37		185	190		ng/L		102	70 - 130	0	30
Perfluorobutanesulfonic acid (PFBS)	1.9	J	175	182		ng/L		103	70 - 130	2	30
Perfluorododecanoic acid (PFDoA)	<0.35		197	206		ng/L		104	70 - 130	1	30
Perfluoroundecanoic acid (PFUnA)	<0.38		197	209		ng/L		106	70 - 130	0	30
Perfluorodecanoic acid (PFDA)	<0.36		197	205		ng/L		104	70 - 130	2	30
Perfluorononanoic acid (PFNA)	<0.38		197	207		ng/L		105	70 - 130	2	30
Perfluorooctanoic acid (PFOA)	4.1		197	204		ng/L		101	70 - 130	2	30
Perfluoroheptanoic acid (PFHpA)	1.8	J	197	202		ng/L		101	70 - 130	3	30
Perfluorohexanoic acid (PFHxA)	2.1		197	205		ng/L		103	70 - 130	1	30
Perfluoropentanoic acid (PFPeA)	2.2		197	205		ng/L		103	70 - 130	2	30
Perfluorobutanoic acid (PFBA)	2.3		197	204		ng/L		102	70 - 130	0	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3 PFHxS	*97*		*50 - 200*
13C2-8:2-FTS	*109*		*50 - 200*
13C2-6:2-FTS	*131*		*50 - 200*
13C2-4:2-FTS	*199*		*50 - 200*
13C8 PFOS	*97*		*50 - 200*
13C3 PFBS	*86*		*50 - 200*
13C3 HFPO-DA	*87*		*50 - 200*
13C2 PFDoA	*90*		*50 - 200*
13C7 PFUnA	*77*		*50 - 200*
13C6 PFDA	*69*		*50 - 200*
13C9 PFNA	*76*		*50 - 200*
13C8 PFOA	*90*		*50 - 200*
13C4 PFHpA	*98*		*50 - 200*
13C5 PFHxA	*93*		*50 - 200*
13C5 PFPeA	*158*		*50 - 200*
13C4 PFBA	*95*		*50 - 200*

Lab Sample ID: 810-138423-6 MS
Matrix: Water
Analysis Batch: 134000

Client Sample ID: San Seb Well 4 MS
Prep Type: Total/NA
Prep Batch: 133908

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	<0.95		198	202		ng/L		102	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-138423-6 MS
Matrix: Water
Analysis Batch: 134000

Client Sample ID: San Seb Well 4 MS
Prep Type: Total/NA
Prep Batch: 133908

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.33		198	205		ng/L		103	70 - 130
Perfluoro(4-methoxybutanoic acid)	<0.36		198	215		ng/L		109	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.52		187	191		ng/L		102	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.46		185	194		ng/L		105	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		187	189		ng/L		101	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.54		198	205		ng/L		104	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.58		190	192		ng/L		101	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.70		188	195		ng/L		103	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.57		185	189		ng/L		102	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.46	F1	176	96.8	F1	ng/L		55	70 - 130
Perfluorooctanesulfonic acid (PFOS)	<0.40		183	188		ng/L		102	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.45		189	195		ng/L		103	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<0.40		180	183		ng/L		101	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.38		186	197		ng/L		106	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.43		175	181		ng/L		103	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.36		198	206		ng/L		104	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.39		198	207		ng/L		105	70 - 130
Perfluorodecanoic acid (PFDA)	<0.37		198	206		ng/L		104	70 - 130
Perfluorononanoic acid (PFNA)	<0.39		198	204		ng/L		103	70 - 130
Perfluorooctanoic acid (PFOA)	0.98	J	198	202		ng/L		102	70 - 130
Perfluoroheptanoic acid (PFHpA)	0.57	J	198	205		ng/L		104	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.43		198	205		ng/L		104	70 - 130
Perfluoropentanoic acid (PFPeA)	0.48	J	198	204		ng/L		103	70 - 130
Perfluorobutanoic acid (PFBA)	0.73	J	198	202		ng/L		102	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3 PFHxS	*97*		*50 - 200*
13C2-8:2-FTS	*104*		*50 - 200*
13C2-6:2-FTS	*117*		*50 - 200*
13C2-4:2-FTS	*183*		*50 - 200*
13C8 PFOS	*97*		*50 - 200*
13C3 PFBS	*93*		*50 - 200*
13C3 HFPO-DA	*90*		*50 - 200*
13C2 PFDoA	*91*		*50 - 200*
13C7 PFUnA	*88*		*50 - 200*
13C6 PFDA	*88*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-138423-6 MS
Matrix: Water
Analysis Batch: 134000

Client Sample ID: San Seb Well 4 MS
Prep Type: Total/NA
Prep Batch: 133908

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C9 PFNA	87		50 - 200
13C8 PFOA	94		50 - 200
13C4 PFHpA	97		50 - 200
13C5 PFHxA	96		50 - 200
13C5 PFPeA	150		50 - 200
13C4 PFBA	94		50 - 200

Lab Sample ID: 810-138423-6 MSD
Matrix: Water
Analysis Batch: 134000

Client Sample ID: San Seb Well 4 MSD
Prep Type: Total/NA
Prep Batch: 133908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3,6-dioxaheptanoic acid	<0.95		209	215		ng/L		103	70 - 130	7	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.33		209	217		ng/L		104	70 - 130	6	30
Perfluoro(4-methoxybutanoic acid)	<0.36		209	227		ng/L		108	70 - 130	5	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.52		197	197		ng/L		100	70 - 130	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.46		195	205		ng/L		105	70 - 130	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		198	202		ng/L		102	70 - 130	7	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.54		209	218		ng/L		104	70 - 130	6	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.58		201	201		ng/L		100	70 - 130	5	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.70		199	203		ng/L		102	70 - 130	4	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.57		196	204		ng/L		104	70 - 130	7	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.46	F1	187	106	F1	ng/L		57	70 - 130	9	30
Perfluorooctanesulfonic acid (PFOS)	<0.40		194	201		ng/L		104	70 - 130	7	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.45		199	206		ng/L		103	70 - 130	5	30
Perfluorohexanesulfonic acid (PFHxS)	<0.40		191	191		ng/L		100	70 - 130	4	30
Perfluoropentanesulfonic acid (PFPeS)	<0.38		197	205		ng/L		104	70 - 130	4	30
Perfluorobutanesulfonic acid (PFBS)	<0.43		186	192		ng/L		103	70 - 130	6	30
Perfluorododecanoic acid (PFDoA)	<0.36		209	215		ng/L		103	70 - 130	4	30
Perfluoroundecanoic acid (PFUnA)	<0.39		209	217		ng/L		104	70 - 130	5	30
Perfluorodecanoic acid (PFDA)	<0.37		209	218		ng/L		104	70 - 130	6	30
Perfluorononanoic acid (PFNA)	<0.39		209	211		ng/L		101	70 - 130	3	30
Perfluorooctanoic acid (PFOA)	0.98	J	209	213		ng/L		101	70 - 130	5	30
Perfluoroheptanoic acid (PFHpA)	0.57	J	209	220		ng/L		105	70 - 130	7	30
Perfluorohexanoic acid (PFHxA)	<0.43		209	216		ng/L		103	70 - 130	5	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-138423-6 MSD
Matrix: Water
Analysis Batch: 134000

Client Sample ID: San Seb Well 4 MSD
Prep Type: Total/NA
Prep Batch: 133908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)	0.48	J	209	216		ng/L		103	70 - 130	6	30
Perfluorobutanoic acid (PFBA)	0.73	J	209	214		ng/L		102	70 - 130	6	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3 PFHxS	*98*		*50 - 200*
13C2-8:2-FTS	*103*		*50 - 200*
13C2-6:2-FTS	*115*		*50 - 200*
13C2-4:2-FTS	*178*		*50 - 200*
13C8 PFOS	*96*		*50 - 200*
13C3 PFBS	*93*		*50 - 200*
13C3 HFPO-DA	*91*		*50 - 200*
13C2 PFDoA	*92*		*50 - 200*
13C7 PFUnA	*91*		*50 - 200*
13C6 PFDA	*91*		*50 - 200*
13C9 PFNA	*92*		*50 - 200*
13C8 PFOA	*94*		*50 - 200*
13C4 PFHpA	*96*		*50 - 200*
13C5 PFHxA	*97*		*50 - 200*
13C5 PFPeA	*149*		*50 - 200*
13C4 PFBA	*93*		*50 - 200*

Lab Sample ID: MBL 810-133916/1-A
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133916

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		02/20/25 09:13	02/21/25 00:57	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		02/20/25 09:13	02/21/25 00:57	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		02/20/25 09:13	02/21/25 00:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		02/20/25 09:13	02/21/25 00:57	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		02/20/25 09:13	02/21/25 00:57	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		02/20/25 09:13	02/21/25 00:57	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		02/20/25 09:13	02/21/25 00:57	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45		2.0	0.45	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluorooctanesulfonic acid (PFOS)	<0.39		2.0	0.39	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluorohexanesulfonic acid (PFHxS)	<0.39		2.0	0.39	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.0	0.37	ng/L		02/20/25 09:13	02/21/25 00:57	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-133916/1-A
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133916

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	<0.42		2.0	0.42	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluorononanoic acid (PFNA)	<0.38		2.0	0.38	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluorooctanoic acid (PFOA)	<0.38		2.0	0.38	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluoroheptanoic acid (PFHpA)	<0.40		2.0	0.40	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluorohexanoic acid (PFHxA)	<0.42		2.0	0.42	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluoropentanoic acid (PFPeA)	<0.38		2.0	0.38	ng/L		02/20/25 09:13	02/21/25 00:57	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		02/20/25 09:13	02/21/25 00:57	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*102*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C2-8:2-FTS	*96*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C2-6:2-FTS	*97*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C2-4:2-FTS	*93*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C8 PFOS	*99*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C3 PFBS	*102*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C3 HFPO-DA	*94*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C2 PFDoA	*95*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C7 PFUnA	*96*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C6 PFDA	*97*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C9 PFNA	*99*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C8 PFOA	*99*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C4 PFHpA	*98*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C5 PFHxA	*97*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C5 PFPeA	*102*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*
13C4 PFBA	*99*		*50 - 200*	*02/20/25 09:13*	*02/21/25 00:57*	*1*

Lab Sample ID: LCS 810-133916/3-A
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133916

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	200	200		ng/L		100	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	200	203		ng/L		101	70 - 130
Perfluoro(4-methoxybutanoic acid)	200	190		ng/L		95	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	189	183		ng/L		97	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	187	173		ng/L		92	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	189	185		ng/L		98	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	200	198		ng/L		99	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	192	187		ng/L		98	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 810-133916/3-A
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133916

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	190	182		ng/L		95	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	188	179		ng/L		96	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	178	171		ng/L		96	70 - 130
Perfluorooctanesulfonic acid (PFOS)	186	182		ng/L		98	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	191	187		ng/L		98	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	183	174		ng/L		96	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	188	179		ng/L		95	70 - 130
Perfluorobutanesulfonic acid (PFBS)	178	176		ng/L		99	70 - 130
Perfluorododecanoic acid (PFDoA)	200	198		ng/L		99	70 - 130
Perfluoroundecanoic acid (PFUnA)	200	200		ng/L		100	70 - 130
Perfluorodecanoic acid (PFDA)	200	203		ng/L		101	70 - 130
Perfluorononanoic acid (PFNA)	200	193		ng/L		97	70 - 130
Perfluorooctanoic acid (PFOA)	200	190		ng/L		95	70 - 130
Perfluoroheptanoic acid (PFHpA)	200	194		ng/L		97	70 - 130
Perfluorohexanoic acid (PFHxA)	200	197		ng/L		99	70 - 130
Perfluoropentanoic acid (PFPeA)	200	192		ng/L		96	70 - 130
Perfluorobutanoic acid (PFBA)	200	197		ng/L		98	70 - 130

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C3 PFHxS	*98*		*50 - 200*
13C2-8:2-FTS	*96*		*50 - 200*
13C2-6:2-FTS	*106*		*50 - 200*
13C2-4:2-FTS	*103*		*50 - 200*
13C8 PFOS	*96*		*50 - 200*
13C3 PFBS	*98*		*50 - 200*
13C3 HFPO-DA	*95*		*50 - 200*
13C2 PFDoA	*93*		*50 - 200*
13C7 PFUnA	*93*		*50 - 200*
13C6 PFDA	*94*		*50 - 200*
13C9 PFNA	*95*		*50 - 200*
13C8 PFOA	*99*		*50 - 200*
13C4 PFHpA	*97*		*50 - 200*
13C5 PFHxA	*96*		*50 - 200*
13C5 PFPeA	*100*		*50 - 200*
13C4 PFBA	*96*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-133916/2-A
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133916

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.88	J	ng/L		94	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.91	J	ng/L		96	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.73	J	ng/L		86	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.73	J	ng/L		91	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.59	J	ng/L		85	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.78	J	ng/L		94	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.80	J	ng/L		90	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.82	J	ng/L		95	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.82	J	ng/L		96	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.70	J	ng/L		91	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.77	J	ng/L		99	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.76	J	ng/L		95	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.75	J	ng/L		92	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.61	J	ng/L		88	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.64	J	ng/L		87	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.63	J	ng/L		92	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.87	J	ng/L		93	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.91	J	ng/L		95	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.96	J	ng/L		98	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.86	J	ng/L		93	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.82	J	ng/L		91	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.99	J	ng/L		100	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.89	J	ng/L		95	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.78	J	ng/L		89	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	2.01		ng/L		101	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*100*		*50 - 200*
13C2-8:2-FTS	*96*		*50 - 200*
13C2-6:2-FTS	*96*		*50 - 200*
13C2-4:2-FTS	*92*		*50 - 200*
13C8 PFOS	*96*		*50 - 200*
13C3 PFBS	*100*		*50 - 200*
13C3 HFPO-DA	*93*		*50 - 200*
13C2 PFDoA	*95*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-133916/2-A
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133916

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C7 PFUnA	94		50 - 200
13C6 PFDA	96		50 - 200
13C9 PFNA	96		50 - 200
13C8 PFOA	98		50 - 200
13C4 PFHpA	98		50 - 200
13C5 PFHxA	96		50 - 200
13C5 PFPeA	98		50 - 200
13C4 PFBA	96		50 - 200

Lab Sample ID: 810-138423-9 MS
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Mims Well 2 MS
Prep Type: Total/NA
Prep Batch: 133916

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	<0.93		200	200		ng/L		100	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		200	215		ng/L		108	70 - 130
Perfluoro(4-methoxybutanoic acid)	<0.35		200	208		ng/L		104	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		189	189		ng/L		100	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		187	196		ng/L		105	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		189	180		ng/L		95	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		200	203		ng/L		102	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		192	193		ng/L		101	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		190	193		ng/L		102	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		187	186		ng/L		99	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45	F1	178	93.4	F1	ng/L		52	70 - 130
Perfluorooctanesulfonic acid (PFOS)	10		185	195		ng/L		99	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		191	193		ng/L		101	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	2.3		182	180		ng/L		98	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	0.43	J	188	188		ng/L		100	70 - 130
Perfluorobutanesulfonic acid (PFBS)	4.6		177	187		ng/L		103	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.35		200	205		ng/L		102	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.38		200	209		ng/L		104	70 - 130
Perfluorodecanoic acid (PFDA)	<0.36		200	206		ng/L		103	70 - 130
Perfluorononanoic acid (PFNA)	0.95	J	200	204		ng/L		101	70 - 130
Perfluorooctanoic acid (PFOA)	5.2		200	204		ng/L		99	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-138423-9 MS
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Mims Well 2 MS
Prep Type: Total/NA
Prep Batch: 133916

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanoic acid (PFHpA)	2.0		200	205		ng/L		102	70 - 130
Perfluorohexanoic acid (PFHxA)	2.6		200	206		ng/L		102	70 - 130
Perfluoropentanoic acid (PFPeA)	3.6		200	201		ng/L		99	70 - 130
Perfluorobutanoic acid (PFBA)	6.0		200	207		ng/L		100	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3 PFHxS	*101*		*50 - 200*
13C2-8:2-FTS	*115*		*50 - 200*
13C2-6:2-FTS	*141*		*50 - 200*
13C2-4:2-FTS	*212*	*5+	*50 - 200*
13C8 PFOS	*101*		*50 - 200*
13C3 PFBS	*94*		*50 - 200*
13C3 HFPO-DA	*91*		*50 - 200*
13C2 PFDoA	*79*		*50 - 200*
13C7 PFUnA	*70*		*50 - 200*
13C6 PFDA	*70*		*50 - 200*
13C9 PFNA	*77*		*50 - 200*
13C8 PFOA	*92*		*50 - 200*
13C4 PFHpA	*100*		*50 - 200*
13C5 PFHxA	*98*		*50 - 200*
13C5 PFPeA	*171*		*50 - 200*
13C4 PFBA	*99*		*50 - 200*

Lab Sample ID: 810-138423-9 MSD
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Mims Well 2 MSD
Prep Type: Total/NA
Prep Batch: 133916

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3,6-dioxaheptanoic acid	<0.93		193	190		ng/L		98	70 - 130	5	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		193	211		ng/L		109	70 - 130	2	30
Perfluoro(4-methoxybutanoic acid)	<0.35		193	202		ng/L		104	70 - 130	3	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		183	184		ng/L		100	70 - 130	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		181	189		ng/L		104	70 - 130	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		183	180		ng/L		98	70 - 130	0	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		193	194		ng/L		100	70 - 130	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		186	183		ng/L		99	70 - 130	5	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		184	183		ng/L		99	70 - 130	5	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		182	181		ng/L		100	70 - 130	3	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45	F1	173	91.5	F1	ng/L		53	70 - 130	2	30
Perfluorooctanesulfonic acid (PFOS)	10		180	191		ng/L		101	70 - 130	2	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-138423-9 MSD
Matrix: Water
Analysis Batch: 134009

Client Sample ID: Mims Well 2 MSD
Prep Type: Total/NA
Prep Batch: 133916

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		185	188		ng/L		102	70 - 130	3	30
Perfluorohexanesulfonic acid (PFHxS)	2.3		177	177		ng/L		99	70 - 130	2	30
Perfluoropentanesulfonic acid (PFPeS)	0.43	J	182	186		ng/L		102	70 - 130	1	30
Perfluorobutanesulfonic acid (PFBS)	4.6		172	180		ng/L		102	70 - 130	4	30
Perfluorododecanoic acid (PFDoA)	<0.35		193	199		ng/L		103	70 - 130	3	30
Perfluoroundecanoic acid (PFUnA)	<0.38		193	201		ng/L		104	70 - 130	3	30
Perfluorodecanoic acid (PFDA)	<0.36		193	203		ng/L		105	70 - 130	2	30
Perfluorononanoic acid (PFNA)	0.95	J	193	197		ng/L		101	70 - 130	3	30
Perfluorooctanoic acid (PFOA)	5.2		193	199		ng/L		100	70 - 130	2	30
Perfluoroheptanoic acid (PFHpA)	2.0		193	200		ng/L		102	70 - 130	3	30
Perfluorohexanoic acid (PFHxA)	2.6		193	195		ng/L		99	70 - 130	5	30
Perfluoropentanoic acid (PFPeA)	3.6		193	191		ng/L		97	70 - 130	5	30
Perfluorobutanoic acid (PFBA)	6.0		193	199		ng/L		100	70 - 130	4	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3 PFHxS	*96*		*50 - 200*
13C2-8:2-FTS	*105*		*50 - 200*
13C2-6:2-FTS	*138*		*50 - 200*
13C2-4:2-FTS	*202*	*5+	*50 - 200*
13C8 PFOS	*97*		*50 - 200*
13C3 PFBS	*91*		*50 - 200*
13C3 HFPO-DA	*89*		*50 - 200*
13C2 PFDoA	*80*		*50 - 200*
13C7 PFUnA	*77*		*50 - 200*
13C6 PFDA	*79*		*50 - 200*
13C9 PFNA	*81*		*50 - 200*
13C8 PFOA	*90*		*50 - 200*
13C4 PFHpA	*96*		*50 - 200*
13C5 PFHxA	*95*		*50 - 200*
13C5 PFPeA	*165*		*50 - 200*
13C4 PFBA	*95*		*50 - 200*

Lab Sample ID: MBL 810-134422/1-A
Matrix: Water
Analysis Batch: 134498

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134422

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.32		2.0	0.32	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluoro(4-methoxybutanoic acid)	<0.35		2.0	0.35	ng/L		02/25/25 08:13	02/25/25 19:11	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.51		2.0	0.51	ng/L		02/25/25 08:13	02/25/25 19:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.45		2.0	0.45	ng/L		02/25/25 08:13	02/25/25 19:11	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-134422/1-A
Matrix: Water
Analysis Batch: 134498

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134422

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		02/25/25 08:13	02/25/25 19:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.53		2.0	0.53	ng/L		02/25/25 08:13	02/25/25 19:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		02/25/25 08:13	02/25/25 19:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		02/25/25 08:13	02/25/25 19:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.56		2.0	0.56	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.45		2.0	0.45	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluorooctanesulfonic acid (PFOS)	<0.39		2.0	0.39	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.44		2.0	0.44	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluorohexanesulfonic acid (PFHxS)	<0.39		2.0	0.39	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.0	0.37	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluorobutanesulfonic acid (PFBS)	<0.42		2.0	0.42	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluorododecanoic acid (PFDoA)	<0.35		2.0	0.35	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluoroundecanoic acid (PFUnA)	<0.38		2.0	0.38	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluorodecanoic acid (PFDA)	<0.36		2.0	0.36	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluorononanoic acid (PFNA)	<0.38		2.0	0.38	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluorooctanoic acid (PFOA)	<0.38		2.0	0.38	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluoroheptanoic acid (PFHpA)	<0.40		2.0	0.40	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluorohexanoic acid (PFHxA)	<0.42		2.0	0.42	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluoropentanoic acid (PFPeA)	<0.38		2.0	0.38	ng/L		02/25/25 08:13	02/25/25 19:11	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		02/25/25 08:13	02/25/25 19:11	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*102*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C2-8:2-FTS	*100*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C2-6:2-FTS	*92*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C2-4:2-FTS	*89*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C8 PFOS	*101*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C3 PFBS	*101*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C3 HFPO-DA	*98*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C2 PFDoA	*103*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C7 PFUnA	*108*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C6 PFDA	*109*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C9 PFNA	*112*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C8 PFOA	*107*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C4 PFHpA	*102*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C5 PFHxA	*102*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C5 PFPeA	*108*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*
13C4 PFBA	*103*		*50 - 200*	*02/25/25 08:13*	*02/25/25 19:11*	*1*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-134422/2-A
Matrix: Water
Analysis Batch: 134498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134422

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.88	J	ng/L		94	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	2.01		ng/L		100	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.89	J	ng/L		95	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.69	J	ng/L		89	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.71	J	ng/L		91	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.86	J	ng/L		99	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.91	J	ng/L		96	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.72	J	ng/L		90	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.90	J	ng/L		100	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.71	J	ng/L		91	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.88	J	ng/L		105	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.76	J	ng/L		95	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.68	J	ng/L		88	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.59	J	ng/L		87	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.66	J	ng/L		89	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.58	J	ng/L		89	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.87	J	ng/L		93	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.85	J	ng/L		92	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.96	J	ng/L		98	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.76	J	ng/L		88	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.96	J	ng/L		98	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.16		ng/L		108	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.88	J	ng/L		94	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.85	J	ng/L		93	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.87	J	ng/L		94	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*98*		*50 - 200*
13C2-8:2-FTS	*99*		*50 - 200*
13C2-6:2-FTS	*91*		*50 - 200*
13C2-4:2-FTS	*83*		*50 - 200*
13C8 PFOS	*97*		*50 - 200*
13C3 PFBS	*96*		*50 - 200*
13C3 HFPO-DA	*91*		*50 - 200*
13C2 PFDoA	*97*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-134422/2-A
Matrix: Water
Analysis Batch: 134498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134422

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C7 PFUnA	101		50 - 200
13C6 PFDA	100		50 - 200
13C9 PFNA	101		50 - 200
13C8 PFOA	98		50 - 200
13C4 PFHpA	92		50 - 200
13C5 PFHxA	93		50 - 200
13C5 PFPeA	99		50 - 200
13C4 PFBA	94		50 - 200

LCMS

Prep Batch: 133908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-138423-1	BFB Well 1	Total/NA	Water	533	
810-138423-2	BFB Well 6	Total/NA	Water	533	
810-138423-3	BFB Well 4	Total/NA	Water	533	
810-138423-4	BFB Well 9	Total/NA	Water	533	
810-138423-5	BFB POE	Total/NA	Water	533	
810-138423-6	San Seb Well 4	Total/NA	Water	533	
810-138423-7	San Seb POE	Total/NA	Water	533	
810-138423-8	Mims Well 6	Total/NA	Water	533	
810-138423-10	Mims Well 4	Total/NA	Water	533	
810-138423-11	Mims Well 11	Total/NA	Water	533	
810-138423-12	Mims Well 10	Total/NA	Water	533	
810-138423-13	Mims POE	Total/NA	Water	533	
MBL 810-133908/1-A	Method Blank	Total/NA	Water	533	
LLCS 810-133908/2-A	Lab Control Sample	Total/NA	Water	533	
810-138423-2 MS	BFB Well 6 MS	Total/NA	Water	533	
810-138423-2 MSD	BFB Well 6 MSD	Total/NA	Water	533	
810-138423-6 MS	San Seb Well 4 MS	Total/NA	Water	533	
810-138423-6 MSD	San Seb Well 4 MSD	Total/NA	Water	533	

Prep Batch: 133916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-138423-9	Mims Well 2	Total/NA	Water	533	
MBL 810-133916/1-A	Method Blank	Total/NA	Water	533	
LCS 810-133916/3-A	Lab Control Sample	Total/NA	Water	533	
LLCS 810-133916/2-A	Lab Control Sample	Total/NA	Water	533	
810-138423-9 MS	Mims Well 2 MS	Total/NA	Water	533	
810-138423-9 MSD	Mims Well 2 MSD	Total/NA	Water	533	

Analysis Batch: 134000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-138423-1	BFB Well 1	Total/NA	Water	533	133908
810-138423-2	BFB Well 6	Total/NA	Water	533	133908
810-138423-3	BFB Well 4	Total/NA	Water	533	133908
810-138423-4	BFB Well 9	Total/NA	Water	533	133908
810-138423-5	BFB POE	Total/NA	Water	533	133908
810-138423-6	San Seb Well 4	Total/NA	Water	533	133908
810-138423-7	San Seb POE	Total/NA	Water	533	133908
810-138423-8	Mims Well 6	Total/NA	Water	533	133908
810-138423-10	Mims Well 4	Total/NA	Water	533	133908
810-138423-11	Mims Well 11	Total/NA	Water	533	133908
810-138423-12	Mims Well 10	Total/NA	Water	533	133908
810-138423-13	Mims POE	Total/NA	Water	533	133908
MBL 810-133908/1-A	Method Blank	Total/NA	Water	533	133908
LLCS 810-133908/2-A	Lab Control Sample	Total/NA	Water	533	133908
810-138423-2 MS	BFB Well 6 MS	Total/NA	Water	533	133908
810-138423-2 MSD	BFB Well 6 MSD	Total/NA	Water	533	133908
810-138423-6 MS	San Seb Well 4 MS	Total/NA	Water	533	133908
810-138423-6 MSD	San Seb Well 4 MSD	Total/NA	Water	533	133908

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

LCMS

Analysis Batch: 134009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-138423-9	Mims Well 2	Total/NA	Water	533	133916
MBL 810-133916/1-A	Method Blank	Total/NA	Water	533	133916
LCS 810-133916/3-A	Lab Control Sample	Total/NA	Water	533	133916
LLCS 810-133916/2-A	Lab Control Sample	Total/NA	Water	533	133916
810-138423-9 MS	Mims Well 2 MS	Total/NA	Water	533	133916
810-138423-9 MSD	Mims Well 2 MSD	Total/NA	Water	533	133916

Prep Batch: 134422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-138423-14	San Seb FB	Total/NA	Water	533	
MBL 810-134422/1-A	Method Blank	Total/NA	Water	533	
LLCS 810-134422/2-A	Lab Control Sample	Total/NA	Water	533	

Analysis Batch: 134498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-138423-14	San Seb FB	Total/NA	Water	533	134422
MBL 810-134422/1-A	Method Blank	Total/NA	Water	533	134422
LLCS 810-134422/2-A	Lab Control Sample	Total/NA	Water	533	134422

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Client Sample ID: BFB Well 1

Lab Sample ID: 810-138423-1

Date Collected: 02/18/25 08:30
Date Received: 02/19/25 09:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 21:35

Client Sample ID: BFB Well 6

Lab Sample ID: 810-138423-2

Date Collected: 02/18/25 08:45
Date Received: 02/19/25 09:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 19:07

Client Sample ID: BFB Well 4

Lab Sample ID: 810-138423-3

Date Collected: 02/18/25 09:15
Date Received: 02/19/25 09:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 21:49

Client Sample ID: BFB Well 9

Lab Sample ID: 810-138423-4

Date Collected: 02/18/25 09:30
Date Received: 02/19/25 09:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 22:02

Client Sample ID: BFB POE

Lab Sample ID: 810-138423-5

Date Collected: 02/18/25 08:05
Date Received: 02/19/25 09:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 22:29

Client Sample ID: San Seb Well 4

Lab Sample ID: 810-138423-6

Date Collected: 02/18/25 09:40
Date Received: 02/19/25 09:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 19:48

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Client Sample ID: San Seb POE

Lab Sample ID: 810-138423-7

Date Collected: 02/18/25 09:40
Matrix: Water
Date Received: 02/19/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 22:42

Client Sample ID: Mims Well 6

Lab Sample ID: 810-138423-8

Date Collected: 02/18/25 12:15
Matrix: Water
Date Received: 02/19/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 22:56

Client Sample ID: Mims Well 2

Lab Sample ID: 810-138423-9

Date Collected: 02/18/25 12:00
Matrix: Water
Date Received: 02/19/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133916	MP	EA SB	02/20/25 09:13
Total/NA	Analysis	533		1	134009	MH	EA SB	02/21/25 01:37

Client Sample ID: Mims Well 4

Lab Sample ID: 810-138423-10

Date Collected: 02/18/25 12:45
Matrix: Water
Date Received: 02/19/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 23:09

Client Sample ID: Mims Well 11

Lab Sample ID: 810-138423-11

Date Collected: 02/18/25 12:25
Matrix: Water
Date Received: 02/19/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 23:23

Client Sample ID: Mims Well 10

Lab Sample ID: 810-138423-12

Date Collected: 02/18/25 12:35
Matrix: Water
Date Received: 02/19/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 23:36

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Client Sample ID: Mims POE

Date Collected: 02/18/25 11:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			133908	AH	EA SB	02/20/25 08:27
Total/NA	Analysis	533		1	134000	MH	EA SB	02/20/25 23:50

Client Sample ID: San Seb FB

Date Collected: 02/18/25 09:40
Date Received: 02/19/25 09:30

Lab Sample ID: 810-138423-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			134422	MR	EA SB	02/25/25 08:13
Total/NA	Analysis	533		1	134498	MH	EA SB	02/26/25 01:32

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Laboratory: Eurofins Eaton Analytical South Bend

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87775	06-30-25

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA SB
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-138423-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-138423-1	BFB Well 1	Water	02/18/25 08:30	02/19/25 09:30
810-138423-2	BFB Well 6	Water	02/18/25 08:45	02/19/25 09:30
810-138423-3	BFB Well 4	Water	02/18/25 09:15	02/19/25 09:30
810-138423-4	BFB Well 9	Water	02/18/25 09:30	02/19/25 09:30
810-138423-5	BFB POE	Water	02/18/25 08:05	02/19/25 09:30
810-138423-6	San Seb Well 4	Water	02/18/25 09:40	02/19/25 09:30
810-138423-7	San Seb POE	Water	02/18/25 09:40	02/19/25 09:30
810-138423-8	Mims Well 6	Water	02/18/25 12:15	02/19/25 09:30
810-138423-9	Mims Well 2	Water	02/18/25 12:00	02/19/25 09:30
810-138423-10	Mims Well 4	Water	02/18/25 12:45	02/19/25 09:30
810-138423-11	Mims Well 11	Water	02/18/25 12:25	02/19/25 09:30
810-138423-12	Mims Well 10	Water	02/18/25 12:35	02/19/25 09:30
810-138423-13	Mims POE	Water	02/18/25 11:40	02/19/25 09:30
810-138423-14	San Seb FB	Water	02/18/25 09:40	02/19/25 09:30

810-138423 Chain of Custody

d

Chain of Custody Record

eurofins | Environment Testing

Client Contact: Malik McClain	Sampler:	Lab PM: Mattheis, Joe	Carrier Tracking No(s):	COC No: 810-52627-16597.1
	Phone:	E-Mail: Joe.Mattheis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Jacobs Engineering Group, Inc.	PWSID	Analysis Requested		Job #:
Address: 200 South Orange Suite 900	Due Date Requested:			Preservation Codes: I - NH4 Acetate
City: Orlando	TAT Requested (days):			
State, Zip: FL, 32801	Compliance Project: Δ Yes Δ No			
Phone: 808-425-3545(Tel)	PO #: Signed Quote 81009997			
Email: malik.mcclain@jacobs.com	WO #:			
Project Name: 2025 Quarterly PFAS: Brevard County	Project #: 81010005			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
BFB Well 1	2/18/25	08:30	G	Water			X		
BFB Well 6	↓	08:45	↓	Water			↓		
BFB Well 4	↓	09:15	↓	Water			↓		
BFB Well 9	↓	09:30	↓	Water			↓		
BFB POE	↓	08:05	↓	Water			↓		
San Seb Well 4	↓	09:40	↓	Water			↓		
San Seb POE	↓	09:40	↓	Water			↓		
BFB Well 6 Sp.	↓	08:45	↓	Water			↓		
BFB Well 6 Sp. D.	↓	08:45	↓	Water			↓		
San Seb Well 4 Sp.	↓	09:40	↓	Water			↓		
San Seb Well 4 Sp. D.	↓	09:40	↓	Water			↓		

Initial Temp: 0.4 / 0.2 ... / IR Gun #: J1

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ______ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:		Time:		Method of Shipment:
Relinquished by: Malik McClain	Date/Time: 02/18/25 1145	Company	Received by: Fenta TL	Date/Time: 02/19/2025 0930	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks		

Ver: 10/10/2024

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend, IN 46617
Phone: 574-233-4777 Fax: 574-233-8207

Chain of Custody Record

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Client Information	Sampler:	Lab PM: Mattheis, Joe	Carrier Tracking No(s):	COC No: 810-52627-16597.1
Client Contact: Malik McClain	Phone:	E-Mail: Joe.Mattheis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Jacobs Engineering Group, Inc.	PWSID:	Analysis Requested		Job #:
Address: 200 South Orange Suite 900	Due Date Requested:			Preservation Codes: I - NH4 Acetate
City: Orlando	TAT Requested (days):			
State, Zip: FL, 32801	Compliance Project: Δ Yes Δ No			
Phone: 808-425-3545(Tel)	PO #: Signed Quote 81009997			
Email: malik.mcclain@jacobs.com	WO #:			
Project Name: 2025 Quarterly PFAS, Brevard County	Project #: 81010005			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD	533 - All Analytes	Total Number of containers	Special Instructions/Note:
				Preservation Code:			I		
Mims Well 6	2/18/25	12:15	G	Water			X		
Mims Well 2	↓	12:40	↓	Water			↓		
Mims Well 4	↓	12:45	↓	Water			↓		
Mims Well 11	↓	12:25	↓	Water			↓		
Mims Well 10	↓	12:35	↓	Water			↓		
Mims POE	↓	11:40	↓	Water			↓		
Mims Well 2 Sp	↓	12:00	↓	Water			↓		
Mims Well 2 Sp. D.	↓	12:00	↓	Water			↓		
San Sep FB	↓	09:40	↓	Water			↓		
	↓		↓	Water			↓		
	↓		↓	Water			↓		

0.4 / 0.0c / 31

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Malik McClain	Date/Time: 02/18/25 1:45	Company	Received by: [signature]	Date/Time: 02/19/2025 0930	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 10/10/2024

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Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

Job Number: 810-138423-1

Login Number: 138423
List Number: 1
Creator: Trowbridge, Peyton

List Source: Eurofins Eaton Analytical South Bend

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Malik McClain
Jacobs Engineering Group, Inc.
200 South Orange
Suite 900
Orlando, Florida 32801

Generated 5/16/2025 7:23:53 PM

JOB DESCRIPTION

2025 Quarterly PFAS: Brevard County

JOB NUMBER

810-147907-1

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend IN 46617

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization

Generated
5/16/2025 7:23:53 PM

Authorized for release by
Joe Mattheis, Project Manager I
Joe.Mattheis@et.eurofinsus.com
(574)233-4777

Table of Contents

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
810-147907-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/9/2025 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

PFAS
Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: Mims Well 7 (810-147907-11), Mims Well 7 - MS (810-147907-11[MS]) and Mims Well 7 - MSD (810-147907-11[MSD])

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: BFBPOE (810-147907-1), BFB Well 1 (810-147907-2), BFB Well 3 (810-147907-3), BFB Well 9 (810-147907-4), San Seb Well 5 (810-147907-6), San Seb Well 5 - MS (810-147907-6[MS]), San Seb Well 5 - MSD (810-147907-6[MSD]), San Seb POE (810-147907-7), Mims Well 1 (810-147907-8), Mims Well 2 (810-147907-9), Mims Well 11 (810-147907-10), Mims Well 4 (810-147907-12) and Mims Well POE (810-147907-13)

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: BFB Well 7 (810-147907-5), BFB Well 7 - MS (810-147907-5[MS]) and BFB Well 7 - MSD (810-147907-5[MSD])

Method 533: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 810-143535 and analytical batch 810-143636 were outside method 533 control limits in Mims Well 7 - MS (810-147907-11[MS]) and Mims Well 7 - MSD (810-147907-11[MSD]). Perfluoro-3-methoxypropanoic acid (PFMPA) recovery was 47% in the MS and 44% in the MSD. Limit 70-130%. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. Results for PFMPA may be low biased in the parent sample.

Method 533: Isotope Dilution Analyte (IDA) recovery is below the method 533 recommended limit for the following sample: Mims Well 7 - MSD (810-147907-11[MSD]). 13C6 PFDA (48%) and 13C7 PFUnA (44%) recoveries fail low. Limits 50-200%. There is no volume remaining for re-extraction. These IDAs pass in the MS and parent sample.

Method 533: The pH of the following sample was adjusted to pH 7.5 in the laboratory: FB (810-147907-14)

Method 533: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 810-143536 and analytical batch 810-143758 were outside method 533 control limits in San Seb Well 5 - MS (810-147907-6[MS]) and San Seb Well 5 - MSD (810-147907-6[MSD]). Perfluoro-3-methoxypropanoic acid (PFMPA) recovery was 38% in the MS and 37% in the MSD. Limit 70-130%. Sample matrix interference is suspected. Results for PFMPA may be low biased in the parent sample.

Method 533: Isotope Dilution Analyte (IDA) recovery is above the method 533 recommended limit for the following sample: BFB Well 3 (810-147907-3). 13C2-4:2-FTS recovery is 215%. Limit 50-200%. There is no volume remaining for re-extraction.

Method 533: Isotope Dilution Analyte (IDA) recovery is above the method 533 recommended limit for the following sample: Mims Well 1 (810-147907-8). 13C2-4:2-FTS recovery is 233%. Limit 50-200%. There is no volume remaining for re-extraction.

Method 533: Isotope Dilution Analyte (IDA) recovery is above the method 533 recommended limit for the following sample: Mims Well 4 (810-147907-12). 13C2-4:2-FTS recovery is 218%. Limit 50-200%. There is no volume remaining for re-extraction.

Method 533: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 810-143728 and analytical batch 810-144052 were outside method 533 control limits in BFB Well 7 - MS (810-147907-5[MS]) and BFB Well 7 - MSD (810-147907-5[MSD]). Perfluoro-3-methoxypropanoic acid (PFMPA) recovery was 50% in the MS and 50% in the MSD. Limit

Job ID: 810-147907-1 (Continued)

70-130%. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. Results for PFMPA may be low biased in the parent sample.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Client Sample ID: BFBPOE — Lab Sample ID: 810-147907-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	3.6		1.9	0.67	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.9		1.9	0.64	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.4		1.9	0.64	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.5		1.9	0.71	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.0	J	1.9	0.69	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	1.5	J	1.9	0.70	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	1.7	J	1.9	0.74	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	1.0	J	1.9	0.50	ng/L	1		533	Total/NA

Client Sample ID: BFB Well 1 — Lab Sample ID: 810-147907-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	7.1		1.9	0.65	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	7.8		1.9	0.62	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.9		1.9	0.62	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	6.2		1.9	0.70	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.2		1.9	0.68	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	3.4		1.9	0.69	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.2		1.9	0.72	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	2.0		1.9	0.49	ng/L	1		533	Total/NA

Client Sample ID: BFB Well 3 — Lab Sample ID: 810-147907-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	56		2.0	0.69	ng/L	1		533	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	2.3		2.0	0.60	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	11		2.0	0.66	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.9	J	2.0	0.66	ng/L	1		533	Total/NA
Perfluorodecanoic acid (PFDA)	1.5	J	2.0	0.66	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	3.6		2.0	0.73	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	26		2.0	0.74	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.9		2.0	0.72	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.3		2.0	0.73	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	1.8	J	2.0	0.77	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	1.4	J	2.0	0.52	ng/L	1		533	Total/NA

Client Sample ID: BFB Well 9 — Lab Sample ID: 810-147907-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	6.6		1.9	0.66	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.6		1.9	0.63	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.6		1.9	0.63	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	3.8		1.9	0.71	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.7	J	1.9	0.69	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.5		1.9	0.70	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.0		1.9	0.74	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	2.3		1.9	0.50	ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Client Sample ID: BFB Well 7 — Lab Sample ID: 810-147907-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.84	J	1.9	0.65	ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.1		1.9	0.66	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	1.9	0.63	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	0.74	J	1.9	0.71	ng/L	1		533	Total/NA

Client Sample ID: San Seb Well 5 — Lab Sample ID: 810-147907-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.52	J	1.9	0.50	ng/L	1		533	Total/NA

Client Sample ID: San Seb POE — Lab Sample ID: 810-147907-7

No Detections.

Client Sample ID: Mims Well 1 — Lab Sample ID: 810-147907-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	13		2.0	0.69	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.6		2.0	0.66	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	4.9		2.0	0.66	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	1.7	J	2.0	0.73	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	9.6		2.0	0.74	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	4.2		2.0	0.72	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	5.6		2.0	0.73	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	7.1		2.0	0.77	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	9.7		2.0	0.52	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 2 — Lab Sample ID: 810-147907-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	9.8		1.9	0.66	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.1		1.9	0.63	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	4.1		1.9	0.63	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	1.1	J	1.9	0.70	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	5.1		1.9	0.71	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.8	J	1.9	0.69	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.8		1.9	0.70	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	4.1		1.9	0.74	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	5.6		1.9	0.50	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 11 — Lab Sample ID: 810-147907-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	4.0		1.9	0.66	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	9.2		1.9	0.63	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.95	J	1.9	0.66	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.6	J	1.9	0.63	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.3		1.9	0.71	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.77	J	1.9	0.69	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	1.4	J	1.9	0.70	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	1.2	J	1.9	0.74	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	1.8	J	1.9	0.50	ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Client Sample ID: Mims Well 7

Lab Sample ID: 810-147907-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	21		1.9	0.66	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.2		1.9	0.63	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.75	J	1.9	0.66	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	8.9		1.9	0.63	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	1.3	J	1.9	0.69	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	9.8		1.9	0.70	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.5		1.9	0.68	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	6.2		1.9	0.69	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	7.8		1.9	0.73	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	7.1		1.9	0.49	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 4

Lab Sample ID: 810-147907-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	2.5		2.0	0.68	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.6	J	2.0	0.65	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.3	J	2.0	0.65	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	3.7		2.0	0.73	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.6	J	2.0	0.71	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	1.8	J	2.0	0.72	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	2.1		2.0	0.76	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	5.8		2.0	0.51	ng/L	1		533	Total/NA

Client Sample ID: Mims Well POE

Lab Sample ID: 810-147907-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	10		1.9	0.67	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.9		1.9	0.64	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	5.1		1.9	0.64	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.94	J	1.9	0.71	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	5.9		1.9	0.72	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.9		1.9	0.70	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	3.2		1.9	0.71	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	4.1		1.9	0.74	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	4.9		1.9	0.50	ng/L	1		533	Total/NA

Client Sample ID: FB

Lab Sample ID: 810-147907-14

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: BFBPOE
Date Collected: 05/08/25 08:38
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-1
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.90		1.9	0.90	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		1.9	0.78	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluoro(4-methoxybutanoic acid)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 00:08	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.79		1.9	0.79	ng/L		05/12/25 08:38	05/14/25 00:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.94		1.9	0.94	ng/L		05/12/25 08:38	05/14/25 00:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/14/25 00:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		1.9	0.69	ng/L		05/12/25 08:38	05/14/25 00:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		05/12/25 08:38	05/14/25 00:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 00:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		1.9	0.65	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluorooctanesulfonic acid (PFOS)	**3.6**		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluorohexanesulfonic acid (PFHxS)	**1.9**		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluoropentanesulfonic acid (PFPeS)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluorobutanesulfonic acid (PFBS)	**2.4**		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluorododecanoic acid (PFDoA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluoroundecanoic acid (PFUnA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluorodecanoic acid (PFDA)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluorononanoic acid (PFNA)	<0.70		1.9	0.70	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluorooctanoic acid (PFOA)	**2.5**		1.9	0.71	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluoroheptanoic acid (PFHpA)	**1.0**	**J**	1.9	0.69	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluorohexanoic acid (PFHxA)	**1.5**	**J**	1.9	0.70	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluoropentanoic acid (PFPeA)	**1.7**	**J**	1.9	0.74	ng/L		05/12/25 08:38	05/14/25 00:08	1
Perfluorobutanoic acid (PFBA)	**1.0**	**J**	1.9	0.50	ng/L		05/12/25 08:38	05/14/25 00:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*100*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C2-8:2-FTS	*107*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C2-6:2-FTS	*111*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C2-4:2-FTS	*170*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C8 PFOS	*99*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C3 PFBS	*97*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C3 HFPO-DA	*92*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C2 PFDoA	*86*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C7 PFUnA	*75*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C6 PFDA	*67*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C9 PFNA	*69*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C8 PFOA	*85*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*
13C4 PFHpA	*90*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:08*	*1*

Client Sample ID: BFBPOE

Lab Sample ID: 810-147907-1

Date Collected: 05/08/25 08:38
Matrix: Water
Date Received: 05/09/25 09:15

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	102		50 - 200	05/12/25 08:38	05/14/25 00:08	1
13C5 PFPeA	80		50 - 200	05/12/25 08:38	05/14/25 00:08	1
13C4 PFBA	103		50 - 200	05/12/25 08:38	05/14/25 00:08	1

Client Sample ID: BFB Well 1

Lab Sample ID: 810-147907-2

Date Collected: 05/08/25 08:30
Matrix: Water
Date Received: 05/09/25 09:15

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.88		1.9	0.88	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.76		1.9	0.76	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluoro(4-methoxybutanoic acid)	<0.61		1.9	0.61	ng/L		05/12/25 08:38	05/14/25 00:22	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.77		1.9	0.77	ng/L		05/12/25 08:38	05/14/25 00:22	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.91		1.9	0.91	ng/L		05/12/25 08:38	05/14/25 00:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.56		1.9	0.56	ng/L		05/12/25 08:38	05/14/25 00:22	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 00:22	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.54		1.9	0.54	ng/L		05/12/25 08:38	05/14/25 00:22	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 00:22	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.62		1.9	0.62	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluorooctanesulfonic acid (PFOS)	**7.1**		1.9	0.65	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.56		1.9	0.56	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluorohexanesulfonic acid (PFHxS)	**7.8**		1.9	0.62	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluoropentanesulfonic acid (PFPeS)	<0.65		1.9	0.65	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluorobutanesulfonic acid (PFBS)	**2.9**		1.9	0.62	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluorododecanoic acid (PFDoA)	<0.66		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluoroundecanoic acid (PFUnA)	<0.66		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluorodecanoic acid (PFDA)	<0.62		1.9	0.62	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluorononanoic acid (PFNA)	<0.69		1.9	0.69	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluorooctanoic acid (PFOA)	**6.2**		1.9	0.70	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluoroheptanoic acid (PFHpA)	**2.2**		1.9	0.68	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluorohexanoic acid (PFHxA)	**3.4**		1.9	0.69	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluoropentanoic acid (PFPeA)	**3.2**		1.9	0.72	ng/L		05/12/25 08:38	05/14/25 00:22	1
Perfluorobutanoic acid (PFBA)	**2.0**		1.9	0.49	ng/L		05/12/25 08:38	05/14/25 00:22	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	96		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C2-8:2-FTS	101		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C2-6:2-FTS	109		50 - 200	05/12/25 08:38	05/14/25 00:22	1

Client Sample ID: BFB Well 1
Date Collected: 05/08/25 08:30
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-2
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-4:2-FTS	197		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C8 PFOS	95		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C3 PFBS	83		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C3 HFPO-DA	91		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C2 PFDoA	73		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C7 PFUnA	69		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C6 PFDA	69		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C9 PFNA	85		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C8 PFOA	97		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C4 PFHpA	91		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C5 PFHxA	96		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C5 PFPeA	66		50 - 200	05/12/25 08:38	05/14/25 00:22	1
13C4 PFBA	102		50 - 200	05/12/25 08:38	05/14/25 00:22	1

Client Sample ID: BFB Well 3
Date Collected: 05/08/25 08:53
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-3
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		05/12/25 08:38	05/14/25 00:35	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		05/12/25 08:38	05/14/25 00:35	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		05/12/25 08:38	05/14/25 00:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		05/12/25 08:38	05/14/25 00:35	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		05/12/25 08:38	05/14/25 00:35	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		05/12/25 08:38	05/14/25 00:35	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		05/12/25 08:38	05/14/25 00:35	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluorooctanesulfonic acid (PFOS)	**56**		2.0	0.69	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluoroheptanesulfonic acid (PFHpS)	**2.3**		2.0	0.60	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluorohexanesulfonic acid (PFHxS)	**11**		2.0	0.66	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluorobutanesulfonic acid (PFBS)	**1.9**	**J**	2.0	0.66	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluorodecanoic acid (PFDA)	**1.5**	**J**	2.0	0.66	ng/L		05/12/25 08:38	05/14/25 00:35	1

Client Sample ID: BFB Well 3

Lab Sample ID: 810-147907-3

Date Collected: 05/08/25 08:53
Matrix: Water
Date Received: 05/09/25 09:15

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	**3.6**		2.0	0.73	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluorooctanoic acid (PFOA)	**26**		2.0	0.74	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluoroheptanoic acid (PFHpA)	**2.9**		2.0	0.72	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluorohexanoic acid (PFHxA)	**2.3**		2.0	0.73	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluoropentanoic acid (PFPeA)	**1.8**	J	2.0	0.77	ng/L		05/12/25 08:38	05/14/25 00:35	1
Perfluorobutanoic acid (PFBA)	**1.4**	J	2.0	0.52	ng/L		05/12/25 08:38	05/14/25 00:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*104*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C2-8:2-FTS	*122*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C2-6:2-FTS	*125*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C2-4:2-FTS	*215*	*5+	*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C8 PFOS	*102*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C3 PFBS	*96*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C3 HFPO-DA	*95*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C2 PFDoA	*91*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C7 PFUnA	*84*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C6 PFDA	*75*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C9 PFNA	*80*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C8 PFOA	*94*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C4 PFHpA	*94*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C5 PFHxA	*101*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C5 PFPeA	*71*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*
13C4 PFBA	*102*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:35*	*1*

Client Sample ID: BFB Well 9

Lab Sample ID: 810-147907-4

Date Collected: 05/08/25 09:02
Matrix: Water
Date Received: 05/09/25 09:15

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.89		1.9	0.89	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.77		1.9	0.77	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluoro(4-methoxybutanoic acid)	<0.62		1.9	0.62	ng/L		05/12/25 08:38	05/14/25 00:49	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		1.9	0.78	ng/L		05/12/25 08:38	05/14/25 00:49	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		1.9	0.93	ng/L		05/12/25 08:38	05/14/25 00:49	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		1.9	0.57	ng/L		05/12/25 08:38	05/14/25 00:49	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/14/25 00:49	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		05/12/25 08:38	05/14/25 00:49	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		05/12/25 08:38	05/14/25 00:49	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluorooctanesulfonic acid (PFOS)	**6.6**		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 00:49	1

Client Sample ID: BFB Well 9
Date Collected: 05/08/25 09:02
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-4
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		1.9	0.57	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluorohexanesulfonic acid (PFHxS)	**2.6**		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluoropentanesulfonic acid (PFPeS)	<0.66		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluorobutanesulfonic acid (PFBS)	**6.6**		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluorododecanoic acid (PFDoA)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluoroundecanoic acid (PFUnA)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluorodecanoic acid (PFDA)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluorononanoic acid (PFNA)	<0.70		1.9	0.70	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluorooctanoic acid (PFOA)	**3.8**		1.9	0.71	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluoroheptanoic acid (PFHpA)	**1.7**	J	1.9	0.69	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluorohexanoic acid (PFHxA)	**2.5**		1.9	0.70	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluoropentanoic acid (PFPeA)	**3.0**		1.9	0.74	ng/L		05/12/25 08:38	05/14/25 00:49	1
Perfluorobutanoic acid (PFBA)	**2.3**		1.9	0.50	ng/L		05/12/25 08:38	05/14/25 00:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*99*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C2-8:2-FTS	*110*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C2-6:2-FTS	*107*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C2-4:2-FTS	*178*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C8 PFOS	*100*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C3 PFBS	*95*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C3 HFPO-DA	*94*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C2 PFDoA	*87*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C7 PFUnA	*80*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C6 PFDA	*73*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C9 PFNA	*78*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C8 PFOA	*89*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C4 PFHpA	*89*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C5 PFHxA	*104*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C5 PFPeA	*78*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*
13C4 PFBA	*103*		*50 - 200*	*05/12/25 08:38*	*05/14/25 00:49*	*1*

Client Sample ID: BFB Well 7
Date Collected: 05/08/25 09:15
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-5
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.89		1.9	0.89	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.77	F1	1.9	0.77	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluoro(4-methoxybutanoic acid)	<0.62		1.9	0.62	ng/L		05/13/25 08:41	05/15/25 00:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		1.9	0.78	ng/L		05/13/25 08:41	05/15/25 00:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		1.9	0.93	ng/L		05/13/25 08:41	05/15/25 00:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		1.9	0.57	ng/L		05/13/25 08:41	05/15/25 00:47	1

Client Sample ID: BFB Well 7
Date Collected: 05/08/25 09:15
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-5
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		1.9	0.68	ng/L		05/13/25 08:41	05/15/25 00:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.54		1.9	0.54	ng/L		05/13/25 08:41	05/15/25 00:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**0.84**	**J**	1.9	0.65	ng/L		05/13/25 08:41	05/15/25 00:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluorooctanesulfonic acid (PFOS)	**2.1**		1.9	0.66	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		1.9	0.57	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluorohexanesulfonic acid (PFHxS)	**1.0**	**J**	1.9	0.63	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.66		1.9	0.66	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.63		1.9	0.63	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluorododecanoic acid (PFDoA)	<0.67		1.9	0.67	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluoroundecanoic acid (PFUnA)	<0.67		1.9	0.67	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluorodecanoic acid (PFDA)	<0.63		1.9	0.63	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluorononanoic acid (PFNA)	<0.70		1.9	0.70	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluorooctanoic acid (PFOA)	**0.74**	**J**	1.9	0.71	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluoroheptanoic acid (PFHpA)	<0.69		1.9	0.69	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluorohexanoic acid (PFHxA)	<0.70		1.9	0.70	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluoropentanoic acid (PFPeA)	<0.73		1.9	0.73	ng/L		05/13/25 08:41	05/15/25 00:47	1
Perfluorobutanoic acid (PFBA)	<0.50		1.9	0.50	ng/L		05/13/25 08:41	05/15/25 00:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*94*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C2-8:2-FTS	*110*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C2-6:2-FTS	*103*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C2-4:2-FTS	*157*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C8 PFOS	*95*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C3 PFBS	*96*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C3 HFPO-DA	*92*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C2 PFDoA	*89*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C7 PFUnA	*74*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C6 PFDA	*63*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C9 PFNA	*62*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C8 PFOA	*76*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C4 PFHpA	*85*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C5 PFHxA	*100*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C5 PFPeA	*84*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*
13C4 PFBA	*99*		*50 - 200*	*05/13/25 08:41*	*05/15/25 00:47*	*1*

Client Sample ID: San Seb Well 5
Date Collected: 05/08/25 09:45
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-6
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.90		1.9	0.90	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78	F1	1.9	0.78	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluoro(4-methoxybutanoic acid)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/13/25 23:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.79		1.9	0.79	ng/L		05/12/25 08:38	05/13/25 23:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.94		1.9	0.94	ng/L		05/12/25 08:38	05/13/25 23:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/13/25 23:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		1.9	0.69	ng/L		05/12/25 08:38	05/13/25 23:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		05/12/25 08:38	05/13/25 23:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		1.9	0.66	ng/L		05/12/25 08:38	05/13/25 23:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		1.9	0.65	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluorooctanesulfonic acid (PFOS)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluorohexanesulfonic acid (PFHxS)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluoropentanesulfonic acid (PFPeS)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluorobutanesulfonic acid (PFBS)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluorododecanoic acid (PFDoA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluoroundecanoic acid (PFUnA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluorodecanoic acid (PFDA)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluorononanoic acid (PFNA)	<0.71		1.9	0.71	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluorooctanoic acid (PFOA)	<0.71		1.9	0.71	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluoroheptanoic acid (PFHpA)	<0.70		1.9	0.70	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluorohexanoic acid (PFHxA)	<0.71		1.9	0.71	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluoropentanoic acid (PFPeA)	<0.74		1.9	0.74	ng/L		05/12/25 08:38	05/13/25 23:14	1
Perfluorobutanoic acid (PFBA)	**0.52**	**J**	1.9	0.50	ng/L		05/12/25 08:38	05/13/25 23:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*100*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C2-8:2-FTS	*106*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C2-6:2-FTS	*107*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C2-4:2-FTS	*175*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C8 PFOS	*102*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C3 PFBS	*92*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C3 HFPO-DA	*93*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C2 PFDoA	*99*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C7 PFUnA	*97*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C6 PFDA	*92*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C9 PFNA	*95*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C8 PFOA	*96*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C4 PFHpA	*95*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C5 PFHxA	*102*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*
13C5 PFPeA	*72*		*50 - 200*	*05/12/25 08:38*	*05/13/25 23:14*	*1*

Client Sample ID: San Seb Well 5
Date Collected: 05/08/25 09:45
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-6
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	102		50 - 200	05/12/25 08:38	05/13/25 23:14	1

Client Sample ID: San Seb POE
Date Collected: 05/08/25 09:45
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-7
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.89		1.9	0.89	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		1.9	0.78	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluoro(4-methoxybutanoic acid)	<0.62		1.9	0.62	ng/L		05/12/25 08:38	05/14/25 01:02	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.79		1.9	0.79	ng/L		05/12/25 08:38	05/14/25 01:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		1.9	0.93	ng/L		05/12/25 08:38	05/14/25 01:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		1.9	0.57	ng/L		05/12/25 08:38	05/14/25 01:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/14/25 01:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		05/12/25 08:38	05/14/25 01:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		05/12/25 08:38	05/14/25 01:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluorooctanesulfonic acid (PFOS)	<0.66		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		1.9	0.57	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluorohexanesulfonic acid (PFHxS)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluoropentanesulfonic acid (PFPeS)	<0.66		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluorobutanesulfonic acid (PFBS)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluorododecanoic acid (PFDoA)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluoroundecanoic acid (PFUnA)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluorodecanoic acid (PFDA)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluorononanoic acid (PFNA)	<0.70		1.9	0.70	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluorooctanoic acid (PFOA)	<0.71		1.9	0.71	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluoroheptanoic acid (PFHpA)	<0.69		1.9	0.69	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluorohexanoic acid (PFHxA)	<0.70		1.9	0.70	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluoropentanoic acid (PFPeA)	<0.74		1.9	0.74	ng/L		05/12/25 08:38	05/14/25 01:02	1
Perfluorobutanoic acid (PFBA)	<0.50		1.9	0.50	ng/L		05/12/25 08:38	05/14/25 01:02	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	99		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C2-8:2-FTS	106		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C2-6:2-FTS	112		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C2-4:2-FTS	159		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C8 PFOS	100		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C3 PFBS	94		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C3 HFPO-DA	95		50 - 200	05/12/25 08:38	05/14/25 01:02	1

Client Sample ID: San Seb POE
Date Collected: 05/08/25 09:45
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-7
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDoA	92		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C7 PFUnA	91		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C6 PFDA	88		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C9 PFNA	85		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C8 PFOA	92		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C4 PFHpA	89		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C5 PFHxA	99		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C5 PFPeA	74		50 - 200	05/12/25 08:38	05/14/25 01:02	1
13C4 PFBA	100		50 - 200	05/12/25 08:38	05/14/25 01:02	1

Client Sample ID: Mims Well 1
Date Collected: 05/08/25 11:56
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-8
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		05/12/25 08:38	05/14/25 01:16	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		05/12/25 08:38	05/14/25 01:16	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		05/12/25 08:38	05/14/25 01:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		05/12/25 08:38	05/14/25 01:16	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		05/12/25 08:38	05/14/25 01:16	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		05/12/25 08:38	05/14/25 01:16	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		05/12/25 08:38	05/14/25 01:16	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluorooctanesulfonic acid (PFOS)	**13**		2.0	0.69	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluorohexanesulfonic acid (PFHxS)	**2.6**		2.0	0.66	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluorobutanesulfonic acid (PFBS)	**4.9**		2.0	0.66	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluorononanoic acid (PFNA)	**1.7**	J	2.0	0.73	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluorooctanoic acid (PFOA)	**9.6**		2.0	0.74	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluoroheptanoic acid (PFHpA)	**4.2**		2.0	0.72	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluorohexanoic acid (PFHxA)	**5.6**		2.0	0.73	ng/L		05/12/25 08:38	05/14/25 01:16	1

Client Sample ID: Mims Well 1
Date Collected: 05/08/25 11:56
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-8
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	**7.1**		2.0	0.77	ng/L		05/12/25 08:38	05/14/25 01:16	1
Perfluorobutanoic acid (PFBA)	**9.7**		2.0	0.52	ng/L		05/12/25 08:38	05/14/25 01:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*100*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C2-8:2-FTS	*125*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C2-6:2-FTS	*128*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C2-4:2-FTS	*233*	*5+	*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C8 PFOS	*96*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C3 PFBS	*84*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C3 HFPO-DA	*85*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C2 PFDoA	*79*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C7 PFUnA	*71*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C6 PFDA	*76*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C9 PFNA	*84*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C8 PFOA	*96*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C4 PFHpA	*91*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C5 PFHxA	*89*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C5 PFPeA	*57*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*
13C4 PFBA	*101*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:16*	*1*

Client Sample ID: Mims Well 2
Date Collected: 05/08/25 11:50
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-9
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.89		1.9	0.89	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		1.9	0.78	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluoro(4-methoxybutanoic acid)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:30	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.79		1.9	0.79	ng/L		05/12/25 08:38	05/14/25 01:30	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		1.9	0.93	ng/L		05/12/25 08:38	05/14/25 01:30	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/14/25 01:30	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/14/25 01:30	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		05/12/25 08:38	05/14/25 01:30	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		05/12/25 08:38	05/14/25 01:30	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluorooctanesulfonic acid (PFOS)	**9.8**		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluorohexanesulfonic acid (PFHxS)	**2.1**		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:30	1

Client Sample ID: Mims Well 2
Date Collected: 05/08/25 11:50
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-9
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.66		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluorobutanesulfonic acid (PFBS)	**4.1**		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluorododecanoic acid (PFDoA)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluoroundecanoic acid (PFUnA)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluorodecanoic acid (PFDA)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluorononanoic acid (PFNA)	**1.1**	J	1.9	0.70	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluorooctanoic acid (PFOA)	**5.1**		1.9	0.71	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluoroheptanoic acid (PFHpA)	**1.8**	J	1.9	0.69	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluorohexanoic acid (PFHxA)	**2.8**		1.9	0.70	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluoropentanoic acid (PFPeA)	**4.1**		1.9	0.74	ng/L		05/12/25 08:38	05/14/25 01:30	1
Perfluorobutanoic acid (PFBA)	**5.6**		1.9	0.50	ng/L		05/12/25 08:38	05/14/25 01:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*97*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C2-8:2-FTS	*107*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C2-6:2-FTS	*112*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C2-4:2-FTS	*195*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C8 PFOS	*97*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C3 PFBS	*93*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C3 HFPO-DA	*91*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C2 PFDoA	*87*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C7 PFUnA	*83*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C6 PFDA	*79*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C9 PFNA	*79*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C8 PFOA	*90*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C4 PFHpA	*90*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C5 PFHxA	*100*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C5 PFPeA	*72*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*
13C4 PFBA	*101*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:30*	*1*

Client Sample ID: Mims Well 11
Date Collected: 05/08/25 11:55
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-10
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.89		1.9	0.89	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		1.9	0.78	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluoro(4-methoxybutanoic acid)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:43	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.79		1.9	0.79	ng/L		05/12/25 08:38	05/14/25 01:43	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.93		1.9	0.93	ng/L		05/12/25 08:38	05/14/25 01:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/14/25 01:43	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/14/25 01:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		05/12/25 08:38	05/14/25 01:43	1

Client Sample ID: Mims Well 11
Date Collected: 05/08/25 11:55
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-10
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		05/12/25 08:38	05/14/25 01:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluorooctanesulfonic acid (PFOS)	**4.0**		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluorohexanesulfonic acid (PFHxS)	**9.2**		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluoropentanesulfonic acid (PFPeS)	**0.95**	J	1.9	0.66	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluorobutanesulfonic acid (PFBS)	**1.6**	J	1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluorododecanoic acid (PFDoA)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluoroundecanoic acid (PFUnA)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluorodecanoic acid (PFDA)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluorononanoic acid (PFNA)	<0.70		1.9	0.70	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluorooctanoic acid (PFOA)	**2.3**		1.9	0.71	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluoroheptanoic acid (PFHpA)	**0.77**	J	1.9	0.69	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluorohexanoic acid (PFHxA)	**1.4**	J	1.9	0.70	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluoropentanoic acid (PFPeA)	**1.2**	J	1.9	0.74	ng/L		05/12/25 08:38	05/14/25 01:43	1
Perfluorobutanoic acid (PFBA)	**1.8**	J	1.9	0.50	ng/L		05/12/25 08:38	05/14/25 01:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*104*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C2-8:2-FTS	*104*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C2-6:2-FTS	*112*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C2-4:2-FTS	*139*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C8 PFOS	*101*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C3 PFBS	*102*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C3 HFPO-DA	*96*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C2 PFDoA	*96*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C7 PFUnA	*96*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C6 PFDA	*94*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C9 PFNA	*96*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C8 PFOA	*100*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C4 PFHpA	*97*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C5 PFHxA	*103*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C5 PFPeA	*93*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*
13C4 PFBA	*101*		*50 - 200*	*05/12/25 08:38*	*05/14/25 01:43*	*1*

Client Sample ID: Mims Well 7
Date Collected: 05/08/25 12:10
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-11
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.88		1.9	0.88	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.77	F1	1.9	0.77	ng/L		05/12/25 08:35	05/13/25 06:02	1

Client Sample ID: Mims Well 7
Date Collected: 05/08/25 12:10
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-11
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro(4-methoxybutanoic acid)	<0.62		1.9	0.62	ng/L		05/12/25 08:35	05/13/25 06:02	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		1.9	0.78	ng/L		05/12/25 08:35	05/13/25 06:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.92		1.9	0.92	ng/L		05/12/25 08:35	05/13/25 06:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		1.9	0.57	ng/L		05/12/25 08:35	05/13/25 06:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		1.9	0.68	ng/L		05/12/25 08:35	05/13/25 06:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.54		1.9	0.54	ng/L		05/12/25 08:35	05/13/25 06:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		05/12/25 08:35	05/13/25 06:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluorooctanesulfonic acid (PFOS)	**21**		1.9	0.66	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		1.9	0.57	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluorohexanesulfonic acid (PFHxS)	**4.2**		1.9	0.63	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluoropentanesulfonic acid (PFPeS)	**0.75**	J	1.9	0.66	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluorobutanesulfonic acid (PFBS)	**8.9**		1.9	0.63	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluorododecanoic acid (PFDoA)	<0.67		1.9	0.67	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluoroundecanoic acid (PFUnA)	<0.67		1.9	0.67	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluorodecanoic acid (PFDA)	<0.63		1.9	0.63	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluorononanoic acid (PFNA)	**1.3**	J	1.9	0.69	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluorooctanoic acid (PFOA)	**9.8**		1.9	0.70	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluoroheptanoic acid (PFHpA)	**3.5**		1.9	0.68	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluorohexanoic acid (PFHxA)	**6.2**		1.9	0.69	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluoropentanoic acid (PFPeA)	**7.8**		1.9	0.73	ng/L		05/12/25 08:35	05/13/25 06:02	1
Perfluorobutanoic acid (PFBA)	**7.1**		1.9	0.49	ng/L		05/12/25 08:35	05/13/25 06:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*100*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C2-8:2-FTS	*111*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C2-6:2-FTS	*119*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C2-4:2-FTS	*156*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C8 PFOS	*101*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C3 PFBS	*92*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C3 HFPO-DA	*92*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C2 PFDoA	*72*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C7 PFUnA	*70*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C6 PFDA	*70*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C9 PFNA	*73*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C8 PFOA	*90*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C4 PFHpA	*88*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C5 PFHxA	*94*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*
13C5 PFPeA	*79*		*50 - 200*	*05/12/25 08:35*	*05/13/25 06:02*	*1*

Client Sample ID: Mims Well 7
Date Collected: 05/08/25 12:10
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-11
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	101		50 - 200	05/12/25 08:35	05/13/25 06:02	1

Client Sample ID: Mims Well 4
Date Collected: 05/08/25 12:15
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-12
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.80		2.0	0.80	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluoro(4-methoxybutanoic acid)	<0.64		2.0	0.64	ng/L		05/12/25 08:38	05/14/25 02:10	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.81		2.0	0.81	ng/L		05/12/25 08:38	05/14/25 02:10	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.95		2.0	0.95	ng/L		05/12/25 08:38	05/14/25 02:10	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.59		2.0	0.59	ng/L		05/12/25 08:38	05/14/25 02:10	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.70		2.0	0.70	ng/L		05/12/25 08:38	05/14/25 02:10	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		05/12/25 08:38	05/14/25 02:10	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		05/12/25 08:38	05/14/25 02:10	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.66		2.0	0.66	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.65		2.0	0.65	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluorooctanesulfonic acid (PFOS)	**2.5**		2.0	0.68	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.59		2.0	0.59	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluorohexanesulfonic acid (PFHxS)	**1.6**	**J**	2.0	0.65	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluoropentanesulfonic acid (PFPeS)	<0.68		2.0	0.68	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluorobutanesulfonic acid (PFBS)	**1.3**	**J**	2.0	0.65	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluorododecanoic acid (PFDoA)	<0.69		2.0	0.69	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluoroundecanoic acid (PFUnA)	<0.69		2.0	0.69	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluorodecanoic acid (PFDA)	<0.65		2.0	0.65	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluorononanoic acid (PFNA)	<0.72		2.0	0.72	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluorooctanoic acid (PFOA)	**3.7**		2.0	0.73	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluoroheptanoic acid (PFHpA)	**1.6**	**J**	2.0	0.71	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluorohexanoic acid (PFHxA)	**1.8**	**J**	2.0	0.72	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluoropentanoic acid (PFPeA)	**2.1**		2.0	0.76	ng/L		05/12/25 08:38	05/14/25 02:10	1
Perfluorobutanoic acid (PFBA)	**5.8**		2.0	0.51	ng/L		05/12/25 08:38	05/14/25 02:10	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	95		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C2-8:2-FTS	114		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C2-6:2-FTS	125		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C2-4:2-FTS	218	*5+	50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C8 PFOS	100		50 - 200	05/12/25 08:38	05/14/25 02:10	1

Client Sample ID: Mims Well 4
Date Collected: 05/08/25 12:15
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-12
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	76		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C3 HFPO-DA	85		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C2 PFDoA	83		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C7 PFUnA	76		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C6 PFDA	77		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C9 PFNA	91		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C8 PFOA	100		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C4 PFHpA	93		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C5 PFHxA	91		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C5 PFPeA	55		50 - 200	05/12/25 08:38	05/14/25 02:10	1
13C4 PFBA	102		50 - 200	05/12/25 08:38	05/14/25 02:10	1

Client Sample ID: Mims Well POE
Date Collected: 05/08/25 11:35
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-13
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.90		1.9	0.90	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		1.9	0.78	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluoro(4-methoxybutanoic acid)	<0.63		1.9	0.63	ng/L		05/12/25 08:38	05/14/25 02:24	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.79		1.9	0.79	ng/L		05/12/25 08:38	05/14/25 02:24	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.94		1.9	0.94	ng/L		05/12/25 08:38	05/14/25 02:24	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/14/25 02:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		1.9	0.69	ng/L		05/12/25 08:38	05/14/25 02:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		05/12/25 08:38	05/14/25 02:24	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		1.9	0.66	ng/L		05/12/25 08:38	05/14/25 02:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		1.9	0.65	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluorooctanesulfonic acid (PFOS)	**10**		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		1.9	0.58	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluorohexanesulfonic acid (PFHxS)	**3.9**		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluoropentanesulfonic acid (PFPeS)	<0.67		1.9	0.67	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluorobutanesulfonic acid (PFBS)	**5.1**		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluorododecanoic acid (PFDoA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluoroundecanoic acid (PFUnA)	<0.68		1.9	0.68	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluorodecanoic acid (PFDA)	<0.64		1.9	0.64	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluorononanoic acid (PFNA)	**0.94**	**J**	1.9	0.71	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluorooctanoic acid (PFOA)	**5.9**		1.9	0.72	ng/L		05/12/25 08:38	05/14/25 02:24	1

Client Sample ID: Mims Well POE
Date Collected: 05/08/25 11:35
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-13
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	1.9		1.9	0.70	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluorohexanoic acid (PFHxA)	3.2		1.9	0.71	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluoropentanoic acid (PFPeA)	4.1		1.9	0.74	ng/L		05/12/25 08:38	05/14/25 02:24	1
Perfluorobutanoic acid (PFBA)	4.9		1.9	0.50	ng/L		05/12/25 08:38	05/14/25 02:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*105*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C2-8:2-FTS	*121*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C2-6:2-FTS	*116*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C2-4:2-FTS	*183*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C8 PFOS	*106*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C3 PFBS	*100*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C3 HFPO-DA	*95*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C2 PFDoA	*111*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C7 PFUnA	*92*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C6 PFDA	*79*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C9 PFNA	*76*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C8 PFOA	*85*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C4 PFHpA	*90*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C5 PFHxA	*101*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C5 PFPeA	*84*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*
13C4 PFBA	*105*		*50 - 200*	*05/12/25 08:38*	*05/14/25 02:24*	*1*

Client Sample ID: FB
Date Collected: 05/08/25 11:30
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-14
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		05/14/25 05:49	05/15/25 12:34	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		05/14/25 05:49	05/15/25 12:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		05/14/25 05:49	05/15/25 12:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		05/14/25 05:49	05/15/25 12:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		05/14/25 05:49	05/15/25 12:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		05/14/25 05:49	05/15/25 12:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		05/14/25 05:49	05/15/25 12:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		05/14/25 05:49	05/15/25 12:34	1

Client Sample ID: FB
Date Collected: 05/08/25 11:30
Date Received: 05/09/25 09:15

Lab Sample ID: 810-147907-14
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	0.73	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		05/14/25 05:49	05/15/25 12:34	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		05/14/25 05:49	05/15/25 12:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*96*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C2-8:2-FTS	*105*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C2-6:2-FTS	*107*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C2-4:2-FTS	*93*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C8 PFOS	*97*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C3 PFBS	*99*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C3 HFPO-DA	*97*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C2 PFDoA	*95*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C7 PFUnA	*91*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C6 PFDA	*96*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C9 PFNA	*99*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C8 PFOA	*99*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C4 PFHpA	*94*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C5 PFHxA	*98*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C5 PFPeA	*106*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*
13C4 PFBA	*97*		*50 - 200*	*05/14/25 05:49*	*05/15/25 12:34*	*1*

Isotope Dilution Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C3PFHS (50-200)	82FTS (50-200)	62FTS (50-200)	42FTS (50-200)	C8PFOS (50-200)	C3PFBS (50-200)	HFPODA (50-200)	PFDoA (50-200)
810-147907-1	BFBPOE	100	107	111	170	99	97	92	86
810-147907-2	BFB Well 1	96	101	109	197	95	83	91	73
810-147907-3	BFB Well 3	104	122	125	215 *5+	102	96	95	91
810-147907-4	BFB Well 9	99	110	107	178	100	95	94	87
810-147907-5	BFB Well 7	94	110	103	157	95	96	92	89
810-147907-5 MS	BFB Well 7 - MS	93	123	105	156	95	93	95	85
810-147907-5 MSD	BFB Well 7 - MSD	95	112	114	168	100	95	95	95
810-147907-6	San Seb Well 5	100	106	107	175	102	92	93	99
810-147907-6 MS	San Seb Well 5 - MS	99	110	118	174	101	92	96	93
810-147907-6 MSD	San Seb Well 5 - MSD	99	114	118	181	99	91	96	94
810-147907-7	San Seb POE	99	106	112	159	100	94	95	92
810-147907-8	Mims Well 1	100	125	128	233 *5+	96	84	85	79
810-147907-9	Mims Well 2	97	107	112	195	97	93	91	87
810-147907-10	Mims Well 11	104	104	112	139	101	102	96	96
810-147907-11	Mims Well 7	100	111	119	156	101	92	92	72
810-147907-11 MS	Mims Well 7 - MS	95	107	110	151	98	89	88	67
810-147907-11 MSD	Mims Well 7 - MSD	97	115	118	161	99	91	91	56
810-147907-12	Mims Well 4	95	114	125	218 *5+	100	76	85	83
810-147907-13	Mims Well POE	105	121	116	183	106	100	95	111
810-147907-14	FB	96	105	107	93	97	99	97	95
LCS 810-143535/3-A	Lab Control Sample	96	106	120	102	103	94	94	98
LCS 810-143728/3-A	Lab Control Sample	98	111	116	103	96	98	57	84
LLCS 810-143535/2-A	Lab Control Sample	102	105	110	94	105	102	93	97
LLCS 810-143536/2-A	Lab Control Sample	100	96	112	98	96	103	94	90
LLCS 810-143728/2-A	Lab Control Sample	99	103	113	98	99	100	92	93
LLCS 810-143940/2-A	Lab Control Sample	96	102	100	92	96	97	97	97
MBL 810-143535/1-A	Method Blank	100	110	108	95	103	101	85	96
MBL 810-143536/1-A	Method Blank	106	108	116	101	99	103	94	90
MBL 810-143728/1-A	Method Blank	100	105	103	93	101	104	70	79
MBL 810-143940/1-A	Method Blank	98	100	101	98	101	99	103	104

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C7PUA (50-200)	C6PFDA (50-200)	C9PFNA (50-200)	C8PFOA (50-200)	C4PFHA (50-200)	13C5PHA (50-200)	PFPeA (50-200)	PFBA (50-200)
810-147907-1	BFBPOE	75	67	69	85	90	102	80	103
810-147907-2	BFB Well 1	69	69	85	97	91	96	66	102
810-147907-3	BFB Well 3	84	75	80	94	94	101	71	102
810-147907-4	BFB Well 9	80	73	78	89	89	104	78	103
810-147907-5	BFB Well 7	74	63	62	76	85	100	84	99
810-147907-5 MS	BFB Well 7 - MS	68	57	63	85	92	104	80	98
810-147907-5 MSD	BFB Well 7 - MSD	91	80	80	85	88	99	78	99
810-147907-6	San Seb Well 5	97	92	95	96	95	102	72	102
810-147907-6 MS	San Seb Well 5 - MS	92	92	93	97	94	104	73	102
810-147907-6 MSD	San Seb Well 5 - MSD	88	83	83	93	93	103	70	101
810-147907-7	San Seb POE	91	88	85	92	89	99	74	100
810-147907-8	Mims Well 1	71	76	84	96	91	89	57	101
810-147907-9	Mims Well 2	83	79	79	90	90	100	72	101
810-147907-10	Mims Well 11	96	94	96	100	97	103	93	101
810-147907-11	Mims Well 7	70	70	73	90	88	94	79	101
810-147907-11 MS	Mims Well 7 - MS	58	55	69	89	83	91	80	103

Isotope Dilution Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 810-147907-1
Project/Site: 2025 Quarterly PFAS: Brevard County

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C7PUA (50-200)	C6PFDA (50-200)	C9PFNA (50-200)	C8PFOA (50-200)	C4PFHA (50-200)	13C5PHA (50-200)	PFPeA (50-200)	PFBA (50-200)
810-147907-11 MSD	Mims Well 7 - MSD	44 *5-	48 *5-	66	89	88	97	79	103
810-147907-12	Mims Well 4	76	77	91	100	93	91	55	102
810-147907-13	Mims Well POE	92	79	76	85	90	101	84	105
810-147907-14	FB	91	96	99	99	94	98	106	97
LCS 810-143535/3-A	Lab Control Sample	95	96	92	98	92	87	96	97
LCS 810-143728/3-A	Lab Control Sample	82	75	74	70	64	58	62	60
LLCS 810-143535/2-A	Lab Control Sample	97	95	96	102	94	94	100	98
LLCS 810-143536/2-A	Lab Control Sample	93	95	98	99	95	99	106	100
LLCS 810-143728/2-A	Lab Control Sample	92	94	95	96	94	93	99	96
LLCS 810-143940/2-A	Lab Control Sample	100	96	96	97	94	96	101	99
MBL 810-143535/1-A	Method Blank	91	93	92	95	86	82	95	88
MBL 810-143536/1-A	Method Blank	95	95	97	99	99	97	109	101
MBL 810-143728/1-A	Method Blank	76	73	75	77	76	70	73	71
MBL 810-143940/1-A	Method Blank	103	102	104	99	99	97	101	98

Surrogate Legend

C3PFHS = 13C3 PFHxS
82FTS = 13C2-8:2-FTS
62FTS = 13C2-6:2-FTS
42FTS = 13C2-4:2-FTS
C8PFOS = 13C8 PFOS
C3PFBS = 13C3 PFBS
HFPODA = 13C3 HFPO-DA
PFDoA = 13C2 PFDoA
13C7PUA = 13C7 PFUnA
C6PFDA = 13C6 PFDA
C9PFNA = 13C9 PFNA
C8PFOA = 13C8 PFOA
C4PFHA = 13C4 PFHpA
13C5PHA = 13C5 PFHxA
PFPeA = 13C5 PFPeA
PFBA = 13C4 PFBA

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MBL 810-143535/1-A
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143535

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		05/12/25 08:35	05/13/25 05:21	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		05/12/25 08:35	05/13/25 05:21	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		05/12/25 08:35	05/13/25 05:21	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		05/12/25 08:35	05/13/25 05:21	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		05/12/25 08:35	05/13/25 05:21	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		05/12/25 08:35	05/13/25 05:21	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		05/12/25 08:35	05/13/25 05:21	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	0.73	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		05/12/25 08:35	05/13/25 05:21	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		05/12/25 08:35	05/13/25 05:21	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*100*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C2-8:2-FTS	*110*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C2-6:2-FTS	*108*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C2-4:2-FTS	*95*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C8 PFOS	*103*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C3 PFBS	*101*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C3 HFPO-DA	*85*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C2 PFDoA	*96*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C7 PFUnA	*91*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C6 PFDA	*93*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C9 PFNA	*92*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C8 PFOA	*95*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*
13C4 PFHpA	*86*		*50 - 200*	*05/12/25 08:35*	*05/13/25 05:21*	*1*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-143535/1-A
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143535

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	82		50 - 200	05/12/25 08:35	05/13/25 05:21	1
13C5 PFPeA	95		50 - 200	05/12/25 08:35	05/13/25 05:21	1
13C4 PFBA	88		50 - 200	05/12/25 08:35	05/13/25 05:21	1

Lab Sample ID: LCS 810-143535/3-A
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143535

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	400	411		ng/L		103	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	400	404		ng/L		101	70 - 130
Perfluoro(4-methoxybutanoic acid)	400	397		ng/L		99	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	378	353		ng/L		93	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	374	373		ng/L		100	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	378	400		ng/L		106	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	400	393		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	384	387		ng/L		101	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	381	369		ng/L		97	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	375	374		ng/L		100	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	357	366		ng/L		102	70 - 130
Perfluorooctanesulfonic acid (PFOS)	371	356		ng/L		96	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	382	367		ng/L		96	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	365	364		ng/L		100	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	376	378		ng/L		100	70 - 130
Perfluorobutanesulfonic acid (PFBS)	355	351		ng/L		99	70 - 130
Perfluorododecanoic acid (PFDoA)	400	402		ng/L		100	70 - 130
Perfluoroundecanoic acid (PFUnA)	400	407		ng/L		102	70 - 130
Perfluorodecanoic acid (PFDA)	400	398		ng/L		99	70 - 130
Perfluorononanoic acid (PFNA)	400	399		ng/L		100	70 - 130
Perfluorooctanoic acid (PFOA)	400	389		ng/L		97	70 - 130
Perfluoroheptanoic acid (PFHpA)	400	388		ng/L		97	70 - 130
Perfluorohexanoic acid (PFHxA)	400	414		ng/L		103	70 - 130
Perfluoropentanoic acid (PFPeA)	400	388		ng/L		97	70 - 130
Perfluorobutanoic acid (PFBA)	400	396		ng/L		99	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C3 PFHxS	96		50 - 200
13C2-8:2-FTS	106		50 - 200
13C2-6:2-FTS	120		50 - 200
13C2-4:2-FTS	102		50 - 200
13C8 PFOS	103		50 - 200
13C3 PFBS	94		50 - 200
13C3 HFPO-DA	94		50 - 200
13C2 PFDoA	98		50 - 200
13C7 PFUnA	95		50 - 200
13C6 PFDA	96		50 - 200
13C9 PFNA	92		50 - 200
13C8 PFOA	98		50 - 200
13C4 PFHpA	92		50 - 200
13C5 PFHxA	87		50 - 200
13C5 PFPeA	96		50 - 200
13C4 PFBA	97		50 - 200

Lab Sample ID: LLCS 810-143535/2-A
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143535

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.87	J	ng/L		94	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	2.01		ng/L		101	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.95	J	ng/L		98	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.79	J	ng/L		95	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.76	J	ng/L		94	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.80	J	ng/L		95	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.80	J	ng/L		90	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.81	J	ng/L		94	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.83	J	ng/L		96	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.78	J	ng/L		95	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.58	J	ng/L		88	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.75	J	ng/L		94	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.78	J	ng/L		93	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.66	J	ng/L		91	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.74	J	ng/L		92	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.63	J	ng/L		92	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.92	J	ng/L		96	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-143535/2-A
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143535

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.00	1.90	J	ng/L		95	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.93	J	ng/L		97	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.85	J	ng/L		93	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.79	J	ng/L		90	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.87	J	ng/L		94	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.85	J	ng/L		93	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.82	J	ng/L		91	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.83	J	ng/L		92	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*102*		*50 - 200*
13C2-8:2-FTS	*105*		*50 - 200*
13C2-6:2-FTS	*110*		*50 - 200*
13C2-4:2-FTS	*94*		*50 - 200*
13C8 PFOS	*105*		*50 - 200*
13C3 PFBS	*102*		*50 - 200*
13C3 HFPO-DA	*93*		*50 - 200*
13C2 PFDoA	*97*		*50 - 200*
13C7 PFUnA	*97*		*50 - 200*
13C6 PFDA	*95*		*50 - 200*
13C9 PFNA	*96*		*50 - 200*
13C8 PFOA	*102*		*50 - 200*
13C4 PFHpA	*94*		*50 - 200*
13C5 PFHxA	*94*		*50 - 200*
13C5 PFPeA	*100*		*50 - 200*
13C4 PFBA	*98*		*50 - 200*

Lab Sample ID: 810-147907-11 MS
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Mims Well 7 - MS
Prep Type: Total/NA
Prep Batch: 143535

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	<0.88		201	198		ng/L		99	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.77	F1	201	93.4	F1	ng/L		47	70 - 130
Perfluoro(4-methoxybutanoic acid)	<0.62		201	223		ng/L		111	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		190	186		ng/L		98	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.92		188	191		ng/L		102	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		190	199		ng/L		105	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		201	199		ng/L		99	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.54		193	199		ng/L		103	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		191	200		ng/L		104	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-147907-11 MS
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Mims Well 7 - MS
Prep Type: Total/NA
Prep Batch: 143535

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		188	187		ng/L		99	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		179	183		ng/L		102	70 - 130
Perfluorooctanesulfonic acid (PFOS)	21		186	200		ng/L		96	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		192	193		ng/L		101	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	4.2		183	186		ng/L		99	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	0.75	J	189	185		ng/L		98	70 - 130
Perfluorobutanesulfonic acid (PFBS)	8.9		178	185		ng/L		99	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.67		201	205		ng/L		102	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.67		201	194		ng/L		97	70 - 130
Perfluorodecanoic acid (PFDA)	<0.63		201	208		ng/L		103	70 - 130
Perfluorononanoic acid (PFNA)	1.3	J	201	207		ng/L		102	70 - 130
Perfluorooctanoic acid (PFOA)	9.8		201	201		ng/L		95	70 - 130
Perfluoroheptanoic acid (PFHpA)	3.5		201	209		ng/L		102	70 - 130
Perfluorohexanoic acid (PFHxA)	6.2		201	203		ng/L		98	70 - 130
Perfluoropentanoic acid (PFPeA)	7.8		201	208		ng/L		100	70 - 130
Perfluorobutanoic acid (PFBA)	7.1		201	205		ng/L		98	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3 PFHxS	*95*		*50 - 200*
13C2-8:2-FTS	*107*		*50 - 200*
13C2-6:2-FTS	*110*		*50 - 200*
13C2-4:2-FTS	*151*		*50 - 200*
13C8 PFOS	*98*		*50 - 200*
13C3 PFBS	*89*		*50 - 200*
13C3 HFPO-DA	*88*		*50 - 200*
13C2 PFDoA	*67*		*50 - 200*
13C7 PFUnA	*58*		*50 - 200*
13C6 PFDA	*55*		*50 - 200*
13C9 PFNA	*69*		*50 - 200*
13C8 PFOA	*89*		*50 - 200*
13C4 PFHpA	*83*		*50 - 200*
13C5 PFHxA	*91*		*50 - 200*
13C5 PFPeA	*80*		*50 - 200*
13C4 PFBA	*103*		*50 - 200*

Lab Sample ID: 810-147907-11 MSD
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Mims Well 7 - MSD
Prep Type: Total/NA
Prep Batch: 143535

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3,6-dioxaheptanoic acid	<0.88		192	179		ng/L		93	70 - 130	10	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-147907-11 MSD
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Mims Well 7 - MSD
Prep Type: Total/NA
Prep Batch: 143535

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.77	F1	192	84.7	F1	ng/L		44	70 - 130	10	30
Perfluoro(4-methoxybutanoic acid)	<0.62		192	209		ng/L		109	70 - 130	6	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		181	179		ng/L		99	70 - 130	4	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.92		179	184		ng/L		103	70 - 130	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		181	180		ng/L		100	70 - 130	10	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		192	188		ng/L		98	70 - 130	6	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.54		184	178		ng/L		97	70 - 130	11	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		182	172		ng/L		94	70 - 130	15	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		180	166		ng/L		92	70 - 130	12	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		171	183		ng/L		107	70 - 130	0	30
Perfluorooctanesulfonic acid (PFOS)	21		178	195		ng/L		98	70 - 130	2	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		183	185		ng/L		101	70 - 130	4	30
Perfluorohexanesulfonic acid (PFHxS)	4.2		175	178		ng/L		100	70 - 130	4	30
Perfluoropentanesulfonic acid (PFPeS)	0.75	J	180	174		ng/L		96	70 - 130	6	30
Perfluorobutanesulfonic acid (PFBS)	8.9		170	177		ng/L		99	70 - 130	4	30
Perfluorododecanoic acid (PFDoA)	<0.67		192	193		ng/L		101	70 - 130	6	30
Perfluoroundecanoic acid (PFUnA)	<0.67		192	198		ng/L		103	70 - 130	2	30
Perfluorodecanoic acid (PFDA)	<0.63		192	188		ng/L		98	70 - 130	10	30
Perfluorononanoic acid (PFNA)	1.3	J	192	193		ng/L		100	70 - 130	7	30
Perfluorooctanoic acid (PFOA)	9.8		192	193		ng/L		96	70 - 130	4	30
Perfluoroheptanoic acid (PFHpA)	3.5		192	190		ng/L		97	70 - 130	9	30
Perfluorohexanoic acid (PFHxA)	6.2		192	192		ng/L		97	70 - 130	6	30
Perfluoropentanoic acid (PFPeA)	7.8		192	198		ng/L		99	70 - 130	5	30
Perfluorobutanoic acid (PFBA)	7.1		192	190		ng/L		96	70 - 130	7	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3 PFHxS	*97*		*50 - 200*
13C2-8:2-FTS	*115*		*50 - 200*
13C2-6:2-FTS	*118*		*50 - 200*
13C2-4:2-FTS	*161*		*50 - 200*
13C8 PFOS	*99*		*50 - 200*
13C3 PFBS	*91*		*50 - 200*
13C3 HFPO-DA	*91*		*50 - 200*
13C2 PFDoA	*56*		*50 - 200*
13C7 PFUnA	*44*	*5-	*50 - 200*
13C6 PFDA	*48*	*5-	*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-147907-11 MSD
Matrix: Water
Analysis Batch: 143636

Client Sample ID: Mims Well 7 - MSD
Prep Type: Total/NA
Prep Batch: 143535

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C9 PFNA	66		50 - 200
13C8 PFOA	89		50 - 200
13C4 PFHpA	88		50 - 200
13C5 PFHxA	97		50 - 200
13C5 PFPeA	79		50 - 200
13C4 PFBA	103		50 - 200

Lab Sample ID: MBL 810-143536/1-A
Matrix: Water
Analysis Batch: 143758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143536

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		05/12/25 08:38	05/13/25 22:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		05/12/25 08:38	05/13/25 22:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		05/12/25 08:38	05/13/25 22:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		05/12/25 08:38	05/13/25 22:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		05/12/25 08:38	05/13/25 22:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		05/12/25 08:38	05/13/25 22:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		05/12/25 08:38	05/13/25 22:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	0.73	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		05/12/25 08:38	05/13/25 22:47	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		05/12/25 08:38	05/13/25 22:47	1

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	106		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C2-8:2-FTS	108		50 - 200	05/12/25 08:38	05/13/25 22:47	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-143536/1-A
Matrix: Water
Analysis Batch: 143758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143536

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-6:2-FTS	116		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C2-4:2-FTS	101		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C8 PFOS	99		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C3 PFBS	103		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C3 HFPO-DA	94		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C2 PFDoA	90		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C7 PFUnA	95		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C6 PFDA	95		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C9 PFNA	97		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C8 PFOA	99		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C4 PFHpA	99		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C5 PFHxA	97		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C5 PFPeA	109		50 - 200	05/12/25 08:38	05/13/25 22:47	1
13C4 PFBA	101		50 - 200	05/12/25 08:38	05/13/25 22:47	1

Lab Sample ID: LLCS 810-143536/2-A
Matrix: Water
Analysis Batch: 143758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143536

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.92	J	ng/L		96	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.97	J	ng/L		99	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.93	J	ng/L		96	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.81	J	ng/L		96	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.92	J	ng/L		103	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.87	J	ng/L		99	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.81	J	ng/L		90	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	2.01		ng/L		105	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.76	J	ng/L		93	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.72	J	ng/L		92	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.86	J	ng/L		104	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.79	J	ng/L		96	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.83	J	ng/L		96	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.69	J	ng/L		93	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.71	J	ng/L		91	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.61	J	ng/L		91	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-143536/2-A
Matrix: Water
Analysis Batch: 143758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143536

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	2.00	1.96	J	ng/L		98	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.97	J	ng/L		98	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.95	J	ng/L		97	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.84	J	ng/L		92	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.81	J	ng/L		91	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.90	J	ng/L		95	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.92	J	ng/L		96	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.92	J	ng/L		96	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	2.00		ng/L		100	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*100*		*50 - 200*
13C2-8:2-FTS	*96*		*50 - 200*
13C2-6:2-FTS	*112*		*50 - 200*
13C2-4:2-FTS	*98*		*50 - 200*
13C8 PFOS	*96*		*50 - 200*
13C3 PFBS	*103*		*50 - 200*
13C3 HFPO-DA	*94*		*50 - 200*
13C2 PFDoA	*90*		*50 - 200*
13C7 PFUnA	*93*		*50 - 200*
13C6 PFDA	*95*		*50 - 200*
13C9 PFNA	*98*		*50 - 200*
13C8 PFOA	*99*		*50 - 200*
13C4 PFHpA	*95*		*50 - 200*
13C5 PFHxA	*99*		*50 - 200*
13C5 PFPeA	*106*		*50 - 200*
13C4 PFBA	*100*		*50 - 200*

Lab Sample ID: 810-147907-6 MS
Matrix: Water
Analysis Batch: 143758

Client Sample ID: San Seb Well 5 - MS
Prep Type: Total/NA
Prep Batch: 143536

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	<0.90		197	183		ng/L		93	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78	F1	197	75.2	F1	ng/L		38	70 - 130
Perfluoro(4-methoxybutanoic acid)	<0.63		197	218		ng/L		111	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.79		186	183		ng/L		98	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.94		184	180		ng/L		98	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		187	180		ng/L		97	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		197	191		ng/L		97	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		189	183		ng/L		97	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-147907-6 MS
Matrix: Water
Analysis Batch: 143758

Client Sample ID: San Seb Well 5 - MS
Prep Type: Total/NA
Prep Batch: 143536

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		188	172		ng/L		92	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		185	193		ng/L		104	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64		176	205		ng/L		116	70 - 130
Perfluorooctanesulfonic acid (PFOS)	<0.67		183	176		ng/L		96	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		188	183		ng/L		98	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<0.64		180	173		ng/L		96	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.67		185	182		ng/L		98	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.64		175	174		ng/L		100	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.68		197	196		ng/L		100	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.68		197	196		ng/L		100	70 - 130
Perfluorodecanoic acid (PFDA)	<0.64		197	189		ng/L		96	70 - 130
Perfluorononanoic acid (PFNA)	<0.71		197	194		ng/L		99	70 - 130
Perfluorooctanoic acid (PFOA)	<0.71		197	187		ng/L		95	70 - 130
Perfluoroheptanoic acid (PFHpA)	<0.70		197	189		ng/L		96	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.71		197	186		ng/L		95	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.74		197	189		ng/L		96	70 - 130
Perfluorobutanoic acid (PFBA)	0.52	J	197	189		ng/L		95	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3 PFHxS	*99*		*50 - 200*
13C2-8:2-FTS	*110*		*50 - 200*
13C2-6:2-FTS	*118*		*50 - 200*
13C2-4:2-FTS	*174*		*50 - 200*
13C8 PFOS	*101*		*50 - 200*
13C3 PFBS	*92*		*50 - 200*
13C3 HFPO-DA	*96*		*50 - 200*
13C2 PFDoA	*93*		*50 - 200*
13C7 PFUnA	*92*		*50 - 200*
13C6 PFDA	*92*		*50 - 200*
13C9 PFNA	*93*		*50 - 200*
13C8 PFOA	*97*		*50 - 200*
13C4 PFHpA	*94*		*50 - 200*
13C5 PFHxA	*104*		*50 - 200*
13C5 PFPeA	*73*		*50 - 200*
13C4 PFBA	*102*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-147907-6 MSD
Matrix: Water
Analysis Batch: 143758

Client Sample ID: San Seb Well 5 - MSD
Prep Type: Total/NA
Prep Batch: 143536

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3,6-dioxaheptanoic acid	<0.90		194	183		ng/L		95	70 - 130	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78	F1	194	72.5	F1	ng/L		37	70 - 130	4	30
Perfluoro(4-methoxybutanoic acid)	<0.63		194	220		ng/L		113	70 - 130	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.79		183	181		ng/L		99	70 - 130	1	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.94		181	185		ng/L		102	70 - 130	3	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		183	177		ng/L		96	70 - 130	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		194	191		ng/L		99	70 - 130	0	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		186	168		ng/L		90	70 - 130	8	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		184	177		ng/L		96	70 - 130	3	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		182	184		ng/L		102	70 - 130	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64		173	206		ng/L		119	70 - 130	1	30
Perfluorooctanesulfonic acid (PFOS)	<0.67		180	175		ng/L		98	70 - 130	0	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		185	183		ng/L		99	70 - 130	0	30
Perfluorohexanesulfonic acid (PFHxS)	<0.64		177	173		ng/L		98	70 - 130	0	30
Perfluoropentanesulfonic acid (PFPeS)	<0.67		182	182		ng/L		100	70 - 130	0	30
Perfluorobutanesulfonic acid (PFBS)	<0.64		172	173		ng/L		100	70 - 130	1	30
Perfluorododecanoic acid (PFDoA)	<0.68		194	194		ng/L		100	70 - 130	1	30
Perfluoroundecanoic acid (PFUnA)	<0.68		194	190		ng/L		98	70 - 130	3	30
Perfluorodecanoic acid (PFDA)	<0.64		194	190		ng/L		98	70 - 130	1	30
Perfluorononanoic acid (PFNA)	<0.71		194	196		ng/L		101	70 - 130	1	30
Perfluorooctanoic acid (PFOA)	<0.71		194	192		ng/L		99	70 - 130	3	30
Perfluoroheptanoic acid (PFHpA)	<0.70		194	193		ng/L		100	70 - 130	2	30
Perfluorohexanoic acid (PFHxA)	<0.71		194	189		ng/L		97	70 - 130	1	30
Perfluoropentanoic acid (PFPeA)	<0.74		194	190		ng/L		98	70 - 130	0	30
Perfluorobutanoic acid (PFBA)	0.52	J	194	192		ng/L		99	70 - 130	2	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3 PFHxS	*99*		*50 - 200*
13C2-8:2-FTS	*114*		*50 - 200*
13C2-6:2-FTS	*118*		*50 - 200*
13C2-4:2-FTS	*181*		*50 - 200*
13C8 PFOS	*99*		*50 - 200*
13C3 PFBS	*91*		*50 - 200*
13C3 HFPO-DA	*96*		*50 - 200*
13C2 PFDoA	*94*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-147907-6 MSD
Matrix: Water
Analysis Batch: 143758

Client Sample ID: San Seb Well 5 - MSD
Prep Type: Total/NA
Prep Batch: 143536

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C7 PFUnA	88		50 - 200
13C6 PFDA	83		50 - 200
13C9 PFNA	83		50 - 200
13C8 PFOA	93		50 - 200
13C4 PFHpA	93		50 - 200
13C5 PFHxA	103		50 - 200
13C5 PFPeA	70		50 - 200
13C4 PFBA	101		50 - 200

Lab Sample ID: MBL 810-143728/1-A
Matrix: Water
Analysis Batch: 144052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143728

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		05/13/25 08:41	05/15/25 00:06	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.82		2.0	0.82	ng/L		05/13/25 08:41	05/15/25 00:06	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.97		2.0	0.97	ng/L		05/13/25 08:41	05/15/25 00:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		05/13/25 08:41	05/15/25 00:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		05/13/25 08:41	05/15/25 00:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		05/13/25 08:41	05/15/25 00:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		05/13/25 08:41	05/15/25 00:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	0.73	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		05/13/25 08:41	05/15/25 00:06	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		05/13/25 08:41	05/15/25 00:06	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	100		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C2-8:2-FTS	105		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C2-6:2-FTS	103		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C2-4:2-FTS	93		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C8 PFOS	101		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C3 PFBS	104		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C3 HFPO-DA	70		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C2 PFDoA	79		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C7 PFUnA	76		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C6 PFDA	73		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C9 PFNA	75		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C8 PFOA	77		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C4 PFHpA	76		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C5 PFHxA	70		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C5 PFPeA	73		50 - 200	05/13/25 08:41	05/15/25 00:06	1
13C4 PFBA	71		50 - 200	05/13/25 08:41	05/15/25 00:06	1

Lab Sample ID: LCS 810-143728/3-A
Matrix: Water
Analysis Batch: 144052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143728

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	200	190		ng/L		95	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	200	201		ng/L		101	70 - 130
Perfluoro(4-methoxybutanoic acid)	200	199		ng/L		100	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	189	189		ng/L		100	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	187	199		ng/L		107	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	189	169		ng/L		89	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	200	205		ng/L		102	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	192	203		ng/L		106	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	190	198		ng/L		104	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	188	202		ng/L		108	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	178	186		ng/L		104	70 - 130
Perfluorooctanesulfonic acid (PFOS)	186	194		ng/L		104	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	191	199		ng/L		105	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	183	185		ng/L		101	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	188	197		ng/L		105	70 - 130
Perfluorobutanesulfonic acid (PFBS)	178	189		ng/L		106	70 - 130
Perfluorododecanoic acid (PFDoA)	200	208		ng/L		104	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 810-143728/3-A
Matrix: Water
Analysis Batch: 144052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143728

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	200	203		ng/L		101	70 - 130
Perfluorodecanoic acid (PFDA)	200	203		ng/L		101	70 - 130
Perfluorononanoic acid (PFNA)	200	202		ng/L		101	70 - 130
Perfluorooctanoic acid (PFOA)	200	195		ng/L		98	70 - 130
Perfluoroheptanoic acid (PFHpA)	200	208		ng/L		104	70 - 130
Perfluorohexanoic acid (PFHxA)	200	205		ng/L		103	70 - 130
Perfluoropentanoic acid (PFPeA)	200	206		ng/L		103	70 - 130
Perfluorobutanoic acid (PFBA)	200	203		ng/L		102	70 - 130

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C3 PFHxS	*98*		*50 - 200*
13C2-8:2-FTS	*111*		*50 - 200*
13C2-6:2-FTS	*116*		*50 - 200*
13C2-4:2-FTS	*103*		*50 - 200*
13C8 PFOS	*96*		*50 - 200*
13C3 PFBS	*98*		*50 - 200*
13C3 HFPO-DA	*57*		*50 - 200*
13C2 PFDoA	*84*		*50 - 200*
13C7 PFUnA	*82*		*50 - 200*
13C6 PFDA	*75*		*50 - 200*
13C9 PFNA	*74*		*50 - 200*
13C8 PFOA	*70*		*50 - 200*
13C4 PFHpA	*64*		*50 - 200*
13C5 PFHxA	*58*		*50 - 200*
13C5 PFPeA	*62*		*50 - 200*
13C4 PFBA	*60*		*50 - 200*

Lab Sample ID: LLCS 810-143728/2-A
Matrix: Water
Analysis Batch: 144052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143728

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.97	J	ng/L		99	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	2.08		ng/L		104	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.90	J	ng/L		95	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.88	J	ng/L		99	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.85	J	ng/L		99	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.90	J	ng/L		100	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.94	J	ng/L		97	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	2.17		ng/L		113	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	2.03		ng/L		107	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-143728/2-A
Matrix: Water
Analysis Batch: 144052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143728

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	2.03		ng/L		108	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.93	J	ng/L		108	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.89	J	ng/L		102	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.82	J	ng/L		96	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.72	J	ng/L		94	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.87	J	ng/L		99	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.75	J	ng/L		99	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.05		ng/L		102	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.99	J	ng/L		99	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.94	J	ng/L		97	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.83	J	ng/L		91	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.95	J	ng/L		97	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.95	J	ng/L		97	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.92	J	ng/L		96	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.99	J	ng/L		99	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.96	J	ng/L		98	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*99*		*50 - 200*
13C2-8:2-FTS	*103*		*50 - 200*
13C2-6:2-FTS	*113*		*50 - 200*
13C2-4:2-FTS	*98*		*50 - 200*
13C8 PFOS	*99*		*50 - 200*
13C3 PFBS	*100*		*50 - 200*
13C3 HFPO-DA	*92*		*50 - 200*
13C2 PFDoA	*93*		*50 - 200*
13C7 PFUnA	*92*		*50 - 200*
13C6 PFDA	*94*		*50 - 200*
13C9 PFNA	*95*		*50 - 200*
13C8 PFOA	*96*		*50 - 200*
13C4 PFHpA	*94*		*50 - 200*
13C5 PFHxA	*93*		*50 - 200*
13C5 PFPeA	*99*		*50 - 200*
13C4 PFBA	*96*		*50 - 200*

Lab Sample ID: 810-147907-5 MS
Matrix: Water
Analysis Batch: 144052

Client Sample ID: BFB Well 7 - MS
Prep Type: Total/NA
Prep Batch: 143728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	<0.89		197	198		ng/L		100	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-147907-5 MS
Matrix: Water
Analysis Batch: 144052

Client Sample ID: BFB Well 7 - MS
Prep Type: Total/NA
Prep Batch: 143728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.77	F1	197	99.5	F1	ng/L		50	70 - 130
Perfluoro(4-methoxybutanoic acid)	<0.62		197	218		ng/L		111	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		186	195		ng/L		105	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		184	198		ng/L		108	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		186	193		ng/L		103	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		197	202		ng/L		103	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.54		189	203		ng/L		107	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.84	J	188	201		ng/L		107	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		185	205		ng/L		111	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		176	180		ng/L		102	70 - 130
Perfluorooctanesulfonic acid (PFOS)	2.1		183	194		ng/L		105	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		188	194		ng/L		103	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	180	189		ng/L		104	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.66		185	201		ng/L		108	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.63		175	185		ng/L		106	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.67		197	207		ng/L		105	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.67		197	205		ng/L		104	70 - 130
Perfluorodecanoic acid (PFDA)	<0.63		197	205		ng/L		104	70 - 130
Perfluorononanoic acid (PFNA)	<0.70		197	215		ng/L		109	70 - 130
Perfluorooctanoic acid (PFOA)	0.74	J	197	199		ng/L		101	70 - 130
Perfluoroheptanoic acid (PFHpA)	<0.69		197	207		ng/L		105	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.70		197	204		ng/L		103	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.73		197	207		ng/L		105	70 - 130
Perfluorobutanoic acid (PFBA)	<0.50		197	205		ng/L		104	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3 PFHxS	*93*		*50 - 200*
13C2-8:2-FTS	*123*		*50 - 200*
13C2-6:2-FTS	*105*		*50 - 200*
13C2-4:2-FTS	*156*		*50 - 200*
13C8 PFOS	*95*		*50 - 200*
13C3 PFBS	*93*		*50 - 200*
13C3 HFPO-DA	*95*		*50 - 200*
13C2 PFDoA	*85*		*50 - 200*
13C7 PFUnA	*68*		*50 - 200*
13C6 PFDA	*57*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-147907-5 MS
Matrix: Water
Analysis Batch: 144052

Client Sample ID: BFB Well 7 - MS
Prep Type: Total/NA
Prep Batch: 143728

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C9 PFNA	63		50 - 200
13C8 PFOA	85		50 - 200
13C4 PFHpA	92		50 - 200
13C5 PFHxA	104		50 - 200
13C5 PFPeA	80		50 - 200
13C4 PFBA	98		50 - 200

Lab Sample ID: 810-147907-5 MSD
Matrix: Water
Analysis Batch: 144052

Client Sample ID: BFB Well 7 - MSD
Prep Type: Total/NA
Prep Batch: 143728

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3,6-dioxaheptanoic acid	<0.89		194	205		ng/L		106	70 - 130	4	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.77	F1	194	96.0	F1	ng/L		50	70 - 130	4	30
Perfluoro(4-methoxybutanoic acid)	<0.62		194	219		ng/L		113	70 - 130	0	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		183	188		ng/L		103	70 - 130	4	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		181	186		ng/L		103	70 - 130	6	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		183	194		ng/L		106	70 - 130	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		194	201		ng/L		104	70 - 130	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.54		186	209		ng/L		113	70 - 130	3	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.84	J	184	195		ng/L		105	70 - 130	3	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		182	194		ng/L		107	70 - 130	5	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		173	173		ng/L		100	70 - 130	4	30
Perfluorooctanesulfonic acid (PFOS)	2.1		180	186		ng/L		103	70 - 130	4	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		185	184		ng/L		99	70 - 130	6	30
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	177	183		ng/L		103	70 - 130	3	30
Perfluoropentanesulfonic acid (PFPeS)	<0.66		182	189		ng/L		104	70 - 130	6	30
Perfluorobutanesulfonic acid (PFBS)	<0.63		172	181		ng/L		105	70 - 130	2	30
Perfluorododecanoic acid (PFDoA)	<0.67		194	206		ng/L		106	70 - 130	0	30
Perfluoroundecanoic acid (PFUnA)	<0.67		194	195		ng/L		101	70 - 130	5	30
Perfluorodecanoic acid (PFDA)	<0.63		194	204		ng/L		105	70 - 130	1	30
Perfluorononanoic acid (PFNA)	<0.70		194	203		ng/L		105	70 - 130	6	30
Perfluorooctanoic acid (PFOA)	0.74	J	194	200		ng/L		103	70 - 130	0	30
Perfluoroheptanoic acid (PFHpA)	<0.69		194	205		ng/L		106	70 - 130	1	30
Perfluorohexanoic acid (PFHxA)	<0.70		194	207		ng/L		107	70 - 130	2	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-147907-5 MSD
Matrix: Water
Analysis Batch: 144052

Client Sample ID: BFB Well 7 - MSD
Prep Type: Total/NA
Prep Batch: 143728

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)	<0.73		194	204		ng/L		105	70 - 130	2	30
Perfluorobutanoic acid (PFBA)	<0.50		194	201		ng/L		104	70 - 130	2	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3 PFHxS	*95*		*50 - 200*
13C2-8:2-FTS	*112*		*50 - 200*
13C2-6:2-FTS	*114*		*50 - 200*
13C2-4:2-FTS	*168*		*50 - 200*
13C8 PFOS	*100*		*50 - 200*
13C3 PFBS	*95*		*50 - 200*
13C3 HFPO-DA	*95*		*50 - 200*
13C2 PFDoA	*95*		*50 - 200*
13C7 PFUnA	*91*		*50 - 200*
13C6 PFDA	*80*		*50 - 200*
13C9 PFNA	*80*		*50 - 200*
13C8 PFOA	*85*		*50 - 200*
13C4 PFHpA	*88*		*50 - 200*
13C5 PFHxA	*99*		*50 - 200*
13C5 PFPeA	*78*		*50 - 200*
13C4 PFBA	*99*		*50 - 200*

Lab Sample ID: MBL 810-143940/1-A
Matrix: Water
Analysis Batch: 144068

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143940

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		05/14/25 05:49	05/15/25 07:08	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		05/14/25 05:49	05/15/25 07:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		05/14/25 05:49	05/15/25 07:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		05/14/25 05:49	05/15/25 07:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		05/14/25 05:49	05/15/25 07:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		05/14/25 05:49	05/15/25 07:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		05/14/25 05:49	05/15/25 07:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		05/14/25 05:49	05/15/25 07:08	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-143940/1-A
Matrix: Water
Analysis Batch: 144068

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143940

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	0.73	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		05/14/25 05:49	05/15/25 07:08	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		05/14/25 05:49	05/15/25 07:08	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*98*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C2-8:2-FTS	*100*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C2-6:2-FTS	*101*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C2-4:2-FTS	*98*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C8 PFOS	*101*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C3 PFBS	*99*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C3 HFPO-DA	*103*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C2 PFDoA	*104*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C7 PFUnA	*103*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C6 PFDA	*102*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C9 PFNA	*104*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C8 PFOA	*99*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C4 PFHpA	*99*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C5 PFHxA	*97*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C5 PFPeA	*101*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*
13C4 PFBA	*98*		*50 - 200*	*05/14/25 05:49*	*05/15/25 07:08*	*1*

Lab Sample ID: LLCS 810-143940/2-A
Matrix: Water
Analysis Batch: 144068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143940

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.98	J	ng/L		99	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.95	J	ng/L		98	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.87	J	ng/L		94	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.71	J	ng/L		91	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.71	J	ng/L		92	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.92	J	ng/L		102	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.86	J	ng/L		93	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.91	J	ng/L		100	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-143940/2-A
Matrix: Water
Analysis Batch: 144068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143940

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.98	J	ng/L		104	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.80	J	ng/L		96	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.66	J	ng/L		93	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.78	J	ng/L		96	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.75	J	ng/L		92	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.62	J	ng/L		89	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.74	J	ng/L		92	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.62	J	ng/L		91	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.87	J	ng/L		94	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.81	J	ng/L		91	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.90	J	ng/L		95	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.06		ng/L		103	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.89	J	ng/L		95	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.88	J	ng/L		94	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	2.00		ng/L		100	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.89	J	ng/L		95	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.90	J	ng/L		95	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*96*		*50 - 200*
13C2-8:2-FTS	*102*		*50 - 200*
13C2-6:2-FTS	*100*		*50 - 200*
13C2-4:2-FTS	*92*		*50 - 200*
13C8 PFOS	*96*		*50 - 200*
13C3 PFBS	*97*		*50 - 200*
13C3 HFPO-DA	*97*		*50 - 200*
13C2 PFDoA	*97*		*50 - 200*
13C7 PFUnA	*100*		*50 - 200*
13C6 PFDA	*96*		*50 - 200*
13C9 PFNA	*96*		*50 - 200*
13C8 PFOA	*97*		*50 - 200*
13C4 PFHpA	*94*		*50 - 200*
13C5 PFHxA	*96*		*50 - 200*
13C5 PFPeA	*101*		*50 - 200*
13C4 PFBA	*99*		*50 - 200*

LCMS

Prep Batch: 143535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-147907-11	Mims Well 7	Total/NA	Water	533	
MBL 810-143535/1-A	Method Blank	Total/NA	Water	533	
LCS 810-143535/3-A	Lab Control Sample	Total/NA	Water	533	
LLCS 810-143535/2-A	Lab Control Sample	Total/NA	Water	533	
810-147907-11 MS	Mims Well 7 - MS	Total/NA	Water	533	
810-147907-11 MSD	Mims Well 7 - MSD	Total/NA	Water	533	

Prep Batch: 143536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-147907-1	BFBPOE	Total/NA	Water	533	
810-147907-2	BFB Well 1	Total/NA	Water	533	
810-147907-3	BFB Well 3	Total/NA	Water	533	
810-147907-4	BFB Well 9	Total/NA	Water	533	
810-147907-6	San Seb Well 5	Total/NA	Water	533	
810-147907-7	San Seb POE	Total/NA	Water	533	
810-147907-8	Mims Well 1	Total/NA	Water	533	
810-147907-9	Mims Well 2	Total/NA	Water	533	
810-147907-10	Mims Well 11	Total/NA	Water	533	
810-147907-12	Mims Well 4	Total/NA	Water	533	
810-147907-13	Mims Well POE	Total/NA	Water	533	
MBL 810-143536/1-A	Method Blank	Total/NA	Water	533	
LLCS 810-143536/2-A	Lab Control Sample	Total/NA	Water	533	
810-147907-6 MS	San Seb Well 5 - MS	Total/NA	Water	533	
810-147907-6 MSD	San Seb Well 5 - MSD	Total/NA	Water	533	

Analysis Batch: 143636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-147907-11	Mims Well 7	Total/NA	Water	533	143535
MBL 810-143535/1-A	Method Blank	Total/NA	Water	533	143535
LCS 810-143535/3-A	Lab Control Sample	Total/NA	Water	533	143535
LLCS 810-143535/2-A	Lab Control Sample	Total/NA	Water	533	143535
810-147907-11 MS	Mims Well 7 - MS	Total/NA	Water	533	143535
810-147907-11 MSD	Mims Well 7 - MSD	Total/NA	Water	533	143535

Prep Batch: 143728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-147907-5	BFB Well 7	Total/NA	Water	533	
MBL 810-143728/1-A	Method Blank	Total/NA	Water	533	
LCS 810-143728/3-A	Lab Control Sample	Total/NA	Water	533	
LLCS 810-143728/2-A	Lab Control Sample	Total/NA	Water	533	
810-147907-5 MS	BFB Well 7 - MS	Total/NA	Water	533	
810-147907-5 MSD	BFB Well 7 - MSD	Total/NA	Water	533	

Analysis Batch: 143758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-147907-1	BFBPOE	Total/NA	Water	533	143536
810-147907-2	BFB Well 1	Total/NA	Water	533	143536
810-147907-3	BFB Well 3	Total/NA	Water	533	143536
810-147907-4	BFB Well 9	Total/NA	Water	533	143536
810-147907-6	San Seb Well 5	Total/NA	Water	533	143536
810-147907-7	San Seb POE	Total/NA	Water	533	143536

LCMS (Continued)

Analysis Batch: 143758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-147907-8	Mims Well 1	Total/NA	Water	533	143536
810-147907-9	Mims Well 2	Total/NA	Water	533	143536
810-147907-10	Mims Well 11	Total/NA	Water	533	143536
810-147907-12	Mims Well 4	Total/NA	Water	533	143536
810-147907-13	Mims Well POE	Total/NA	Water	533	143536
MBL 810-143536/1-A	Method Blank	Total/NA	Water	533	143536
LLCS 810-143536/2-A	Lab Control Sample	Total/NA	Water	533	143536
810-147907-6 MS	San Seb Well 5 - MS	Total/NA	Water	533	143536
810-147907-6 MSD	San Seb Well 5 - MSD	Total/NA	Water	533	143536

Prep Batch: 143940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-147907-14	FB	Total/NA	Water	533	
MBL 810-143940/1-A	Method Blank	Total/NA	Water	533	
LLCS 810-143940/2-A	Lab Control Sample	Total/NA	Water	533	

Analysis Batch: 144052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-147907-5	BFB Well 7	Total/NA	Water	533	143728
MBL 810-143728/1-A	Method Blank	Total/NA	Water	533	143728
LCS 810-143728/3-A	Lab Control Sample	Total/NA	Water	533	143728
LLCS 810-143728/2-A	Lab Control Sample	Total/NA	Water	533	143728
810-147907-5 MS	BFB Well 7 - MS	Total/NA	Water	533	143728
810-147907-5 MSD	BFB Well 7 - MSD	Total/NA	Water	533	143728

Analysis Batch: 144068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-147907-14	FB	Total/NA	Water	533	143940
MBL 810-143940/1-A	Method Blank	Total/NA	Water	533	143940
LLCS 810-143940/2-A	Lab Control Sample	Total/NA	Water	533	143940

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Client Sample ID: BFBPOE

Lab Sample ID: 810-147907-1

Date Collected: 05/08/25 08:38
Date Received: 05/09/25 09:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 00:08

Client Sample ID: BFB Well 1

Lab Sample ID: 810-147907-2

Date Collected: 05/08/25 08:30
Date Received: 05/09/25 09:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 00:22

Client Sample ID: BFB Well 3

Lab Sample ID: 810-147907-3

Date Collected: 05/08/25 08:53
Date Received: 05/09/25 09:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 00:35

Client Sample ID: BFB Well 9

Lab Sample ID: 810-147907-4

Date Collected: 05/08/25 09:02
Date Received: 05/09/25 09:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 00:49

Client Sample ID: BFB Well 7

Lab Sample ID: 810-147907-5

Date Collected: 05/08/25 09:15
Date Received: 05/09/25 09:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143728	ET	EA SB	05/13/25 08:41
Total/NA	Analysis	533		1	144052	MH	EA SB	05/15/25 00:47

Client Sample ID: San Seb Well 5

Lab Sample ID: 810-147907-6

Date Collected: 05/08/25 09:45
Date Received: 05/09/25 09:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/13/25 23:14

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Client Sample ID: San Seb POE

Lab Sample ID: 810-147907-7
Matrix: Water
Date Collected: 05/08/25 09:45
Date Received: 05/09/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 01:02

Client Sample ID: Mims Well 1

Lab Sample ID: 810-147907-8
Matrix: Water
Date Collected: 05/08/25 11:56
Date Received: 05/09/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 01:16

Client Sample ID: Mims Well 2

Lab Sample ID: 810-147907-9
Matrix: Water
Date Collected: 05/08/25 11:50
Date Received: 05/09/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 01:30

Client Sample ID: Mims Well 11

Lab Sample ID: 810-147907-10
Matrix: Water
Date Collected: 05/08/25 11:55
Date Received: 05/09/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 01:43

Client Sample ID: Mims Well 7

Lab Sample ID: 810-147907-11
Matrix: Water
Date Collected: 05/08/25 12:10
Date Received: 05/09/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143535	MM	EA SB	05/12/25 08:35
Total/NA	Analysis	533		1	143636	MH	EA SB	05/13/25 06:02

Client Sample ID: Mims Well 4

Lab Sample ID: 810-147907-12
Matrix: Water
Date Collected: 05/08/25 12:15
Date Received: 05/09/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 02:10

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Client Sample ID: Mims Well POE

Lab Sample ID: 810-147907-13

Date Collected: 05/08/25 11:35
Matrix: Water
Date Received: 05/09/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143536	MM	EA SB	05/12/25 08:38
Total/NA	Analysis	533		1	143758	MH	EA SB	05/14/25 02:24

Client Sample ID: FB

Lab Sample ID: 810-147907-14

Date Collected: 05/08/25 11:30
Matrix: Water
Date Received: 05/09/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			143940	AH	EA SB	05/14/25 05:49
Total/NA	Analysis	533		1	144068	MT	EA SB	05/15/25 12:34

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Laboratory: Eurofins Eaton Analytical South Bend

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87775	06-30-25

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA SB
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-147907-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-147907-1	BFBPOE	Water	05/08/25 08:38	05/09/25 09:15
810-147907-2	BFB Well 1	Water	05/08/25 08:30	05/09/25 09:15
810-147907-3	BFB Well 3	Water	05/08/25 08:53	05/09/25 09:15
810-147907-4	BFB Well 9	Water	05/08/25 09:02	05/09/25 09:15
810-147907-5	BFB Well 7	Water	05/08/25 09:15	05/09/25 09:15
810-147907-6	San Seb Well 5	Water	05/08/25 09:45	05/09/25 09:15
810-147907-7	San Seb POE	Water	05/08/25 09:45	05/09/25 09:15
810-147907-8	Mims Well 1	Water	05/08/25 11:56	05/09/25 09:15
810-147907-9	Mims Well 2	Water	05/08/25 11:50	05/09/25 09:15
810-147907-10	Mims Well 11	Water	05/08/25 11:55	05/09/25 09:15
810-147907-11	Mims Well 7	Water	05/08/25 12:10	05/09/25 09:15
810-147907-12	Mims Well 4	Water	05/08/25 12:15	05/09/25 09:15
810-147907-13	Mims Well POE	Water	05/08/25 11:35	05/09/25 09:15
810-147907-14	FB	Water	05/08/25 11:30	05/09/25 09:15

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend, IN 46617
Phone: 574-233-4777 Fax: 574-233-

Chain of Custody Record

eurofins | Environment Testing

810-147907 COC

Client Information	Sampler: Malik McClain	Lab PM: Mattheis, Joe	Carrier Tracking No(s):	COC No: 810-52627-16597.1
Client Contact: Malik McClain	Phone: 808-425-3545	E-Mail: Joe.Mattheis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Jacobs Engineering Group, Inc	PWSID:			Job #:
Address: 200 South Orange Suite 900	Due Date Requested:			
City: Orlando	TAT Requested (days):			
State, Zip: FL, 32801	Compliance Project: Δ Yes Δ No			
Phone: 808-425-3545(Tel)	PO #: Signed Quote 81009997			
Email: malik.mcclain@jacobs.com	WO #:			
Project Name: 2025 Quarterly PFAS: Brevard County	Project #: 81010005			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: I.- NH4 Acetate

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
BFBPOE	5/8/25	8:38	grab	Water			X		
BFB Well 1	5/8/25	8:30	grab	Water					
BFB Well 3	5/8/25	8:53	grab	Water					
BFB Well 9	5/8/25	9:02	grab	Water					Initial Temp 1.0 Corrected Temp 1.0 IR Gun # 2611
BFB Well 7	5/8/25	9:15	grab	Water					
San Seb Well 5	5/8/25	9:45	grab	Water					
San Seb POE	5/8/25	9:45	grab	Water			↓		
San Seb Well 5 MS	5/8/25	9:45	grab	Water		X			Initial Temp: Corrected Temp: IR Gun #
San Seb Well 5 MSD	5/8/25	9:45	grab	Water		X			
BFB Well 7 MS	5/8/25	9:15	grab	Water		X			
BFB Well 7 MSD	5/8/25	9:15	grab	Water		X			

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks

Ver 10/10/2024

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend, IN 46617
Phone: 574-233-4777 Fax: 574-233-8207

Chain of Custody Record

eurofins | Environment Testing

5/16/20: 473

Client Information	Sampler: Malik McClain	Lab PM: Mattheis, Joe	Carrier Tracking No(s):	COC No: 810-52627-16597 1
Client Contact: Malik McClain	Phone: 808-425-3545	E-Mail: Joe.Mattheis@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 200 South Orange Suite 900	Due Date Requested:			
City: Orlando	TAT Requested (days):			
State, Zip: FL, 32801	Compliance Project: Δ Yes Δ No			
Phone: 808-425-3545(Tel)	PO #: Signed Quote 81009997			
Email: malik.mcclain@jacobs.com	WO #:			
Project Name: 2025 Quarterly PFAS: Brevard County	Project #: 81010005			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: I - NH4 Acetate

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:				1		
Mims Well 1	5/8/25	11:56	grab	Water			X		
Mims Well 2	5/8/25	11:50	grab	Water					
Mims Well 11	5/8/25	11:55	grab	Water					
Mims Well 7	5/8/25	12:10	grab	Water					
Mims Well 4	5/8/25	12:15	grab	Water					
Mims PDS	5/8/25	11:35	grab	Water					
Mims Well 7 M.S.	5/8/25	12:10	grab	Water		X			
Mims Well 7 M.S.D	5/8/25	12:10	grab	Water		X			
FB	5/8/25	11:30		Water			X		
				Water					
				Water					

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Date/Time	Company		Date/Time	Company
Relinquished by			Received by	05-09-2025 0915	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver. 10/10/2024

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

Job Number: 810-147907-1

Login Number: 147907
List Number: 1
Creator: Moore, Gary

List Source: Eurofins Eaton Analytical South Bend

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Were samples preserved to correct pH upon receipt, if applicable?	True	
Container provided by EEA	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Malik McClain
Jacobs Engineering Group, Inc.
200 South Orange
Suite 900
Orlando, Florida 32801

Generated 8/22/2025 5:18:51 AM

JOB DESCRIPTION

2025 Quarterly PFAS: Brevard County

JOB NUMBER

810-159848-1

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend IN 46617

See page two for job notes and contact information.

Eurofins Eaton Analytical South Bend

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization

Generated
8/22/2025 5:18:51 AM

Authorized for release by
Joe Mattheis, Project Manager I
Joe.Mattheis@et.eurofinsus.com
(574)233-4777

Table of Contents

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
B	Analyte was found in the associated method blank.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 810-159848-1 **Eurofins Eaton Analytical South Bend**

Job Narrative
810-159848-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/14/2025 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Receipt Exceptions
FYI for Lab: The sampler wrote the sample ID's on the bottom of the bottles.

PFAS
Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: BFB Well 1 MM (810-159848-1), BFB Well 1 MM - MS (810-159848-1[MS]) and BFB Well 1 MM - MSD (810-159848-1[MSD])

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: BFB Entry Point MM (810-159848-2), BFB Well 7 MM (810-159848-4), BFB Well 9 MM (810-159848-5), BFB Well 4 MM (810-159848-6), SB Entry Point MM (810-159848-7), Mims Entry Point MM (810-159848-9) and Mims Well 6 MM (810-159848-10)

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: Mims Well 7 MM (810-159848-11), Mims Well 5 MM (810-159848-12) and Mims Well 2 MM (810-159848-13)

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: Mims Well 10 MM (810-159848-14), Mims Well 10 MM - MS (810-159848-14[MS]) and Mims Well 10 MM - MSD (810-159848-14[MSD])

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: SB Well 5 MM (810-159848-8), SB Well 5 MM - MS (810-159848-8[MS]) and SB Well 5 MM - MSD (810-159848-8[MSD])

Method 533: The Isotope Dilution Analytes (IDAs) recoveries associated with the BFB Well 1 MM (810-159848-1) matrix spike (MS) for 533 analytical batch 810-156305 are below the method recommended limit. Following IDAs failed in MS: 13C6 PFDA (46%, Limit 50-200%) and 13C7 PFUnA (44%, Limit 50-200%). However, these IDAs passed the method recommendation limit in MSD. Reanalysis showed similar results. No volume left for re-extraction and reanalysis, hence the result have been reported as it is.

Method 533: The pH of the following sample was adjusted to pH 7.5 in the laboratory: BFB FB MM (810-159848-3)

Method 533: Isotope Dilution Analyte (IDA) recovery is below the method 533 recommended limit for the following sample: SB Well 5 MM (810-159848-8). 13C6 PFDA fails low at 48%. Limit 50-200%. This sample was re-analyzed with similar results. There is no volume remaining for re-extraction.

Method 533: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 810-156441 and analytical batch 810-156525 were outside method 533 control limits for Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) in SB Well 5 MM - MS (810-159848-8[MS]) and SB Well 5 MM - MSD (810-159848-8[MSD]). PFEESA recovered at 53% in the MS and 54% in the MSD. Limit 70-130%. The samples were re-analyzed with similar results. There is no volume remaining for re-extraction. Results for PFEESA may be low biased in the parent sample.

Method 533: Isotope Dilution Analyte (IDA) recovery is below the method 533 recommended limit for the following sample: SB Well 5 MM - MSD (810-159848-8[MSD]). 13C6 PFDA fails low at 41%. Limit 50-200%. This sample was re-analyzed with similar

results. There is no volume remaining for re-extraction.

Method 533: The method blank associated with preparation batch 810-156456 and analytical batch 810-156539 contained Perfluorodecanoic acid (PFDA) (0.999 ng/L), Perfluorononanoic acid (PFNA) (0.825 ng/L), Perfluorooctanoic acid (PFOA) (0.709 ng/L) and Perfluoroundecanoic acid (PFUnA) (0.873 ng/L) greater than one-third the reporting limit (RL). There was no volume remaining to re-extract the following sample: Mims Well 10 MM (810-159848-14).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Client Sample ID: BFB Well 1 MM — Lab Sample ID: 810-159848-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	7.0		1.9	0.66	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	5.4		1.9	0.63	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.2		1.9	0.63	ng/L	1		533	Total/NA
Perfluorododecanoic acid (PFDoA)	0.89	J	1.9	0.67	ng/L	1		533	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.3	J	1.9	0.67	ng/L	1		533	Total/NA
Perfluorodecanoic acid (PFDA)	1.2	J	1.9	0.63	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	5.0		1.9	0.71	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.9		1.9	0.69	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.7		1.9	0.70	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	2.3		1.9	0.74	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	1.9		1.9	0.50	ng/L	1		533	Total/NA

Client Sample ID: BFB Entry Point MM — Lab Sample ID: 810-159848-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	2.7		1.9	0.66	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.3		1.9	0.63	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.95	J	1.9	0.63	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.89	J	1.9	0.70	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.0		1.9	0.71	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.87	J	1.9	0.69	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	1.4	J	1.9	0.70	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	1.4	J	1.9	0.74	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	0.88	J	1.9	0.50	ng/L	1		533	Total/NA

Client Sample ID: BFB FB MM — Lab Sample ID: 810-159848-3

No Detections.

Client Sample ID: BFB Well 7 MM — Lab Sample ID: 810-159848-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	1.5	J	2.0	0.68	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.77	J	2.0	0.65	ng/L	1		533	Total/NA

Client Sample ID: BFB Well 9 MM — Lab Sample ID: 810-159848-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	8.3		1.9	0.66	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.8		1.9	0.63	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	7.8		1.9	0.63	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	3.9		1.9	0.71	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.1		1.9	0.69	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	3.3		1.9	0.70	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.4		1.9	0.74	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	2.6		1.9	0.50	ng/L	1		533	Total/NA

Client Sample ID: BFB Well 4 MM — Lab Sample ID: 810-159848-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	1.1	J	2.0	0.65	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	1.3	J	2.0	0.73	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	0.85	J	2.0	0.72	ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Client Sample ID: SB Entry Point MM — Lab Sample ID: 810-159848-7

No Detections.

Client Sample ID: SB Well 5 MM — Lab Sample ID: 810-159848-8

No Detections.

Client Sample ID: Mims Entry Point MM — Lab Sample ID: 810-159848-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	13		1.9	0.67	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.5		1.9	0.64	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	5.5		1.9	0.64	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	2.3		1.9	0.71	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	6.5		1.9	0.72	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.7		1.9	0.70	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	4.5		1.9	0.71	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	5.6		1.9	0.75	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	5.9		1.9	0.51	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 6 MM — Lab Sample ID: 810-159848-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	16		1.9	0.67	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.2		1.9	0.64	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.3		1.9	0.64	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	4.9		1.9	0.72	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.5	J	1.9	0.70	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.1		1.9	0.71	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	2.8		1.9	0.75	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	3.8		1.9	0.51	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 7 MM — Lab Sample ID: 810-159848-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	23		2.0	0.70	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.5		2.0	0.67	ng/L	1		533	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.76	J	2.0	0.70	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	9.3		2.0	0.67	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	1.3	J	2.0	0.74	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	11		2.0	0.75	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.6		2.0	0.73	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	6.9		2.0	0.74	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	8.4		2.0	0.78	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	7.7		2.0	0.53	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 5 MM — Lab Sample ID: 810-159848-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	23		2.0	0.68	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.2	J	2.0	0.65	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.8	J	2.0	0.65	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.77	J	2.0	0.72	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	5.5		2.0	0.73	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.2	J	2.0	0.71	ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: Mims Well 5 MM (Continued)

Lab Sample ID: 810-159848-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	2.2		2.0	0.72	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	2.1		2.0	0.76	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	3.5		2.0	0.51	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 2 MM

Lab Sample ID: 810-159848-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	11		2.0	0.69	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.3		2.0	0.66	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	4.6		2.0	0.66	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	0.95	J	2.0	0.73	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	5.7		2.0	0.74	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.0		2.0	0.72	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	3.2		2.0	0.73	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	4.1		2.0	0.77	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	6.4		2.0	0.52	ng/L	1		533	Total/NA

Client Sample ID: Mims Well 10 MM

Lab Sample ID: 810-159848-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	12		2.0	0.69	ng/L	1		533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.9	J	2.0	0.66	ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	5.8		2.0	0.66	ng/L	1		533	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.1	J B	2.0	0.70	ng/L	1		533	Total/NA
Perfluorodecanoic acid (PFDA)	1.7	J B	2.0	0.66	ng/L	1		533	Total/NA
Perfluorononanoic acid (PFNA)	4.2	B	2.0	0.73	ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	5.7		2.0	0.74	ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.0		2.0	0.72	ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	4.6		2.0	0.73	ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	5.9		2.0	0.77	ng/L	1		533	Total/NA
Perfluorobutanoic acid (PFBA)	5.1		2.0	0.52	ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BFB Well 1 MM
Date Collected: 08/13/25 08:50
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-1
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.89		1.9	0.89	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		1.9	0.78	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluoro(4-methoxybutanoic acid)	<0.62		1.9	0.62	ng/L		08/18/25 06:15	08/19/25 04:38	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		1.9	0.78	ng/L		08/18/25 06:15	08/19/25 04:38	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		1.9	0.93	ng/L		08/18/25 06:15	08/19/25 04:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		1.9	0.57	ng/L		08/18/25 06:15	08/19/25 04:38	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		1.9	0.68	ng/L		08/18/25 06:15	08/19/25 04:38	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		08/18/25 06:15	08/19/25 04:38	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		08/18/25 06:15	08/19/25 04:38	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluorooctanesulfonic acid (PFOS)	**7.0**		1.9	0.66	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		1.9	0.57	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluorohexanesulfonic acid (PFHxS)	**5.4**		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluoropentanesulfonic acid (PFPeS)	<0.66		1.9	0.66	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluorobutanesulfonic acid (PFBS)	**2.2**		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluorododecanoic acid (PFDoA)	**0.89**	J	1.9	0.67	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluoroundecanoic acid (PFUnA)	**1.3**	J	1.9	0.67	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluorodecanoic acid (PFDA)	**1.2**	J	1.9	0.63	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluorononanoic acid (PFNA)	<0.70		1.9	0.70	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluorooctanoic acid (PFOA)	**5.0**		1.9	0.71	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluoroheptanoic acid (PFHpA)	**1.9**		1.9	0.69	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluorohexanoic acid (PFHxA)	**2.7**		1.9	0.70	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluoropentanoic acid (PFPeA)	**2.3**		1.9	0.74	ng/L		08/18/25 06:15	08/19/25 04:38	1
Perfluorobutanoic acid (PFBA)	**1.9**		1.9	0.50	ng/L		08/18/25 06:15	08/19/25 04:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*93*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C2-8:2-FTS	*103*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C2-6:2-FTS	*106*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C2-4:2-FTS	*157*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C8 PFOS	*98*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C3 PFBS	*103*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C3 HFPO-DA	*93*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C2 PFDoA	*69*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C7 PFUnA	*56*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C6 PFDA	*56*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C9 PFNA	*75*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*

Client Sample ID: BFB Well 1 MM
Date Collected: 08/13/25 08:50
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-1
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 PFOA	*89*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C4 PFHpA	*97*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C5 PFHxA	*99*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C5 PFPeA	*83*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*
13C4 PFBA	*96*		*50 - 200*	*08/18/25 06:15*	*08/19/25 04:38*	*1*

Client Sample ID: BFB Entry Point MM
Date Collected: 08/13/25 08:38
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-2
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.89		1.9	0.89	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		1.9	0.78	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluoro(4-methoxybutanoic acid)	<0.62		1.9	0.62	ng/L		08/18/25 06:15	08/19/25 12:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.79		1.9	0.79	ng/L		08/18/25 06:15	08/19/25 12:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		1.9	0.93	ng/L		08/18/25 06:15	08/19/25 12:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		1.9	0.57	ng/L		08/18/25 06:15	08/19/25 12:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		1.9	0.68	ng/L		08/18/25 06:15	08/19/25 12:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		08/18/25 06:15	08/19/25 12:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		08/18/25 06:15	08/19/25 12:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluorooctanesulfonic acid (PFOS)	**2.7**		1.9	0.66	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		1.9	0.57	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluorohexanesulfonic acid (PFHxS)	**2.3**		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluoropentanesulfonic acid (PFPeS)	<0.66		1.9	0.66	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluorobutanesulfonic acid (PFBS)	**0.95**	**J**	1.9	0.63	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluorododecanoic acid (PFDoA)	<0.67		1.9	0.67	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluoroundecanoic acid (PFUnA)	<0.67		1.9	0.67	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluorodecanoic acid (PFDA)	<0.63		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluorononanoic acid (PFNA)	**0.89**	**J**	1.9	0.70	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluorooctanoic acid (PFOA)	**2.0**		1.9	0.71	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluoroheptanoic acid (PFHpA)	**0.87**	**J**	1.9	0.69	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluorohexanoic acid (PFHxA)	**1.4**	**J**	1.9	0.70	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluoropentanoic acid (PFPeA)	**1.4**	**J**	1.9	0.74	ng/L		08/18/25 06:15	08/19/25 12:29	1
Perfluorobutanoic acid (PFBA)	**0.88**	**J**	1.9	0.50	ng/L		08/18/25 06:15	08/19/25 12:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 12:29*	*1*

Client Sample ID: BFB Entry Point MM
Date Collected: 08/13/25 08:38
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-2
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-8:2-FTS	97		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C2-6:2-FTS	92		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C2-4:2-FTS	135		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C8 PFOS	94		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C3 PFBS	100		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C3 HFPO-DA	90		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C2 PFDoA	76		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C7 PFUnA	62		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C6 PFDA	51		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C9 PFNA	59		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C8 PFOA	71		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C4 PFHpA	89		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C5 PFHxA	96		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C5 PFPeA	86		50 - 200	08/18/25 06:15	08/19/25 12:29	1
13C4 PFBA	94		50 - 200	08/18/25 06:15	08/19/25 12:29	1

Client Sample ID: BFB FB MM
Date Collected: 08/13/25 08:40
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-3
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.88		1.9	0.88	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.77		1.9	0.77	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluoro(4-methoxybutanoic acid)	<0.62		1.9	0.62	ng/L		08/20/25 08:42	08/20/25 22:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		1.9	0.78	ng/L		08/20/25 08:42	08/20/25 22:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.92		1.9	0.92	ng/L		08/20/25 08:42	08/20/25 22:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		1.9	0.57	ng/L		08/20/25 08:42	08/20/25 22:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.67		1.9	0.67	ng/L		08/20/25 08:42	08/20/25 22:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.54		1.9	0.54	ng/L		08/20/25 08:42	08/20/25 22:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		08/20/25 08:42	08/20/25 22:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluorooctanesulfonic acid (PFOS)	<0.66		1.9	0.66	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		1.9	0.57	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluorohexanesulfonic acid (PFHxS)	<0.63		1.9	0.63	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluoropentanesulfonic acid (PFPeS)	<0.66		1.9	0.66	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluorobutanesulfonic acid (PFBS)	<0.63		1.9	0.63	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluorododecanoic acid (PFDoA)	<0.66		1.9	0.66	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluoroundecanoic acid (PFUnA)	<0.66		1.9	0.66	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluorodecanoic acid (PFDA)	<0.63		1.9	0.63	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluorononanoic acid (PFNA)	<0.69		1.9	0.69	ng/L		08/20/25 08:42	08/20/25 22:26	1

Client Sample ID: BFB FB MM
Date Collected: 08/13/25 08:40
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-3
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	<0.70		1.9	0.70	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluoroheptanoic acid (PFHpA)	<0.68		1.9	0.68	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluorohexanoic acid (PFHxA)	<0.69		1.9	0.69	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluoropentanoic acid (PFPeA)	<0.73		1.9	0.73	ng/L		08/20/25 08:42	08/20/25 22:26	1
Perfluorobutanoic acid (PFBA)	<0.49		1.9	0.49	ng/L		08/20/25 08:42	08/20/25 22:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*115*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C2-8:2-FTS	*108*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C2-6:2-FTS	*109*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C2-4:2-FTS	*108*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C8 PFOS	*112*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C3 PFBS	*117*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C3 HFPO-DA	*93*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C2 PFDoA	*101*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C7 PFUnA	*103*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C6 PFDA	*104*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C9 PFNA	*101*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C8 PFOA	*105*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C4 PFHpA	*101*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C5 PFHxA	*100*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C5 PFPeA	*103*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*
13C4 PFBA	*103*		*50 - 200*	*08/20/25 08:42*	*08/20/25 22:26*	*1*

Client Sample ID: BFB Well 7 MM
Date Collected: 08/13/25 09:41
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-4
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.92		2.0	0.92	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.80		2.0	0.80	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluoro(4-methoxybutanoic acid)	<0.64		2.0	0.64	ng/L		08/18/25 06:15	08/19/25 08:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.81		2.0	0.81	ng/L		08/18/25 06:15	08/19/25 08:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.96		2.0	0.96	ng/L		08/18/25 06:15	08/19/25 08:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.59		2.0	0.59	ng/L		08/18/25 06:15	08/19/25 08:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.70		2.0	0.70	ng/L		08/18/25 06:15	08/19/25 08:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		08/18/25 06:15	08/19/25 08:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		08/18/25 06:15	08/19/25 08:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.66		2.0	0.66	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluorooctanesulfonic acid (PFOS)	**1.5**	**J**	2.0	0.68	ng/L		08/18/25 06:15	08/19/25 08:47	1

Client Sample ID: BFB Well 7 MM
Date Collected: 08/13/25 09:41
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-4
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	<0.59		2.0	0.59	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluorohexanesulfonic acid (PFHxS)	**0.77**	**J**	2.0	0.65	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.68		2.0	0.68	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluorododecanoic acid (PFDoA)	<0.69		2.0	0.69	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluoroundecanoic acid (PFUnA)	<0.69		2.0	0.69	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluorodecanoic acid (PFDA)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluorononanoic acid (PFNA)	<0.72		2.0	0.72	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluorooctanoic acid (PFOA)	<0.73		2.0	0.73	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluoroheptanoic acid (PFHpA)	<0.71		2.0	0.71	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluorohexanoic acid (PFHxA)	<0.72		2.0	0.72	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluoropentanoic acid (PFPeA)	<0.76		2.0	0.76	ng/L		08/18/25 06:15	08/19/25 08:47	1
Perfluorobutanoic acid (PFBA)	<0.51		2.0	0.51	ng/L		08/18/25 06:15	08/19/25 08:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*88*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C2-8:2-FTS	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C2-6:2-FTS	*90*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C2-4:2-FTS	*137*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C8 PFOS	*89*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C3 PFBS	*98*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C3 HFPO-DA	*90*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C2 PFDoA	*81*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C7 PFUnA	*70*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C6 PFDA	*66*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C9 PFNA	*73*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C8 PFOA	*82*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C4 PFHpA	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C5 PFHxA	*94*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C5 PFPeA	*88*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*
13C4 PFBA	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 08:47*	*1*

Client Sample ID: BFB Well 9 MM
Date Collected: 08/13/25 09:25
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-5
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.89		1.9	0.89	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		1.9	0.78	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluoro(4-methoxybutanoic acid)	<0.62		1.9	0.62	ng/L		08/18/25 06:15	08/19/25 09:03	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.79		1.9	0.79	ng/L		08/18/25 06:15	08/19/25 09:03	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.93		1.9	0.93	ng/L		08/18/25 06:15	08/19/25 09:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		1.9	0.58	ng/L		08/18/25 06:15	08/19/25 09:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		1.9	0.68	ng/L		08/18/25 06:15	08/19/25 09:03	1

Client Sample ID: BFB Well 9 MM
Date Collected: 08/13/25 09:25
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-5
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		1.9	0.55	ng/L		08/18/25 06:15	08/19/25 09:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		1.9	0.65	ng/L		08/18/25 06:15	08/19/25 09:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluorooctanesulfonic acid (PFOS)	**8.3**		1.9	0.66	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		1.9	0.58	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluorohexanesulfonic acid (PFHxS)	**2.8**		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluoropentanesulfonic acid (PFPeS)	<0.66		1.9	0.66	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluorobutanesulfonic acid (PFBS)	**7.8**		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluorododecanoic acid (PFDoA)	<0.67		1.9	0.67	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluoroundecanoic acid (PFUnA)	<0.67		1.9	0.67	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluorodecanoic acid (PFDA)	<0.63		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluorononanoic acid (PFNA)	<0.70		1.9	0.70	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluorooctanoic acid (PFOA)	**3.9**		1.9	0.71	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluoroheptanoic acid (PFHpA)	**2.1**		1.9	0.69	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluorohexanoic acid (PFHxA)	**3.3**		1.9	0.70	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluoropentanoic acid (PFPeA)	**3.4**		1.9	0.74	ng/L		08/18/25 06:15	08/19/25 09:03	1
Perfluorobutanoic acid (PFBA)	**2.6**		1.9	0.50	ng/L		08/18/25 06:15	08/19/25 09:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*93*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C2-8:2-FTS	*106*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C2-6:2-FTS	*101*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C2-4:2-FTS	*148*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C8 PFOS	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C3 PFBS	*102*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C3 HFPO-DA	*90*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C2 PFDoA	*77*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C7 PFUnA	*71*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C6 PFDA	*66*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C9 PFNA	*80*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C8 PFOA	*91*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C4 PFHpA	*94*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C5 PFHxA	*98*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C5 PFPeA	*87*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*
13C4 PFBA	*94*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:03*	*1*

Client Sample ID: BFB Well 4 MM
Date Collected: 08/13/25 09:15
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-6
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		08/18/25 06:15	08/19/25 09:18	1

Client Sample ID: BFB Well 4 MM
Date Collected: 08/13/25 09:15
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-6
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.80		2.0	0.80	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluoro(4-methoxybutanoic acid)	<0.64		2.0	0.64	ng/L		08/18/25 06:15	08/19/25 09:18	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.81		2.0	0.81	ng/L		08/18/25 06:15	08/19/25 09:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.95		2.0	0.95	ng/L		08/18/25 06:15	08/19/25 09:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.59		2.0	0.59	ng/L		08/18/25 06:15	08/19/25 09:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.70		2.0	0.70	ng/L		08/18/25 06:15	08/19/25 09:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		08/18/25 06:15	08/19/25 09:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		08/18/25 06:15	08/19/25 09:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.66		2.0	0.66	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluorooctanesulfonic acid (PFOS)	<0.68		2.0	0.68	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.59		2.0	0.59	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluorohexanesulfonic acid (PFHxS)	**1.1**	**J**	2.0	0.65	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluoropentanesulfonic acid (PFPeS)	<0.68		2.0	0.68	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluorobutanesulfonic acid (PFBS)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluorododecanoic acid (PFDoA)	<0.69		2.0	0.69	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluoroundecanoic acid (PFUnA)	<0.69		2.0	0.69	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluorodecanoic acid (PFDA)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluorononanoic acid (PFNA)	<0.72		2.0	0.72	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluorooctanoic acid (PFOA)	**1.3**	**J**	2.0	0.73	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluoroheptanoic acid (PFHpA)	<0.71		2.0	0.71	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluorohexanoic acid (PFHxA)	**0.85**	**J**	2.0	0.72	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluoropentanoic acid (PFPeA)	<0.76		2.0	0.76	ng/L		08/18/25 06:15	08/19/25 09:18	1
Perfluorobutanoic acid (PFBA)	<0.51		2.0	0.51	ng/L		08/18/25 06:15	08/19/25 09:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*93*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C2-8:2-FTS	*97*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C2-6:2-FTS	*99*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C2-4:2-FTS	*146*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C8 PFOS	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C3 PFBS	*98*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C3 HFPO-DA	*88*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C2 PFDoA	*79*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C7 PFUnA	*72*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C6 PFDA	*64*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C9 PFNA	*68*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C8 PFOA	*79*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C4 PFHpA	*88*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C5 PFHxA	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*
13C5 PFPeA	*87*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:18*	*1*

Client Sample ID: BFB Well 4 MM
Date Collected: 08/13/25 09:15
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-6
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	96		50 - 200	08/18/25 06:15	08/19/25 09:18	1

Client Sample ID: SB Entry Point MM
Date Collected: 08/13/25 09:55
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-7
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.80		2.0	0.80	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluoro(4-methoxybutanoic acid)	<0.64		2.0	0.64	ng/L		08/18/25 06:15	08/19/25 09:34	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.81		2.0	0.81	ng/L		08/18/25 06:15	08/19/25 09:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.95		2.0	0.95	ng/L		08/18/25 06:15	08/19/25 09:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.59		2.0	0.59	ng/L		08/18/25 06:15	08/19/25 09:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.70		2.0	0.70	ng/L		08/18/25 06:15	08/19/25 09:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		08/18/25 06:15	08/19/25 09:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		08/18/25 06:15	08/19/25 09:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.66		2.0	0.66	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluorooctanesulfonic acid (PFOS)	<0.68		2.0	0.68	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.59		2.0	0.59	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluorohexanesulfonic acid (PFHxS)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluoropentanesulfonic acid (PFPeS)	<0.68		2.0	0.68	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluorobutanesulfonic acid (PFBS)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluorododecanoic acid (PFDoA)	<0.69		2.0	0.69	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluoroundecanoic acid (PFUnA)	<0.69		2.0	0.69	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluorodecanoic acid (PFDA)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluorononanoic acid (PFNA)	<0.72		2.0	0.72	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluorooctanoic acid (PFOA)	<0.73		2.0	0.73	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluoroheptanoic acid (PFHpA)	<0.71		2.0	0.71	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluorohexanoic acid (PFHxA)	<0.72		2.0	0.72	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluoropentanoic acid (PFPeA)	<0.76		2.0	0.76	ng/L		08/18/25 06:15	08/19/25 09:34	1
Perfluorobutanoic acid (PFBA)	<0.51		2.0	0.51	ng/L		08/18/25 06:15	08/19/25 09:34	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	91		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C2-8:2-FTS	94		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C2-6:2-FTS	94		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C2-4:2-FTS	132		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C8 PFOS	95		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C3 PFBS	99		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C3 HFPO-DA	88		50 - 200	08/18/25 06:15	08/19/25 09:34	1

Client Sample ID: SB Entry Point MM
Date Collected: 08/13/25 09:55
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-7
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDoA	83		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C7 PFUnA	79		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C6 PFDA	72		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C9 PFNA	77		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C8 PFOA	82		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C4 PFHpA	89		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C5 PFHxA	94		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C5 PFPeA	85		50 - 200	08/18/25 06:15	08/19/25 09:34	1
13C4 PFBA	93		50 - 200	08/18/25 06:15	08/19/25 09:34	1

Client Sample ID: SB Well 5 MM
Date Collected: 08/13/25 09:53
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-8
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.79		2.0	0.79	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluoro(4-methoxybutanoic acid)	<0.63		2.0	0.63	ng/L		08/19/25 07:12	08/19/25 18:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.80		2.0	0.80	ng/L		08/19/25 07:12	08/19/25 18:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.95		2.0	0.95	ng/L		08/19/25 07:12	08/19/25 18:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.59		2.0	0.59	ng/L		08/19/25 07:12	08/19/25 18:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		2.0	0.69	ng/L		08/19/25 07:12	08/19/25 18:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		08/19/25 07:12	08/19/25 18:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		2.0	0.66	ng/L		08/19/25 07:12	08/19/25 18:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		2.0	0.65	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64	F1	2.0	0.64	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluorooctanesulfonic acid (PFOS)	<0.67		2.0	0.67	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.59		2.0	0.59	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluorohexanesulfonic acid (PFHxS)	<0.64		2.0	0.64	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluoropentanesulfonic acid (PFPeS)	<0.67		2.0	0.67	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluorobutanesulfonic acid (PFBS)	<0.64		2.0	0.64	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluorododecanoic acid (PFDoA)	<0.68		2.0	0.68	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluoroundecanoic acid (PFUnA)	<0.68		2.0	0.68	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluorodecanoic acid (PFDA)	<0.64		2.0	0.64	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluorononanoic acid (PFNA)	<0.71		2.0	0.71	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluorooctanoic acid (PFOA)	<0.72		2.0	0.72	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluoroheptanoic acid (PFHpA)	<0.70		2.0	0.70	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluorohexanoic acid (PFHxA)	<0.71		2.0	0.71	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluoropentanoic acid (PFPeA)	<0.75		2.0	0.75	ng/L		08/19/25 07:12	08/19/25 18:50	1
Perfluorobutanoic acid (PFBA)	<0.51		2.0	0.51	ng/L		08/19/25 07:12	08/19/25 18:50	1

Client Sample ID: SB Well 5 MM
Date Collected: 08/13/25 09:53
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-8
Matrix: Water

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	100		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C2-8:2-FTS	111		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C2-6:2-FTS	127		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C2-4:2-FTS	176		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C8 PFOS	96		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C3 PFBS	103		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C3 HFPO-DA	82		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C2 PFDoA	75		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C7 PFUnA	59		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C6 PFDA	48	*5-	50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C9 PFNA	61		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C8 PFOA	87		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C4 PFHpA	94		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C5 PFHxA	93		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C5 PFPeA	84		50 - 200	08/19/25 07:12	08/19/25 18:50	1
13C4 PFBA	100		50 - 200	08/19/25 07:12	08/19/25 18:50	1

Client Sample ID: Mims Entry Point MM
Date Collected: 08/13/25 11:39
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-9
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		1.9	0.91	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.79		1.9	0.79	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluoro(4-methoxybutanoic acid)	<0.63		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 09:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.80		1.9	0.80	ng/L		08/18/25 06:15	08/19/25 09:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.95		1.9	0.95	ng/L		08/18/25 06:15	08/19/25 09:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		1.9	0.58	ng/L		08/18/25 06:15	08/19/25 09:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		1.9	0.69	ng/L		08/18/25 06:15	08/19/25 09:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		1.9	0.56	ng/L		08/18/25 06:15	08/19/25 09:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		1.9	0.66	ng/L		08/18/25 06:15	08/19/25 09:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		1.9	0.65	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluorooctanesulfonic acid (PFOS)	**13**		1.9	0.67	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		1.9	0.58	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluorohexanesulfonic acid (PFHxS)	**2.5**		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluoropentanesulfonic acid (PFPeS)	<0.67		1.9	0.67	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluorobutanesulfonic acid (PFBS)	**5.5**		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluorododecanoic acid (PFDoA)	<0.68		1.9	0.68	ng/L		08/18/25 06:15	08/19/25 09:50	1

Client Sample ID: Mims Entry Point MM

Lab Sample ID: 810-159848-9

Date Collected: 08/13/25 11:39
Matrix: Water
Date Received: 08/14/25 09:15

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	<0.68		1.9	0.68	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluorodecanoic acid (PFDA)	<0.64		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluorononanoic acid (PFNA)	**2.3**		1.9	0.71	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluorooctanoic acid (PFOA)	**6.5**		1.9	0.72	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluoroheptanoic acid (PFHpA)	**2.7**		1.9	0.70	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluorohexanoic acid (PFHxA)	**4.5**		1.9	0.71	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluoropentanoic acid (PFPeA)	**5.6**		1.9	0.75	ng/L		08/18/25 06:15	08/19/25 09:50	1
Perfluorobutanoic acid (PFBA)	**5.9**		1.9	0.51	ng/L		08/18/25 06:15	08/19/25 09:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*96*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C2-8:2-FTS	*103*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C2-6:2-FTS	*102*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C2-4:2-FTS	*135*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C8 PFOS	*95*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C3 PFBS	*104*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C3 HFPO-DA	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C2 PFDoA	*87*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C7 PFUnA	*69*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C6 PFDA	*61*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C9 PFNA	*63*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C8 PFOA	*73*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C4 PFHpA	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C5 PFHxA	*95*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C5 PFPeA	*91*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*
13C4 PFBA	*94*		*50 - 200*	*08/18/25 06:15*	*08/19/25 09:50*	*1*

Client Sample ID: Mims Well 6 MM

Lab Sample ID: 810-159848-10

Date Collected: 08/13/25 12:12
Matrix: Water
Date Received: 08/14/25 09:15

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		1.9	0.91	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.79		1.9	0.79	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluoro(4-methoxybutanoic acid)	<0.63		1.9	0.63	ng/L		08/18/25 06:15	08/19/25 10:05	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.80		1.9	0.80	ng/L		08/18/25 06:15	08/19/25 10:05	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.95		1.9	0.95	ng/L		08/18/25 06:15	08/19/25 10:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.58		1.9	0.58	ng/L		08/18/25 06:15	08/19/25 10:05	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		1.9	0.69	ng/L		08/18/25 06:15	08/19/25 10:05	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		1.9	0.56	ng/L		08/18/25 06:15	08/19/25 10:05	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		1.9	0.66	ng/L		08/18/25 06:15	08/19/25 10:05	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		1.9	0.65	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 10:05	1

Client Sample ID: Mims Well 6 MM
Date Collected: 08/13/25 12:12
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-10
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**16**		1.9	0.67	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.58		1.9	0.58	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluorohexanesulfonic acid (PFHxS)	**2.2**		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluoropentanesulfonic acid (PFPeS)	<0.67		1.9	0.67	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluorobutanesulfonic acid (PFBS)	**2.3**		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluorododecanoic acid (PFDoA)	<0.68		1.9	0.68	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluoroundecanoic acid (PFUnA)	<0.68		1.9	0.68	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluorodecanoic acid (PFDA)	<0.64		1.9	0.64	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluorononanoic acid (PFNA)	<0.71		1.9	0.71	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluorooctanoic acid (PFOA)	**4.9**		1.9	0.72	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluoroheptanoic acid (PFHpA)	**1.5**	J	1.9	0.70	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluorohexanoic acid (PFHxA)	**2.1**		1.9	0.71	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluoropentanoic acid (PFPeA)	**2.8**		1.9	0.75	ng/L		08/18/25 06:15	08/19/25 10:05	1
Perfluorobutanoic acid (PFBA)	**3.8**		1.9	0.51	ng/L		08/18/25 06:15	08/19/25 10:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*92*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C2-8:2-FTS	*95*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C2-6:2-FTS	*99*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C2-4:2-FTS	*142*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C8 PFOS	*97*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C3 PFBS	*102*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C3 HFPO-DA	*95*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C2 PFDoA	*86*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C7 PFUnA	*81*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C6 PFDA	*82*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C9 PFNA	*88*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C8 PFOA	*91*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C4 PFHpA	*97*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C5 PFHxA	*99*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C5 PFPeA	*88*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*
13C4 PFBA	*94*		*50 - 200*	*08/18/25 06:15*	*08/19/25 10:05*	*1*

Client Sample ID: Mims Well 7 MM
Date Collected: 08/13/25 12:34
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-11
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.94		2.0	0.94	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.82		2.0	0.82	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluoro(4-methoxybutanoic acid)	<0.66		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 22:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.83		2.0	0.83	ng/L		08/18/25 09:14	08/18/25 22:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.98		2.0	0.98	ng/L		08/18/25 09:14	08/18/25 22:39	1

Client Sample ID: Mims Well 7 MM
Date Collected: 08/13/25 12:34
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-11
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.61		2.0	0.61	ng/L		08/18/25 09:14	08/18/25 22:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.72		2.0	0.72	ng/L		08/18/25 09:14	08/18/25 22:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.58		2.0	0.58	ng/L		08/18/25 09:14	08/18/25 22:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.69		2.0	0.69	ng/L		08/18/25 09:14	08/18/25 22:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.68		2.0	0.68	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.67		2.0	0.67	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluorooctanesulfonic acid (PFOS)	**23**		2.0	0.70	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.61		2.0	0.61	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluorohexanesulfonic acid (PFHxS)	**4.5**		2.0	0.67	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluoropentanesulfonic acid (PFPeS)	**0.76**	J	2.0	0.70	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluorobutanesulfonic acid (PFBS)	**9.3**		2.0	0.67	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluorododecanoic acid (PFDoA)	<0.71		2.0	0.71	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluoroundecanoic acid (PFUnA)	<0.71		2.0	0.71	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluorodecanoic acid (PFDA)	<0.67		2.0	0.67	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluorononanoic acid (PFNA)	**1.3**	J	2.0	0.74	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluorooctanoic acid (PFOA)	**11**		2.0	0.75	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluoroheptanoic acid (PFHpA)	**3.6**		2.0	0.73	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluorohexanoic acid (PFHxA)	**6.9**		2.0	0.74	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluoropentanoic acid (PFPeA)	**8.4**		2.0	0.78	ng/L		08/18/25 09:14	08/18/25 22:39	1
Perfluorobutanoic acid (PFBA)	**7.7**		2.0	0.53	ng/L		08/18/25 09:14	08/18/25 22:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*91*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C2-8:2-FTS	*103*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C2-6:2-FTS	*100*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C2-4:2-FTS	*131*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C8 PFOS	*89*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C3 PFBS	*101*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C3 HFPO-DA	*90*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C2 PFDoA	*73*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C7 PFUnA	*59*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C6 PFDA	*52*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C9 PFNA	*59*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C8 PFOA	*75*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C4 PFHpA	*88*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C5 PFHxA	*93*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C5 PFPeA	*89*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*
13C4 PFBA	*92*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:39*	*1*

Client Sample ID: Mims Well 5 MM
Date Collected: 08/13/25 12:04
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-12
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.91		2.0	0.91	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.80		2.0	0.80	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluoro(4-methoxybutanoic acid)	<0.64		2.0	0.64	ng/L		08/18/25 09:14	08/18/25 22:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.81		2.0	0.81	ng/L		08/18/25 09:14	08/18/25 22:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.95		2.0	0.95	ng/L		08/18/25 09:14	08/18/25 22:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.59		2.0	0.59	ng/L		08/18/25 09:14	08/18/25 22:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.70		2.0	0.70	ng/L		08/18/25 09:14	08/18/25 22:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		2.0	0.56	ng/L		08/18/25 09:14	08/18/25 22:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.67		2.0	0.67	ng/L		08/18/25 09:14	08/18/25 22:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.66		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.65		2.0	0.65	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluorooctanesulfonic acid (PFOS)	**23**		2.0	0.68	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.59		2.0	0.59	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluorohexanesulfonic acid (PFHxS)	**1.2**	**J**	2.0	0.65	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluoropentanesulfonic acid (PFPeS)	<0.68		2.0	0.68	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluorobutanesulfonic acid (PFBS)	**1.8**	**J**	2.0	0.65	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluorododecanoic acid (PFDoA)	<0.69		2.0	0.69	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluoroundecanoic acid (PFUnA)	<0.69		2.0	0.69	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluorodecanoic acid (PFDA)	<0.65		2.0	0.65	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluorononanoic acid (PFNA)	**0.77**	**J**	2.0	0.72	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluorooctanoic acid (PFOA)	**5.5**		2.0	0.73	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluoroheptanoic acid (PFHpA)	**1.2**	**J**	2.0	0.71	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluorohexanoic acid (PFHxA)	**2.2**		2.0	0.72	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluoropentanoic acid (PFPeA)	**2.1**		2.0	0.76	ng/L		08/18/25 09:14	08/18/25 22:55	1
Perfluorobutanoic acid (PFBA)	**3.5**		2.0	0.51	ng/L		08/18/25 09:14	08/18/25 22:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*93*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C2-8:2-FTS	*107*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C2-6:2-FTS	*100*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C2-4:2-FTS	*139*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C8 PFOS	*95*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C3 PFBS	*101*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C3 HFPO-DA	*91*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C2 PFDoA	*77*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C7 PFUnA	*68*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C6 PFDA	*60*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C9 PFNA	*66*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C8 PFOA	*81*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*
13C4 PFHpA	*95*		*50 - 200*	*08/18/25 09:14*	*08/18/25 22:55*	*1*

Client Sample ID: Mims Well 5 MM
Date Collected: 08/13/25 12:04
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-12
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	98		50 - 200	08/18/25 09:14	08/18/25 22:55	1
13C5 PFPeA	85		50 - 200	08/18/25 09:14	08/18/25 22:55	1
13C4 PFBA	95		50 - 200	08/18/25 09:14	08/18/25 22:55	1

Client Sample ID: Mims Well 2 MM
Date Collected: 08/13/25 11:55
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-13
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		08/18/25 09:14	08/18/25 23:11	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		08/18/25 09:14	08/18/25 23:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		08/18/25 09:14	08/18/25 23:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		08/18/25 09:14	08/18/25 23:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		08/18/25 09:14	08/18/25 23:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		08/18/25 09:14	08/18/25 23:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		08/18/25 09:14	08/18/25 23:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluorooctanesulfonic acid (PFOS)	**11**		2.0	0.69	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluorohexanesulfonic acid (PFHxS)	**2.3**		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluorobutanesulfonic acid (PFBS)	**4.6**		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluorononanoic acid (PFNA)	**0.95**	**J**	2.0	0.73	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluorooctanoic acid (PFOA)	**5.7**		2.0	0.74	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluoroheptanoic acid (PFHpA)	**2.0**		2.0	0.72	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluorohexanoic acid (PFHxA)	**3.2**		2.0	0.73	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluoropentanoic acid (PFPeA)	**4.1**		2.0	0.77	ng/L		08/18/25 09:14	08/18/25 23:11	1
Perfluorobutanoic acid (PFBA)	**6.4**		2.0	0.52	ng/L		08/18/25 09:14	08/18/25 23:11	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	90		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C2-8:2-FTS	101		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C2-6:2-FTS	108		50 - 200	08/18/25 09:14	08/18/25 23:11	1

Client Sample ID: Mims Well 2 MM
Date Collected: 08/13/25 11:55
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-13
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-4:2-FTS	156		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C8 PFOS	93		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C3 PFBS	95		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C3 HFPO-DA	91		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C2 PFDoA	82		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C7 PFUnA	68		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C6 PFDA	64		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C9 PFNA	71		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C8 PFOA	81		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C4 PFHpA	95		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C5 PFHxA	96		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C5 PFPeA	83		50 - 200	08/18/25 09:14	08/18/25 23:11	1
13C4 PFBA	95		50 - 200	08/18/25 09:14	08/18/25 23:11	1

Client Sample ID: Mims Well 10 MM
Date Collected: 08/13/25 12:22
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-14
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		08/19/25 09:06	08/20/25 00:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		08/19/25 09:06	08/20/25 00:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		08/19/25 09:06	08/20/25 00:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		08/19/25 09:06	08/20/25 00:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		08/19/25 09:06	08/20/25 00:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		08/19/25 09:06	08/20/25 00:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		08/19/25 09:06	08/20/25 00:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluorooctanesulfonic acid (PFOS)	**12**		2.0	0.69	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluorohexanesulfonic acid (PFHxS)	**1.9**	**J**	2.0	0.66	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluorobutanesulfonic acid (PFBS)	**5.8**		2.0	0.66	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluoroundecanoic acid (PFUnA)	**1.1**	**J B**	2.0	0.70	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluorodecanoic acid (PFDA)	**1.7**	**J B**	2.0	0.66	ng/L		08/19/25 09:06	08/20/25 00:59	1

Client Sample ID: Mims Well 10 MM
Date Collected: 08/13/25 12:22
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-14
Matrix: Water

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	4.2	B	2.0	0.73	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluorooctanoic acid (PFOA)	5.7		2.0	0.74	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluoroheptanoic acid (PFHpA)	3.0		2.0	0.72	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluorohexanoic acid (PFHxA)	4.6		2.0	0.73	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluoropentanoic acid (PFPeA)	5.9		2.0	0.77	ng/L		08/19/25 09:06	08/20/25 00:59	1
Perfluorobutanoic acid (PFBA)	5.1		2.0	0.52	ng/L		08/19/25 09:06	08/20/25 00:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*98*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C2-8:2-FTS	*103*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C2-6:2-FTS	*106*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C2-4:2-FTS	*141*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C8 PFOS	*100*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C3 PFBS	*111*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C3 HFPO-DA	*105*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C2 PFDoA	*97*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C7 PFUnA	*88*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C6 PFDA	*82*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C9 PFNA	*88*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C8 PFOA	*90*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C4 PFHpA	*103*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C5 PFHxA	*111*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C5 PFPeA	*106*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*
13C4 PFBA	*103*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:59*	*1*

Isotope Dilution Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	C3PFHS (50-200)	82FTS (50-200)	62FTS (50-200)	42FTS (50-200)	C8PFOS (50-200)	C3PFBS (50-200)	HFPODA (50-200)	PFDoA (50-200)
810-159848-1	BFB Well 1 MM	93	103	106	157	98	103	93	69
810-159848-1 MS	BFB Well 1 MM - MS	92	107	104	164	97	98	95	58
810-159848-1 MSD	BFB Well 1 MM - MSD	89	99	105	157	93	94	98	70
810-159848-2	BFB Entry Point MM	92	97	92	135	94	100	90	76
810-159848-3	BFB FB MM	115	108	109	108	112	117	93	101
810-159848-4	BFB Well 7 MM	88	92	90	137	89	98	90	81
810-159848-5	BFB Well 9 MM	93	106	101	148	92	102	90	77
810-159848-6	BFB Well 4 MM	93	97	99	146	92	98	88	79
810-159848-7	SB Entry Point MM	91	94	94	132	95	99	88	83
810-159848-8	SB Well 5 MM	100	111	127	176	96	103	82	75
810-159848-8 MS	SB Well 5 MM - MS	105	110	138	195	100	104	85	77
810-159848-8 MSD	SB Well 5 MM - MSD	104	113	129	193	99	104	86	67
810-159848-9	Mims Entry Point MM	96	103	102	135	95	104	92	87
810-159848-10	Mims Well 6 MM	92	95	99	142	97	102	95	86
810-159848-11	Mims Well 7 MM	91	103	100	131	89	101	90	73
810-159848-12	Mims Well 5 MM	93	107	100	139	95	101	91	77
810-159848-13	Mims Well 2 MM	90	101	108	156	93	95	91	82
810-159848-14	Mims Well 10 MM	98	103	106	141	100	111	105	97
810-159848-14 MS	Mims Well 10 MM - MS	94	101	105	141	97	105	98	75
810-159848-14 MSD	Mims Well 10 MM - MSD	103	111	112	160	107	114	107	80
LCS 810-156240/3-A	Lab Control Sample	92	91	98	91	95	95	64	89
LCS 810-156441/3-A	Lab Control Sample	99	104	100	101	98	102	64	73
LCS 810-156456/3-A	Lab Control Sample	98	106	106	110	102	100	60	71
LCS 810-156691/3-A	Lab Control Sample	107	105	106	106	106	108	90	98
LLCS 810-156211/2-A	Lab Control Sample	92	97	92	87	93	97	91	92
LLCS 810-156240/2-A	Lab Control Sample	89	95	89	83	89	94	85	85
LLCS 810-156441/2-A	Lab Control Sample	102	108	100	96	101	107	95	99
LLCS 810-156456/2-A	Lab Control Sample	103	103	99	96	104	110	82	98
LLCS 810-156691/2-A	Lab Control Sample	108	102	101	97	106	108	102	100
MBL 810-156211/1-A	Method Blank	93	95	87	88	93	99	91	94
MBL 810-156240/1-A	Method Blank	88	96	89	85	88	95	80	88
MBL 810-156441/1-A	Method Blank	101	105	94	97	102	107	90	91
MBL 810-156456/1-A	Method Blank	101	102	94	92	101	105	74	86
MBL 810-156691/1-A	Method Blank	109	105	102	100	108	109	103	101

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C7PUA (50-200)	C6PFDA (50-200)	C9PFNA (50-200)	C8PFOA (50-200)	C4PFHA (50-200)	13C5PHA (50-200)	PFPeA (50-200)	PFBA (50-200)
810-159848-1	BFB Well 1 MM	56	56	75	89	97	99	83	96
810-159848-1 MS	BFB Well 1 MM - MS	44 *5-	46 *5-	70	87	94	98	80	95
810-159848-1 MSD	BFB Well 1 MM - MSD	55	54	77	88	94	101	80	94
810-159848-2	BFB Entry Point MM	62	51	59	71	89	96	86	94
810-159848-3	BFB FB MM	103	104	101	105	101	100	103	103
810-159848-4	BFB Well 7 MM	70	66	73	82	92	94	88	92
810-159848-5	BFB Well 9 MM	71	66	80	91	94	98	87	94
810-159848-6	BFB Well 4 MM	72	64	68	79	88	92	87	96
810-159848-7	SB Entry Point MM	79	72	77	82	89	94	85	93
810-159848-8	SB Well 5 MM	59	48 *5-	61	87	94	93	84	100
810-159848-8 MS	SB Well 5 MM - MS	75	63	69	90	94	95	82	102
810-159848-8 MSD	SB Well 5 MM - MSD	53	41 *5-	59	87	96	96	83	101

Isotope Dilution Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 810-159848-1
Project/Site: 2025 Quarterly PFAS: Brevard County

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	13C7PUA (50-200)	C6PFDA (50-200)	C9PFNA (50-200)	C8PFOA (50-200)	C4PFHA (50-200)	13C5PHA (50-200)	PFPeA (50-200)	PFBA (50-200)
810-159848-9	Mims Entry Point MM	69	61	63	73	92	95	91	94
810-159848-10	Mims Well 6 MM	81	82	88	91	97	99	88	94
810-159848-11	Mims Well 7 MM	59	52	59	75	88	93	89	92
810-159848-12	Mims Well 5 MM	68	60	66	81	95	98	85	95
810-159848-13	Mims Well 2 MM	68	64	71	81	95	96	83	95
810-159848-14	Mims Well 10 MM	88	82	88	90	103	111	106	103
810-159848-14 MS	Mims Well 10 MM - MS	64	56	74	90	97	103	102	99
810-159848-14 MSD	Mims Well 10 MM - MSD	65	57	75	96	105	111	103	105
LCS 810-156240/3-A	Lab Control Sample	86	84	84	80	74	67	65	62
LCS 810-156441/3-A	Lab Control Sample	66	66	60	60	65	67	72	71
LCS 810-156456/3-A	Lab Control Sample	65	61	60	59	64	62	59	58
LCS 810-156691/3-A	Lab Control Sample	98	99	98	98	95	92	93	87
LLCS 810-156211/2-A	Lab Control Sample	88	94	95	93	93	90	93	92
LLCS 810-156240/2-A	Lab Control Sample	88	91	92	92	90	86	89	86
LLCS 810-156441/2-A	Lab Control Sample	102	103	103	103	101	99	103	100
LLCS 810-156456/2-A	Lab Control Sample	99	99	103	96	93	86	84	80
LLCS 810-156691/2-A	Lab Control Sample	103	106	109	106	108	107	113	107
MBL 810-156211/1-A	Method Blank	90	99	101	93	96	90	93	91
MBL 810-156240/1-A	Method Blank	88	91	88	87	87	80	82	82
MBL 810-156441/1-A	Method Blank	91	94	98	97	98	94	96	95
MBL 810-156456/1-A	Method Blank	82	82	86	81	82	77	76	74
MBL 810-156691/1-A	Method Blank	104	107	108	106	107	106	112	107

Surrogate Legend

C3PFHS = 13C3 PFHxS
82FTS = 13C2-8:2-FTS
62FTS = 13C2-6:2-FTS
42FTS = 13C2-4:2-FTS
C8PFOS = 13C8 PFOS
C3PFBS = 13C3 PFBS
HFPODA = 13C3 HFPO-DA
PFDoA = 13C2 PFDoA
13C7PUA = 13C7 PFUnA
C6PFDA = 13C6 PFDA
C9PFNA = 13C9 PFNA
C8PFOA = 13C8 PFOA
C4PFHA = 13C4 PFHpA
13C5PHA = 13C5 PFHxA
PFPeA = 13C5 PFPeA
PFBA = 13C4 PFBA

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MBL 810-156211/1-A
Matrix: Water
Analysis Batch: 156305

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156211

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		08/18/25 06:15	08/19/25 04:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		08/18/25 06:15	08/19/25 04:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		08/18/25 06:15	08/19/25 04:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		08/18/25 06:15	08/19/25 04:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		08/18/25 06:15	08/19/25 04:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		08/18/25 06:15	08/19/25 04:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		08/18/25 06:15	08/19/25 04:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	0.73	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		08/18/25 06:15	08/19/25 04:07	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		08/18/25 06:15	08/19/25 04:07	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	93		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C2-8:2-FTS	95		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C2-6:2-FTS	87		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C2-4:2-FTS	88		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C8 PFOS	93		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C3 PFBS	99		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C3 HFPO-DA	91		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C2 PFDoA	94		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C7 PFUnA	90		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C6 PFDA	99		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C9 PFNA	101		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C8 PFOA	93		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C4 PFHpA	96		50 - 200	08/18/25 06:15	08/19/25 04:07	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-156211/1-A
Matrix: Water
Analysis Batch: 156305

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156211

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	90		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C5 PFPeA	93		50 - 200	08/18/25 06:15	08/19/25 04:07	1
13C4 PFBA	91		50 - 200	08/18/25 06:15	08/19/25 04:07	1

Lab Sample ID: LLCS 810-156211/2-A
Matrix: Water
Analysis Batch: 156305

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156211

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	2.03		ng/L		101	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.82	J	ng/L		91	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.98	J	ng/L		99	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.76	J	ng/L		93	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.77	J	ng/L		95	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.87	J	ng/L		99	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.90	J	ng/L		95	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.79	J	ng/L		93	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.81	J	ng/L		95	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.85	J	ng/L		99	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.65	J	ng/L		92	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.81	J	ng/L		97	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.68	J	ng/L		88	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.66	J	ng/L		91	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.72	J	ng/L		91	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.69	J	ng/L		95	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.01		ng/L		101	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	2.09		ng/L		105	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.08		ng/L		104	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.00		ng/L		100	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.93	J	ng/L		96	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.92	J	ng/L		96	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	2.04		ng/L		102	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.90	J	ng/L		95	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.86	J	ng/L		93	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C3 PFHxS	92		50 - 200
13C2-8:2-FTS	97		50 - 200
13C2-6:2-FTS	92		50 - 200
13C2-4:2-FTS	87		50 - 200
13C8 PFOS	93		50 - 200
13C3 PFBS	97		50 - 200
13C3 HFPO-DA	91		50 - 200
13C2 PFDoA	92		50 - 200
13C7 PFUnA	88		50 - 200
13C6 PFDA	94		50 - 200
13C9 PFNA	95		50 - 200
13C8 PFOA	93		50 - 200
13C4 PFHpA	93		50 - 200
13C5 PFHxA	90		50 - 200
13C5 PFPeA	93		50 - 200
13C4 PFBA	92		50 - 200

Lab Sample ID: 810-159848-1 MS
Matrix: Water
Analysis Batch: 156305

Client Sample ID: BFB Well 1 MM - MS
Prep Type: Total/NA
Prep Batch: 156211

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	<0.89		192	201		ng/L		104	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		192	185		ng/L		96	70 - 130
Perfluoro(4-methoxybutanoic acid)	<0.62		192	214		ng/L		111	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		182	181		ng/L		99	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		180	179		ng/L		100	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		182	186		ng/L		102	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		192	196		ng/L		102	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		185	173		ng/L		94	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		183	195		ng/L		107	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		180	182		ng/L		101	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		172	136		ng/L		79	70 - 130
Perfluorooctanesulfonic acid (PFOS)	7.0		179	177		ng/L		95	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		184	174		ng/L		95	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	5.4		176	184		ng/L		102	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.66		181	182		ng/L		101	70 - 130
Perfluorobutanesulfonic acid (PFBS)	2.2		171	174		ng/L		100	70 - 130
Perfluorododecanoic acid (PFDoA)	0.89	J	192	199		ng/L		103	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-159848-1 MS
Matrix: Water
Analysis Batch: 156305

Client Sample ID: BFB Well 1 MM - MS
Prep Type: Total/NA
Prep Batch: 156211

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	1.3	J	192	195		ng/L		101	70 - 130
Perfluorodecanoic acid (PFDA)	1.2	J	192	198		ng/L		102	70 - 130
Perfluorononanoic acid (PFNA)	<0.70		192	206		ng/L		107	70 - 130
Perfluorooctanoic acid (PFOA)	5.0		192	192		ng/L		97	70 - 130
Perfluoroheptanoic acid (PFHpA)	1.9		192	192		ng/L		99	70 - 130
Perfluorohexanoic acid (PFHxA)	2.7		192	198		ng/L		102	70 - 130
Perfluoropentanoic acid (PFPeA)	2.3		192	200		ng/L		103	70 - 130
Perfluorobutanoic acid (PFBA)	1.9		192	193		ng/L		99	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3 PFHxS	*92*		*50 - 200*
13C2-8:2-FTS	*107*		*50 - 200*
13C2-6:2-FTS	*104*		*50 - 200*
13C2-4:2-FTS	*164*		*50 - 200*
13C8 PFOS	*97*		*50 - 200*
13C3 PFBS	*98*		*50 - 200*
13C3 HFPO-DA	*95*		*50 - 200*
13C2 PFDoA	*58*		*50 - 200*
13C7 PFUnA	*44*	*5-	*50 - 200*
13C6 PFDA	*46*	*5-	*50 - 200*
13C9 PFNA	*70*		*50 - 200*
13C8 PFOA	*87*		*50 - 200*
13C4 PFHpA	*94*		*50 - 200*
13C5 PFHxA	*98*		*50 - 200*
13C5 PFPeA	*80*		*50 - 200*
13C4 PFBA	*95*		*50 - 200*

Lab Sample ID: 810-159848-1 MSD
Matrix: Water
Analysis Batch: 156305

Client Sample ID: BFB Well 1 MM - MSD
Prep Type: Total/NA
Prep Batch: 156211

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3,6-dioxaheptanoic acid	<0.89		195	200		ng/L		103	70 - 130	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.78		195	192		ng/L		98	70 - 130	3	30
Perfluoro(4-methoxybutanoic acid)	<0.62		195	218		ng/L		112	70 - 130	2	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.78		184	185		ng/L		100	70 - 130	2	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.93		182	185		ng/L		101	70 - 130	3	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.57		184	191		ng/L		103	70 - 130	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.68		195	198		ng/L		101	70 - 130	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.55		187	188		ng/L		100	70 - 130	8	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.65		186	175		ng/L		94	70 - 130	11	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-159848-1 MSD
Matrix: Water
Analysis Batch: 156305

Client Sample ID: BFB Well 1 MM - MSD
Prep Type: Total/NA
Prep Batch: 156211

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.64		183	178		ng/L		97	70 - 130	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.63		174	141		ng/L		81	70 - 130	4	30
Perfluorooctanesulfonic acid (PFOS)	7.0		181	187		ng/L		99	70 - 130	5	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.57		186	180		ng/L		97	70 - 130	3	30
Perfluorohexanesulfonic acid (PFHxS)	5.4		178	185		ng/L		101	70 - 130	0	30
Perfluoropentanesulfonic acid (PFPeS)	<0.66		183	182		ng/L		99	70 - 130	0	30
Perfluorobutanesulfonic acid (PFBS)	2.2		173	178		ng/L		102	70 - 130	3	30
Perfluorododecanoic acid (PFDoA)	0.89	J	195	202		ng/L		103	70 - 130	2	30
Perfluoroundecanoic acid (PFUnA)	1.3	J	195	196		ng/L		100	70 - 130	1	30
Perfluorodecanoic acid (PFDA)	1.2	J	195	209		ng/L		106	70 - 130	5	30
Perfluorononanoic acid (PFNA)	<0.70		195	200		ng/L		103	70 - 130	3	30
Perfluorooctanoic acid (PFOA)	5.0		195	202		ng/L		101	70 - 130	5	30
Perfluoroheptanoic acid (PFHpA)	1.9		195	199		ng/L		101	70 - 130	3	30
Perfluorohexanoic acid (PFHxA)	2.7		195	201		ng/L		102	70 - 130	2	30
Perfluoropentanoic acid (PFPeA)	2.3		195	203		ng/L		103	70 - 130	2	30
Perfluorobutanoic acid (PFBA)	1.9		195	197		ng/L		100	70 - 130	2	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3 PFHxS	*89*		*50 - 200*
13C2-8:2-FTS	*99*		*50 - 200*
13C2-6:2-FTS	*105*		*50 - 200*
13C2-4:2-FTS	*157*		*50 - 200*
13C8 PFOS	*93*		*50 - 200*
13C3 PFBS	*94*		*50 - 200*
13C3 HFPO-DA	*98*		*50 - 200*
13C2 PFDoA	*70*		*50 - 200*
13C7 PFUnA	*55*		*50 - 200*
13C6 PFDA	*54*		*50 - 200*
13C9 PFNA	*77*		*50 - 200*
13C8 PFOA	*88*		*50 - 200*
13C4 PFHpA	*94*		*50 - 200*
13C5 PFHxA	*101*		*50 - 200*
13C5 PFPeA	*80*		*50 - 200*
13C4 PFBA	*94*		*50 - 200*

Lab Sample ID: MBL 810-156240/1-A
Matrix: Water
Analysis Batch: 156302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156240

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		08/18/25 09:14	08/18/25 20:50	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-156240/1-A
Matrix: Water
Analysis Batch: 156302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156240

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		08/18/25 09:14	08/18/25 20:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		08/18/25 09:14	08/18/25 20:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		08/18/25 09:14	08/18/25 20:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		08/18/25 09:14	08/18/25 20:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		08/18/25 09:14	08/18/25 20:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		08/18/25 09:14	08/18/25 20:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		08/18/25 09:14	08/18/25 20:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	0.73	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		08/18/25 09:14	08/18/25 20:50	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		08/18/25 09:14	08/18/25 20:50	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*88*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C2-8:2-FTS	*96*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C2-6:2-FTS	*89*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C2-4:2-FTS	*85*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C8 PFOS	*88*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C3 PFBS	*95*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C3 HFPO-DA	*80*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C2 PFDoA	*88*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C7 PFUnA	*88*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C6 PFDA	*91*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C9 PFNA	*88*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C8 PFOA	*87*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C4 PFHpA	*87*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*
13C5 PFHxA	*80*		*50 - 200*	*08/18/25 09:14*	*08/18/25 20:50*	*1*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-156240/1-A
Matrix: Water
Analysis Batch: 156302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156240

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	82		50 - 200	08/18/25 09:14	08/18/25 20:50	1
13C4 PFBA	82		50 - 200	08/18/25 09:14	08/18/25 20:50	1

Lab Sample ID: LCS 810-156240/3-A
Matrix: Water
Analysis Batch: 156302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	200	174		ng/L		87	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	200	181		ng/L		90	70 - 130
Perfluoro(4-methoxybutanoic acid)	200	185		ng/L		93	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	189	180		ng/L		95	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	187	177		ng/L		95	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	189	161		ng/L		85	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	200	199		ng/L		99	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	192	194		ng/L		101	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	190	178		ng/L		93	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	188	183		ng/L		97	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	178	170		ng/L		95	70 - 130
Perfluorooctanesulfonic acid (PFOS)	186	177		ng/L		95	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	191	179		ng/L		94	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	183	175		ng/L		96	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	188	184		ng/L		98	70 - 130
Perfluorobutanesulfonic acid (PFBS)	178	166		ng/L		94	70 - 130
Perfluorododecanoic acid (PFDoA)	200	194		ng/L		97	70 - 130
Perfluoroundecanoic acid (PFUnA)	200	197		ng/L		99	70 - 130
Perfluorodecanoic acid (PFDA)	200	203		ng/L		102	70 - 130
Perfluorononanoic acid (PFNA)	200	198		ng/L		99	70 - 130
Perfluorooctanoic acid (PFOA)	200	191		ng/L		95	70 - 130
Perfluoroheptanoic acid (PFHpA)	200	189		ng/L		94	70 - 130
Perfluorohexanoic acid (PFHxA)	200	199		ng/L		100	70 - 130
Perfluoropentanoic acid (PFPeA)	200	197		ng/L		98	70 - 130
Perfluorobutanoic acid (PFBA)	200	189		ng/L		94	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C3 PFHxS	92		50 - 200
13C2-8:2-FTS	91		50 - 200
13C2-6:2-FTS	98		50 - 200
13C2-4:2-FTS	91		50 - 200
13C8 PFOS	95		50 - 200
13C3 PFBS	95		50 - 200
13C3 HFPO-DA	64		50 - 200
13C2 PFDoA	89		50 - 200
13C7 PFUnA	86		50 - 200
13C6 PFDA	84		50 - 200
13C9 PFNA	84		50 - 200
13C8 PFOA	80		50 - 200
13C4 PFHpA	74		50 - 200
13C5 PFHxA	67		50 - 200
13C5 PFPeA	65		50 - 200
13C4 PFBA	62		50 - 200

Lab Sample ID: LLCS 810-156240/2-A
Matrix: Water
Analysis Batch: 156302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156240

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.84	J	ng/L		92	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.85	J	ng/L		93	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.92	J	ng/L		96	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.77	J	ng/L		94	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.82	J	ng/L		98	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.80	J	ng/L		95	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.92	J	ng/L		96	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.92	J	ng/L		100	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.90	J	ng/L		100	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.82	J	ng/L		97	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.75	J	ng/L		98	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.90	J	ng/L		103	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.77	J	ng/L		93	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.75	J	ng/L		96	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.81	J	ng/L		96	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.68	J	ng/L		95	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.01		ng/L		101	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-156240/2-A
Matrix: Water
Analysis Batch: 156302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156240

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.00	2.01		ng/L		101	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.94	J	ng/L		97	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.91	J	ng/L		96	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.76	J	ng/L		88	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.82	J	ng/L		91	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.91	J	ng/L		95	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.89	J	ng/L		95	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.90	J	ng/L		95	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*89*		*50 - 200*
13C2-8:2-FTS	*95*		*50 - 200*
13C2-6:2-FTS	*89*		*50 - 200*
13C2-4:2-FTS	*83*		*50 - 200*
13C8 PFOS	*89*		*50 - 200*
13C3 PFBS	*94*		*50 - 200*
13C3 HFPO-DA	*85*		*50 - 200*
13C2 PFDoA	*85*		*50 - 200*
13C7 PFUnA	*88*		*50 - 200*
13C6 PFDA	*91*		*50 - 200*
13C9 PFNA	*92*		*50 - 200*
13C8 PFOA	*92*		*50 - 200*
13C4 PFHpA	*90*		*50 - 200*
13C5 PFHxA	*86*		*50 - 200*
13C5 PFPeA	*89*		*50 - 200*
13C4 PFBA	*86*		*50 - 200*

Lab Sample ID: MBL 810-156441/1-A
Matrix: Water
Analysis Batch: 156525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156441

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		08/19/25 07:12	08/19/25 18:03	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.82		2.0	0.82	ng/L		08/19/25 07:12	08/19/25 18:03	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.97		2.0	0.97	ng/L		08/19/25 07:12	08/19/25 18:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		08/19/25 07:12	08/19/25 18:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		08/19/25 07:12	08/19/25 18:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		08/19/25 07:12	08/19/25 18:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		08/19/25 07:12	08/19/25 18:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		08/19/25 07:12	08/19/25 18:03	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-156441/1-A
Matrix: Water
Analysis Batch: 156525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156441

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	0.73	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		08/19/25 07:12	08/19/25 18:03	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		08/19/25 07:12	08/19/25 18:03	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*101*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C2-8:2-FTS	*105*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C2-6:2-FTS	*94*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C2-4:2-FTS	*97*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C8 PFOS	*102*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C3 PFBS	*107*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C3 HFPO-DA	*90*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C2 PFDoA	*91*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C7 PFUnA	*91*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C6 PFDA	*94*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C9 PFNA	*98*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C8 PFOA	*97*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C4 PFHpA	*98*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C5 PFHxA	*94*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C5 PFPeA	*96*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*
13C4 PFBA	*95*		*50 - 200*	*08/19/25 07:12*	*08/19/25 18:03*	*1*

Lab Sample ID: LCS 810-156441/3-A
Matrix: Water
Analysis Batch: 156525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	200	195		ng/L		98	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	200	191		ng/L		95	70 - 130
Perfluoro(4-methoxybutanoic acid)	200	188		ng/L		94	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	189	183		ng/L		97	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 810-156441/3-A
Matrix: Water
Analysis Batch: 156525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	187	183		ng/L		98	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	189	165		ng/L		87	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	200	194		ng/L		97	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	192	182		ng/L		95	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	190	188		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	188	181		ng/L		96	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	178	162		ng/L		91	70 - 130
Perfluorooctanesulfonic acid (PFOS)	186	179		ng/L		96	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	191	183		ng/L		96	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	183	174		ng/L		96	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	188	179		ng/L		95	70 - 130
Perfluorobutanesulfonic acid (PFBS)	178	172		ng/L		97	70 - 130
Perfluorododecanoic acid (PFDoA)	200	202		ng/L		101	70 - 130
Perfluoroundecanoic acid (PFUnA)	200	199		ng/L		100	70 - 130
Perfluorodecanoic acid (PFDA)	200	199		ng/L		100	70 - 130
Perfluorononanoic acid (PFNA)	200	197		ng/L		99	70 - 130
Perfluorooctanoic acid (PFOA)	200	197		ng/L		98	70 - 130
Perfluoroheptanoic acid (PFHpA)	200	198		ng/L		99	70 - 130
Perfluorohexanoic acid (PFHxA)	200	198		ng/L		99	70 - 130
Perfluoropentanoic acid (PFPeA)	200	194		ng/L		97	70 - 130
Perfluorobutanoic acid (PFBA)	200	192		ng/L		96	70 - 130

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C3 PFHxS	*99*		*50 - 200*
13C2-8:2-FTS	*104*		*50 - 200*
13C2-6:2-FTS	*100*		*50 - 200*
13C2-4:2-FTS	*101*		*50 - 200*
13C8 PFOS	*98*		*50 - 200*
13C3 PFBS	*102*		*50 - 200*
13C3 HFPO-DA	*64*		*50 - 200*
13C2 PFDoA	*73*		*50 - 200*
13C7 PFUnA	*66*		*50 - 200*
13C6 PFDA	*66*		*50 - 200*
13C9 PFNA	*60*		*50 - 200*
13C8 PFOA	*60*		*50 - 200*
13C4 PFHpA	*65*		*50 - 200*
13C5 PFHxA	*67*		*50 - 200*
13C5 PFPeA	*72*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 810-156441/3-A
Matrix: Water
Analysis Batch: 156525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156441

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	71		50 - 200

Lab Sample ID: LLCS 810-156441/2-A
Matrix: Water
Analysis Batch: 156525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156441

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.93	J	ng/L		96	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.76	J	ng/L		88	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.83	J	ng/L		92	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.71	J	ng/L		91	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.72	J	ng/L		92	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.75	J	ng/L		92	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.85	J	ng/L		92	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.86	J	ng/L		97	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.73	J	ng/L		91	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.73	J	ng/L		92	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.64	J	ng/L		92	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.77	J	ng/L		96	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.72	J	ng/L		90	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.59	J	ng/L		87	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.49	J	ng/L		79	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.55	J	ng/L		87	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.04		ng/L		102	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.91	J	ng/L		95	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.91	J	ng/L		96	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.81	J	ng/L		90	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.72	J	ng/L		86	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.84	J	ng/L		92	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.86	J	ng/L		93	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.81	J	ng/L		91	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.83	J	ng/L		91	50 - 150

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C3 PFHxS	102		50 - 200

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-156441/2-A
Matrix: Water
Analysis Batch: 156525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156441

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C2-8:2-FTS	*108*		*50 - 200*
13C2-6:2-FTS	*100*		*50 - 200*
13C2-4:2-FTS	*96*		*50 - 200*
13C8 PFOS	*101*		*50 - 200*
13C3 PFBS	*107*		*50 - 200*
13C3 HFPO-DA	*95*		*50 - 200*
13C2 PFDoA	*99*		*50 - 200*
13C7 PFUnA	*102*		*50 - 200*
13C6 PFDA	*103*		*50 - 200*
13C9 PFNA	*103*		*50 - 200*
13C8 PFOA	*103*		*50 - 200*
13C4 PFHpA	*101*		*50 - 200*
13C5 PFHxA	*99*		*50 - 200*
13C5 PFPeA	*103*		*50 - 200*
13C4 PFBA	*100*		*50 - 200*

Lab Sample ID: 810-159848-8 MS
Matrix: Water
Analysis Batch: 156525

Client Sample ID: SB Well 5 MM - MS
Prep Type: Total/NA
Prep Batch: 156441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	<0.91		190	186		ng/L		98	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.79		190	145		ng/L		77	70 - 130
Perfluoro(4-methoxybutanoic acid)	<0.63		190	206		ng/L		108	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.80		179	172		ng/L		96	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.95		177	175		ng/L		99	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.59		179	164		ng/L		92	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		190	189		ng/L		100	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		182	175		ng/L		96	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		180	185		ng/L		103	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		178	168		ng/L		95	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64	F1	169	90.3	F1	ng/L		53	70 - 130
Perfluorooctanesulfonic acid (PFOS)	<0.67		176	168		ng/L		95	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.59		181	179		ng/L		99	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<0.64		173	165		ng/L		95	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.67		178	176		ng/L		99	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.64		168	164		ng/L		97	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-159848-8 MS
Matrix: Water
Analysis Batch: 156525

Client Sample ID: SB Well 5 MM - MS
Prep Type: Total/NA
Prep Batch: 156441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	<0.68		190	194		ng/L		102	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.68		190	190		ng/L		100	70 - 130
Perfluorodecanoic acid (PFDA)	<0.64		190	193		ng/L		102	70 - 130
Perfluorononanoic acid (PFNA)	<0.71		190	190		ng/L		100	70 - 130
Perfluorooctanoic acid (PFOA)	<0.72		190	181		ng/L		95	70 - 130
Perfluoroheptanoic acid (PFHpA)	<0.70		190	186		ng/L		98	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.71		190	187		ng/L		99	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.75		190	185		ng/L		98	70 - 130
Perfluorobutanoic acid (PFBA)	<0.51		190	184		ng/L		97	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3 PFHxS	*105*		*50 - 200*
13C2-8:2-FTS	*110*		*50 - 200*
13C2-6:2-FTS	*138*		*50 - 200*
13C2-4:2-FTS	*195*		*50 - 200*
13C8 PFOS	*100*		*50 - 200*
13C3 PFBS	*104*		*50 - 200*
13C3 HFPO-DA	*85*		*50 - 200*
13C2 PFDoA	*77*		*50 - 200*
13C7 PFUnA	*75*		*50 - 200*
13C6 PFDA	*63*		*50 - 200*
13C9 PFNA	*69*		*50 - 200*
13C8 PFOA	*90*		*50 - 200*
13C4 PFHpA	*94*		*50 - 200*
13C5 PFHxA	*95*		*50 - 200*
13C5 PFPeA	*82*		*50 - 200*
13C4 PFBA	*102*		*50 - 200*

Lab Sample ID: 810-159848-8 MSD
Matrix: Water
Analysis Batch: 156525

Client Sample ID: SB Well 5 MM - MSD
Prep Type: Total/NA
Prep Batch: 156441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3,6-dioxaheptanoic acid	<0.91		190	187		ng/L		98	70 - 130	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.79		190	146		ng/L		77	70 - 130	0	30
Perfluoro(4-methoxybutanoic acid)	<0.63		190	202		ng/L		107	70 - 130	2	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.80		179	181		ng/L		101	70 - 130	5	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.95		177	173		ng/L		98	70 - 130	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.59		179	164		ng/L		91	70 - 130	0	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.69		190	186		ng/L		98	70 - 130	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.56		182	178		ng/L		98	70 - 130	1	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-159848-8 MSD
Matrix: Water
Analysis Batch: 156525

Client Sample ID: SB Well 5 MM - MSD
Prep Type: Total/NA
Prep Batch: 156441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.66		181	182		ng/L		101	70 - 130	1	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.65		178	167		ng/L		94	70 - 130	1	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.64	F1	169	91.6	F1	ng/L		54	70 - 130	1	30
Perfluorooctanesulfonic acid (PFOS)	<0.67		176	169		ng/L		96	70 - 130	1	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.59		181	180		ng/L		99	70 - 130	1	30
Perfluorohexanesulfonic acid (PFHxS)	<0.64		173	167		ng/L		97	70 - 130	1	30
Perfluoropentanesulfonic acid (PFPeS)	<0.67		178	173		ng/L		97	70 - 130	1	30
Perfluorobutanesulfonic acid (PFBS)	<0.64		168	162		ng/L		96	70 - 130	1	30
Perfluorododecanoic acid (PFDoA)	<0.68		190	192		ng/L		101	70 - 130	1	30
Perfluoroundecanoic acid (PFUnA)	<0.68		190	187		ng/L		99	70 - 130	1	30
Perfluorodecanoic acid (PFDA)	<0.64		190	190		ng/L		100	70 - 130	1	30
Perfluorononanoic acid (PFNA)	<0.71		190	191		ng/L		101	70 - 130	1	30
Perfluorooctanoic acid (PFOA)	<0.72		190	182		ng/L		96	70 - 130	1	30
Perfluoroheptanoic acid (PFHpA)	<0.70		190	184		ng/L		97	70 - 130	1	30
Perfluorohexanoic acid (PFHxA)	<0.71		190	186		ng/L		98	70 - 130	1	30
Perfluoropentanoic acid (PFPeA)	<0.75		190	184		ng/L		97	70 - 130	1	30
Perfluorobutanoic acid (PFBA)	<0.51		190	182		ng/L		96	70 - 130	1	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3 PFHxS	*104*		*50 - 200*
13C2-8:2-FTS	*113*		*50 - 200*
13C2-6:2-FTS	*129*		*50 - 200*
13C2-4:2-FTS	*193*		*50 - 200*
13C8 PFOS	*99*		*50 - 200*
13C3 PFBS	*104*		*50 - 200*
13C3 HFPO-DA	*86*		*50 - 200*
13C2 PFDoA	*67*		*50 - 200*
13C7 PFUnA	*53*		*50 - 200*
13C6 PFDA	*41*	*5-	*50 - 200*
13C9 PFNA	*59*		*50 - 200*
13C8 PFOA	*87*		*50 - 200*
13C4 PFHpA	*96*		*50 - 200*
13C5 PFHxA	*96*		*50 - 200*
13C5 PFPeA	*83*		*50 - 200*
13C4 PFBA	*101*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-156456/1-A
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156456

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		08/19/25 09:06	08/20/25 00:12	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		08/19/25 09:06	08/20/25 00:12	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		08/19/25 09:06	08/20/25 00:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		08/19/25 09:06	08/20/25 00:12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		08/19/25 09:06	08/20/25 00:12	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		08/19/25 09:06	08/20/25 00:12	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		08/19/25 09:06	08/20/25 00:12	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluoroundecanoic acid (PFUnA)	0.873	J B	2.0	0.70	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluorodecanoic acid (PFDA)	0.999	J B	2.0	0.66	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluorononanoic acid (PFNA)	0.825	J B	2.0	0.73	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		08/19/25 09:06	08/20/25 00:12	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		08/19/25 09:06	08/20/25 00:12	1

Isotope Dilution	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFHxS	*101*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C2-8:2-FTS	*102*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C2-6:2-FTS	*94*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C2-4:2-FTS	*92*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C8 PFOS	*101*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C3 PFBS	*105*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C3 HFPO-DA	*74*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C2 PFDoA	*86*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C7 PFUnA	*82*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C6 PFDA	*82*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C9 PFNA	*86*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C8 PFOA	*81*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*
13C4 PFHpA	*82*		*50 - 200*	*08/19/25 09:06*	*08/20/25 00:12*	*1*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-156456/1-A
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156456

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	77		50 - 200	08/19/25 09:06	08/20/25 00:12	1
13C5 PFPeA	76		50 - 200	08/19/25 09:06	08/20/25 00:12	1
13C4 PFBA	74		50 - 200	08/19/25 09:06	08/20/25 00:12	1

Lab Sample ID: LCS 810-156456/3-A
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156456

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	400	380		ng/L		95	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	400	385		ng/L		96	70 - 130
Perfluoro(4-methoxybutanoic acid)	400	401		ng/L		100	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	378	353		ng/L		94	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	374	357		ng/L		96	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	378	335		ng/L		89	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	400	405		ng/L		101	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	384	382		ng/L		99	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	381	372		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	375	373		ng/L		99	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	357	342		ng/L		96	70 - 130
Perfluorooctanesulfonic acid (PFOS)	371	374		ng/L		101	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	382	374		ng/L		98	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	365	364		ng/L		100	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	376	382		ng/L		102	70 - 130
Perfluorobutanesulfonic acid (PFBS)	355	360		ng/L		101	70 - 130
Perfluorododecanoic acid (PFDoA)	400	408		ng/L		102	70 - 130
Perfluoroundecanoic acid (PFUnA)	400	410		ng/L		102	70 - 130
Perfluorodecanoic acid (PFDA)	400	411		ng/L		103	70 - 130
Perfluorononanoic acid (PFNA)	400	397		ng/L		99	70 - 130
Perfluorooctanoic acid (PFOA)	400	397		ng/L		99	70 - 130
Perfluoroheptanoic acid (PFHpA)	400	399		ng/L		100	70 - 130
Perfluorohexanoic acid (PFHxA)	400	418		ng/L		105	70 - 130
Perfluoropentanoic acid (PFPeA)	400	400		ng/L		100	70 - 130
Perfluorobutanoic acid (PFBA)	400	402		ng/L		101	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C3 PFHxS	98		50 - 200
13C2-8:2-FTS	106		50 - 200
13C2-6:2-FTS	106		50 - 200
13C2-4:2-FTS	110		50 - 200
13C8 PFOS	102		50 - 200
13C3 PFBS	100		50 - 200
13C3 HFPO-DA	60		50 - 200
13C2 PFDoA	71		50 - 200
13C7 PFUnA	65		50 - 200
13C6 PFDA	61		50 - 200
13C9 PFNA	60		50 - 200
13C8 PFOA	59		50 - 200
13C4 PFHpA	64		50 - 200
13C5 PFHxA	62		50 - 200
13C5 PFPeA	59		50 - 200
13C4 PFBA	58		50 - 200

Lab Sample ID: LLCS 810-156456/2-A
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156456

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.92	J	ng/L		96	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.86	J	ng/L		93	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.99	J	ng/L		100	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.91	J	ng/L		101	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.83	J	ng/L		98	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.82	J	ng/L		96	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	2.12		ng/L		106	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	2.00		ng/L		104	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.90	J	ng/L		100	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.94	J	ng/L		103	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.78	J	ng/L		100	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	2.01		ng/L		108	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.79	J	ng/L		94	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.78	J	ng/L		98	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.83	J	ng/L		97	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.72	J	ng/L		97	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.23		ng/L		111	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-156456/2-A
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156456

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.00	2.27		ng/L		113	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.17		ng/L		109	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.12		ng/L		106	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	2.05		ng/L		103	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.10		ng/L		105	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	2.10		ng/L		105	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	2.03		ng/L		102	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.98	J	ng/L		99	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*103*		*50 - 200*
13C2-8:2-FTS	*103*		*50 - 200*
13C2-6:2-FTS	*99*		*50 - 200*
13C2-4:2-FTS	*96*		*50 - 200*
13C8 PFOS	*104*		*50 - 200*
13C3 PFBS	*110*		*50 - 200*
13C3 HFPO-DA	*82*		*50 - 200*
13C2 PFDoA	*98*		*50 - 200*
13C7 PFUnA	*99*		*50 - 200*
13C6 PFDA	*99*		*50 - 200*
13C9 PFNA	*103*		*50 - 200*
13C8 PFOA	*96*		*50 - 200*
13C4 PFHpA	*93*		*50 - 200*
13C5 PFHxA	*86*		*50 - 200*
13C5 PFPeA	*84*		*50 - 200*
13C4 PFBA	*80*		*50 - 200*

Lab Sample ID: 810-159848-14 MS
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Mims Well 10 MM - MS
Prep Type: Total/NA
Prep Batch: 156456

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	<0.93		194	206		ng/L		106	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		194	199		ng/L		103	70 - 130
Perfluoro(4-methoxybutanoic acid)	<0.65		194	203		ng/L		105	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		183	177		ng/L		97	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		181	177		ng/L		98	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		183	187		ng/L		102	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		194	202		ng/L		104	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		186	194		ng/L		105	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		184	185		ng/L		101	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-159848-14 MS
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Mims Well 10 MM - MS
Prep Type: Total/NA
Prep Batch: 156456

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		182	184		ng/L		101	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		173	149		ng/L		86	70 - 130
Perfluorooctanesulfonic acid (PFOS)	12		180	191		ng/L		99	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		185	185		ng/L		100	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	1.9	J	177	183		ng/L		103	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.69		182	190		ng/L		104	70 - 130
Perfluorobutanesulfonic acid (PFBS)	5.8		172	180		ng/L		101	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.70		194	207		ng/L		107	70 - 130
Perfluoroundecanoic acid (PFUnA)	1.1	J B	194	196		ng/L		100	70 - 130
Perfluorodecanoic acid (PFDA)	1.7	J B	194	202		ng/L		104	70 - 130
Perfluorononanoic acid (PFNA)	4.2	B	194	203		ng/L		103	70 - 130
Perfluorooctanoic acid (PFOA)	5.7		194	196		ng/L		98	70 - 130
Perfluoroheptanoic acid (PFHpA)	3.0		194	203		ng/L		103	70 - 130
Perfluorohexanoic acid (PFHxA)	4.6		194	209		ng/L		105	70 - 130
Perfluoropentanoic acid (PFPeA)	5.9		194	207		ng/L		104	70 - 130
Perfluorobutanoic acid (PFBA)	5.1		194	204		ng/L		103	70 - 130

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3 PFHxS	*94*		*50 - 200*
13C2-8:2-FTS	*101*		*50 - 200*
13C2-6:2-FTS	*105*		*50 - 200*
13C2-4:2-FTS	*141*		*50 - 200*
13C8 PFOS	*97*		*50 - 200*
13C3 PFBS	*105*		*50 - 200*
13C3 HFPO-DA	*98*		*50 - 200*
13C2 PFDoA	*75*		*50 - 200*
13C7 PFUnA	*64*		*50 - 200*
13C6 PFDA	*56*		*50 - 200*
13C9 PFNA	*74*		*50 - 200*
13C8 PFOA	*90*		*50 - 200*
13C4 PFHpA	*97*		*50 - 200*
13C5 PFHxA	*103*		*50 - 200*
13C5 PFPeA	*102*		*50 - 200*
13C4 PFBA	*99*		*50 - 200*

Lab Sample ID: 810-159848-14 MSD
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Mims Well 10 MM - MSD
Prep Type: Total/NA
Prep Batch: 156456

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3,6-dioxaheptanoic acid	<0.93		196	198		ng/L		101	70 - 130	4	30

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-159848-14 MSD
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Mims Well 10 MM - MSD
Prep Type: Total/NA
Prep Batch: 156456

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		196	193		ng/L		99	70 - 130	3	30
Perfluoro(4-methoxybutanoic acid)	<0.65		196	203		ng/L		104	70 - 130	0	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		185	177		ng/L		96	70 - 130	0	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		183	179		ng/L		98	70 - 130	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		185	178		ng/L		96	70 - 130	5	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		196	198		ng/L		101	70 - 130	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		188	181		ng/L		96	70 - 130	7	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		187	187		ng/L		100	70 - 130	1	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		184	178		ng/L		97	70 - 130	3	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		175	151		ng/L		86	70 - 130	1	30
Perfluorooctanesulfonic acid (PFOS)	12		182	191		ng/L		98	70 - 130	0	30
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		187	182		ng/L		97	70 - 130	2	30
Perfluorohexanesulfonic acid (PFHxS)	1.9	J	179	180		ng/L		99	70 - 130	2	30
Perfluoropentanesulfonic acid (PFPeS)	<0.69		184	190		ng/L		103	70 - 130	0	30
Perfluorobutanesulfonic acid (PFBS)	5.8		174	177		ng/L		98	70 - 130	2	30
Perfluorododecanoic acid (PFDoA)	<0.70		196	204		ng/L		104	70 - 130	2	30
Perfluoroundecanoic acid (PFUnA)	1.1	J B	196	208		ng/L		105	70 - 130	6	30
Perfluorodecanoic acid (PFDA)	1.7	J B	196	200		ng/L		101	70 - 130	1	30
Perfluorononanoic acid (PFNA)	4.2	B	196	213		ng/L		107	70 - 130	5	30
Perfluorooctanoic acid (PFOA)	5.7		196	194		ng/L		96	70 - 130	1	30
Perfluoroheptanoic acid (PFHpA)	3.0		196	195		ng/L		98	70 - 130	4	30
Perfluorohexanoic acid (PFHxA)	4.6		196	201		ng/L		100	70 - 130	4	30
Perfluoropentanoic acid (PFPeA)	5.9		196	203		ng/L		101	70 - 130	2	30
Perfluorobutanoic acid (PFBA)	5.1		196	199		ng/L		99	70 - 130	2	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C3 PFHxS	*103*		*50 - 200*
13C2-8:2-FTS	*111*		*50 - 200*
13C2-6:2-FTS	*112*		*50 - 200*
13C2-4:2-FTS	*160*		*50 - 200*
13C8 PFOS	*107*		*50 - 200*
13C3 PFBS	*114*		*50 - 200*
13C3 HFPO-DA	*107*		*50 - 200*
13C2 PFDoA	*80*		*50 - 200*
13C7 PFUnA	*65*		*50 - 200*
13C6 PFDA	*57*		*50 - 200*

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-159848-14 MSD
Matrix: Water
Analysis Batch: 156539

Client Sample ID: Mims Well 10 MM - MSD
Prep Type: Total/NA
Prep Batch: 156456

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C9 PFNA	75		50 - 200
13C8 PFOA	96		50 - 200
13C4 PFHpA	105		50 - 200
13C5 PFHxA	111		50 - 200
13C5 PFPeA	103		50 - 200
13C4 PFBA	105		50 - 200

Lab Sample ID: MBL 810-156691/1-A
Matrix: Water
Analysis Batch: 156763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156691

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0	0.93	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	0.81	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0	0.65	ng/L		08/20/25 08:42	08/20/25 18:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.82		2.0	0.82	ng/L		08/20/25 08:42	08/20/25 18:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.97		2.0	0.97	ng/L		08/20/25 08:42	08/20/25 18:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	0.60	ng/L		08/20/25 08:42	08/20/25 18:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	0.71	ng/L		08/20/25 08:42	08/20/25 18:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	0.57	ng/L		08/20/25 08:42	08/20/25 18:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	0.68	ng/L		08/20/25 08:42	08/20/25 18:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	0.67	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	0.66	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	0.69	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	0.60	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	0.66	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	0.69	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	0.66	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	0.70	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	0.70	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	0.66	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	0.73	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	0.74	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	0.72	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	0.73	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	0.77	ng/L		08/20/25 08:42	08/20/25 18:01	1
Perfluorobutanoic acid (PFBA)	<0.52		2.0	0.52	ng/L		08/20/25 08:42	08/20/25 18:01	1

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	109		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C2-8:2-FTS	105		50 - 200	08/20/25 08:42	08/20/25 18:01	1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-156691/1-A
Matrix: Water
Analysis Batch: 156763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156691

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-6:2-FTS	102		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C2-4:2-FTS	100		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C8 PFOS	108		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C3 PFBS	109		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C3 HFPO-DA	103		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C2 PFDoA	101		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C7 PFUnA	104		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C6 PFDA	107		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C9 PFNA	108		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C8 PFOA	106		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C4 PFHpA	107		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C5 PFHxA	106		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C5 PFPeA	112		50 - 200	08/20/25 08:42	08/20/25 18:01	1
13C4 PFBA	107		50 - 200	08/20/25 08:42	08/20/25 18:01	1

Lab Sample ID: LCS 810-156691/3-A
Matrix: Water
Analysis Batch: 156763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	200	176		ng/L		88	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	200	198		ng/L		99	70 - 130
Perfluoro(4-methoxybutanoic acid)	200	194		ng/L		97	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	189	180		ng/L		95	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	187	184		ng/L		99	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	189	179		ng/L		95	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	200	196		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	192	192		ng/L		100	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	190	189		ng/L		99	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	188	186		ng/L		99	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	178	175		ng/L		98	70 - 130
Perfluorooctanesulfonic acid (PFOS)	186	186		ng/L		100	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	191	188		ng/L		98	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	183	182		ng/L		100	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	188	191		ng/L		101	70 - 130
Perfluorobutanesulfonic acid (PFBS)	178	178		ng/L		100	70 - 130

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 810-156691/3-A
Matrix: Water
Analysis Batch: 156763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	200	201		ng/L		101	70 - 130
Perfluoroundecanoic acid (PFUnA)	200	200		ng/L		100	70 - 130
Perfluorodecanoic acid (PFDA)	200	199		ng/L		99	70 - 130
Perfluorononanoic acid (PFNA)	200	198		ng/L		99	70 - 130
Perfluorooctanoic acid (PFOA)	200	198		ng/L		99	70 - 130
Perfluoroheptanoic acid (PFHpA)	200	200		ng/L		100	70 - 130
Perfluorohexanoic acid (PFHxA)	200	202		ng/L		101	70 - 130
Perfluoropentanoic acid (PFPeA)	200	202		ng/L		101	70 - 130
Perfluorobutanoic acid (PFBA)	200	200		ng/L		100	70 - 130

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C3 PFHxS	*107*		*50 - 200*
13C2-8:2-FTS	*105*		*50 - 200*
13C2-6:2-FTS	*106*		*50 - 200*
13C2-4:2-FTS	*106*		*50 - 200*
13C8 PFOS	*106*		*50 - 200*
13C3 PFBS	*108*		*50 - 200*
13C3 HFPO-DA	*90*		*50 - 200*
13C2 PFDoA	*98*		*50 - 200*
13C7 PFUnA	*98*		*50 - 200*
13C6 PFDA	*99*		*50 - 200*
13C9 PFNA	*98*		*50 - 200*
13C8 PFOA	*98*		*50 - 200*
13C4 PFHpA	*95*		*50 - 200*
13C5 PFHxA	*92*		*50 - 200*
13C5 PFPeA	*93*		*50 - 200*
13C4 PFBA	*87*		*50 - 200*

Lab Sample ID: LLCS 810-156691/2-A
Matrix: Water
Analysis Batch: 156763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156691

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-3,6-dioxaheptanoic acid	2.00	2.41		ng/L		120	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	2.01		ng/L		100	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.93	J	ng/L		96	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.67	J	ng/L		88	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.62	J	ng/L		87	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.80	J	ng/L		95	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	2.00		ng/L		100	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.76	J	ng/L		92	50 - 150

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LLCS 810-156691/2-A
Matrix: Water
Analysis Batch: 156763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156691

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.74	J	ng/L		91	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.79	J	ng/L		96	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.58	J	ng/L		89	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.76	J	ng/L		95	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.69	J	ng/L		89	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.71	J	ng/L		94	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.55	J	ng/L		83	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.65	J	ng/L		93	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.02		ng/L		101	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.89	J	ng/L		95	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.82	J	ng/L		91	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.93	J	ng/L		97	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.97	J	ng/L		99	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.86	J	ng/L		93	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.90	J	ng/L		95	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.87	J	ng/L		93	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	1.77	J	ng/L		89	50 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3 PFHxS	*108*		*50 - 200*
13C2-8:2-FTS	*102*		*50 - 200*
13C2-6:2-FTS	*101*		*50 - 200*
13C2-4:2-FTS	*97*		*50 - 200*
13C8 PFOS	*106*		*50 - 200*
13C3 PFBS	*108*		*50 - 200*
13C3 HFPO-DA	*102*		*50 - 200*
13C2 PFDoA	*100*		*50 - 200*
13C7 PFUnA	*103*		*50 - 200*
13C6 PFDA	*106*		*50 - 200*
13C9 PFNA	*109*		*50 - 200*
13C8 PFOA	*106*		*50 - 200*
13C4 PFHpA	*108*		*50 - 200*
13C5 PFHxA	*107*		*50 - 200*
13C5 PFPeA	*113*		*50 - 200*
13C4 PFBA	*107*		*50 - 200*

LCMS

Prep Batch: 156211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-1	BFB Well 1 MM	Total/NA	Water	533	
810-159848-2	BFB Entry Point MM	Total/NA	Water	533	
810-159848-4	BFB Well 7 MM	Total/NA	Water	533	
810-159848-5	BFB Well 9 MM	Total/NA	Water	533	
810-159848-6	BFB Well 4 MM	Total/NA	Water	533	
810-159848-7	SB Entry Point MM	Total/NA	Water	533	
810-159848-9	Mims Entry Point MM	Total/NA	Water	533	
810-159848-10	Mims Well 6 MM	Total/NA	Water	533	
MBL 810-156211/1-A	Method Blank	Total/NA	Water	533	
LLCS 810-156211/2-A	Lab Control Sample	Total/NA	Water	533	
810-159848-1 MS	BFB Well 1 MM - MS	Total/NA	Water	533	
810-159848-1 MSD	BFB Well 1 MM - MSD	Total/NA	Water	533	

Prep Batch: 156240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-11	Mims Well 7 MM	Total/NA	Water	533	
810-159848-12	Mims Well 5 MM	Total/NA	Water	533	
810-159848-13	Mims Well 2 MM	Total/NA	Water	533	
MBL 810-156240/1-A	Method Blank	Total/NA	Water	533	
LCS 810-156240/3-A	Lab Control Sample	Total/NA	Water	533	
LLCS 810-156240/2-A	Lab Control Sample	Total/NA	Water	533	

Analysis Batch: 156302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-11	Mims Well 7 MM	Total/NA	Water	533	156240
810-159848-12	Mims Well 5 MM	Total/NA	Water	533	156240
810-159848-13	Mims Well 2 MM	Total/NA	Water	533	156240
MBL 810-156240/1-A	Method Blank	Total/NA	Water	533	156240
LCS 810-156240/3-A	Lab Control Sample	Total/NA	Water	533	156240
LLCS 810-156240/2-A	Lab Control Sample	Total/NA	Water	533	156240

Analysis Batch: 156305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-1	BFB Well 1 MM	Total/NA	Water	533	156211
810-159848-2	BFB Entry Point MM	Total/NA	Water	533	156211
810-159848-4	BFB Well 7 MM	Total/NA	Water	533	156211
810-159848-5	BFB Well 9 MM	Total/NA	Water	533	156211
810-159848-6	BFB Well 4 MM	Total/NA	Water	533	156211
810-159848-7	SB Entry Point MM	Total/NA	Water	533	156211
810-159848-9	Mims Entry Point MM	Total/NA	Water	533	156211
810-159848-10	Mims Well 6 MM	Total/NA	Water	533	156211
MBL 810-156211/1-A	Method Blank	Total/NA	Water	533	156211
LLCS 810-156211/2-A	Lab Control Sample	Total/NA	Water	533	156211
810-159848-1 MS	BFB Well 1 MM - MS	Total/NA	Water	533	156211
810-159848-1 MSD	BFB Well 1 MM - MSD	Total/NA	Water	533	156211

Prep Batch: 156441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-8	SB Well 5 MM	Total/NA	Water	533	
MBL 810-156441/1-A	Method Blank	Total/NA	Water	533	
LCS 810-156441/3-A	Lab Control Sample	Total/NA	Water	533	

LCMS (Continued)

Prep Batch: 156441 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 810-156441/2-A	Lab Control Sample	Total/NA	Water	533	
810-159848-8 MS	SB Well 5 MM - MS	Total/NA	Water	533	
810-159848-8 MSD	SB Well 5 MM - MSD	Total/NA	Water	533	

Prep Batch: 156456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-14	Mims Well 10 MM	Total/NA	Water	533	
MBL 810-156456/1-A	Method Blank	Total/NA	Water	533	
LCS 810-156456/3-A	Lab Control Sample	Total/NA	Water	533	
LLCS 810-156456/2-A	Lab Control Sample	Total/NA	Water	533	
810-159848-14 MS	Mims Well 10 MM - MS	Total/NA	Water	533	
810-159848-14 MSD	Mims Well 10 MM - MSD	Total/NA	Water	533	

Analysis Batch: 156525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-8	SB Well 5 MM	Total/NA	Water	533	156441
MBL 810-156441/1-A	Method Blank	Total/NA	Water	533	156441
LCS 810-156441/3-A	Lab Control Sample	Total/NA	Water	533	156441
LLCS 810-156441/2-A	Lab Control Sample	Total/NA	Water	533	156441
810-159848-8 MS	SB Well 5 MM - MS	Total/NA	Water	533	156441
810-159848-8 MSD	SB Well 5 MM - MSD	Total/NA	Water	533	156441

Analysis Batch: 156539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-14	Mims Well 10 MM	Total/NA	Water	533	156456
MBL 810-156456/1-A	Method Blank	Total/NA	Water	533	156456
LCS 810-156456/3-A	Lab Control Sample	Total/NA	Water	533	156456
LLCS 810-156456/2-A	Lab Control Sample	Total/NA	Water	533	156456
810-159848-14 MS	Mims Well 10 MM - MS	Total/NA	Water	533	156456
810-159848-14 MSD	Mims Well 10 MM - MSD	Total/NA	Water	533	156456

Prep Batch: 156691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-3	BFB FB MM	Total/NA	Water	533	
MBL 810-156691/1-A	Method Blank	Total/NA	Water	533	
LCS 810-156691/3-A	Lab Control Sample	Total/NA	Water	533	
LLCS 810-156691/2-A	Lab Control Sample	Total/NA	Water	533	

Analysis Batch: 156763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-159848-3	BFB FB MM	Total/NA	Water	533	156691
MBL 810-156691/1-A	Method Blank	Total/NA	Water	533	156691
LCS 810-156691/3-A	Lab Control Sample	Total/NA	Water	533	156691
LLCS 810-156691/2-A	Lab Control Sample	Total/NA	Water	533	156691

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Client Sample ID: BFB Well 1 MM

Lab Sample ID: 810-159848-1
Matrix: Water
Date Collected: 08/13/25 08:50
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156211	ET	EA SB	08/18/25 06:15
Total/NA	Analysis	533		1	156305	BS	EA SB	08/19/25 04:38

Client Sample ID: BFB Entry Point MM

Lab Sample ID: 810-159848-2
Matrix: Water
Date Collected: 08/13/25 08:38
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156211	ET	EA SB	08/18/25 06:15
Total/NA	Analysis	533		1	156305	BS	EA SB	08/19/25 12:29

Client Sample ID: BFB FB MM

Lab Sample ID: 810-159848-3
Matrix: Water
Date Collected: 08/13/25 08:40
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156691	MM	EA SB	08/20/25 08:42
Total/NA	Analysis	533		1	156763	MH	EA SB	08/20/25 22:26

Client Sample ID: BFB Well 7 MM

Lab Sample ID: 810-159848-4
Matrix: Water
Date Collected: 08/13/25 09:41
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156211	ET	EA SB	08/18/25 06:15
Total/NA	Analysis	533		1	156305	BS	EA SB	08/19/25 08:47

Client Sample ID: BFB Well 9 MM

Lab Sample ID: 810-159848-5
Matrix: Water
Date Collected: 08/13/25 09:25
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156211	ET	EA SB	08/18/25 06:15
Total/NA	Analysis	533		1	156305	BS	EA SB	08/19/25 09:03

Client Sample ID: BFB Well 4 MM

Lab Sample ID: 810-159848-6
Matrix: Water
Date Collected: 08/13/25 09:15
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156211	ET	EA SB	08/18/25 06:15
Total/NA	Analysis	533		1	156305	BS	EA SB	08/19/25 09:18

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Client Sample ID: SB Entry Point MM

Lab Sample ID: 810-159848-7
Matrix: Water
Date Collected: 08/13/25 09:55
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156211	ET	EA SB	08/18/25 06:15
Total/NA	Analysis	533		1	156305	BS	EA SB	08/19/25 09:34

Client Sample ID: SB Well 5 MM

Lab Sample ID: 810-159848-8
Matrix: Water
Date Collected: 08/13/25 09:53
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156441	ET	EA SB	08/19/25 07:12
Total/NA	Analysis	533		1	156525	MH	EA SB	08/19/25 18:50

Client Sample ID: Mims Entry Point MM

Lab Sample ID: 810-159848-9
Matrix: Water
Date Collected: 08/13/25 11:39
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156211	ET	EA SB	08/18/25 06:15
Total/NA	Analysis	533		1	156305	BS	EA SB	08/19/25 09:50

Client Sample ID: Mims Well 6 MM

Lab Sample ID: 810-159848-10
Matrix: Water
Date Collected: 08/13/25 12:12
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156211	ET	EA SB	08/18/25 06:15
Total/NA	Analysis	533		1	156305	BS	EA SB	08/19/25 10:05

Client Sample ID: Mims Well 7 MM

Lab Sample ID: 810-159848-11
Matrix: Water
Date Collected: 08/13/25 12:34
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156240	MP	EA SB	08/18/25 09:14
Total/NA	Analysis	533		1	156302	MH	EA SB	08/18/25 22:39

Client Sample ID: Mims Well 5 MM

Lab Sample ID: 810-159848-12
Matrix: Water
Date Collected: 08/13/25 12:04
Date Received: 08/14/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156240	MP	EA SB	08/18/25 09:14
Total/NA	Analysis	533		1	156302	MH	EA SB	08/18/25 22:55

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Client Sample ID: Mims Well 2 MM

Date Collected: 08/13/25 11:55
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156240	MP	EA SB	08/18/25 09:14
Total/NA	Analysis	533		1	156302	MH	EA SB	08/18/25 23:11

Client Sample ID: Mims Well 10 MM

Date Collected: 08/13/25 12:22
Date Received: 08/14/25 09:15

Lab Sample ID: 810-159848-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			156456	BAB	EA SB	08/19/25 09:06
Total/NA	Analysis	533		1	156539	MH	EA SB	08/20/25 00:59

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Laboratory: Eurofins Eaton Analytical South Bend

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87775	06-30-26

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA SB
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: 2025 Quarterly PFAS: Brevard County

Job ID: 810-159848-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
810-159848-1	BFB Well 1 MM	Water	08/13/25 08:50	08/14/25 09:15	Florida
810-159848-2	BFB Entry Point MM	Water	08/13/25 08:38	08/14/25 09:15	Florida
810-159848-3	BFB FB MM	Water	08/13/25 08:40	08/14/25 09:15	Florida
810-159848-4	BFB Well 7 MM	Water	08/13/25 09:41	08/14/25 09:15	Florida
810-159848-5	BFB Well 9 MM	Water	08/13/25 09:25	08/14/25 09:15	Florida
810-159848-6	BFB Well 4 MM	Water	08/13/25 09:15	08/14/25 09:15	Florida
810-159848-7	SB Entry Point MM	Water	08/13/25 09:55	08/14/25 09:15	Florida
810-159848-8	SB Well 5 MM	Water	08/13/25 09:53	08/14/25 09:15	Florida
810-159848-9	Mims Entry Point MM	Water	08/13/25 11:39	08/14/25 09:15	Florida
810-159848-10	Mims Well 6 MM	Water	08/13/25 12:12	08/14/25 09:15	Florida
810-159848-11	Mims Well 7 MM	Water	08/13/25 12:34	08/14/25 09:15	Florida
810-159848-12	Mims Well 5 MM	Water	08/13/25 12:04	08/14/25 09:15	Florida
810-159848-13	Mims Well 2 MM	Water	08/13/25 11:55	08/14/25 09:15	Florida
810-159848-14	Mims Well 10 MM	Water	08/13/25 12:22	08/14/25 09:15	Florida

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend, IN 46617
Phone: 574-233-4777 Fax: 574-233-8207

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Mattheis, Joe	Carrier Tracking No(s):	COC No: 810-52628-16597.1
Client Contact: Malik McClain	Phone:	E-Mail: Joe.Mattheis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Jacobs Engineering Group, Inc.	PWSID:	Analysis Requested		Job #:
Address: 200 South Orange Suite 900	Due Date Requested:			Preservation Codes: I - NH4 Acetate
City: Orlando	TAT Requested (days):			
State, Zip: FL, 32801	Compliance Project: Δ Yes Δ No			
Phone: 808-425-3545(Tel)	PO #: Signed Quote 81009997			
Email: malik.mcclain@jacobs.com	WO #:			Other:
Project Name: 2025 Quarterly PFAS: Brevard County	Project #: 81010005			
Site:	SSOW#:			Initial Temp: 1.4 Corrected Temp: 1.4 Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
BFB Well 1 MM	8/13/25	8:50	G	Water					*Client wrote the names on the bottom of the bottles.* 1st 08/14/2025
BFB Well 1 MS MM		8:50		Water					
BFB Well 1 MSD MM		8:50		Water					
BFB Entry Point MM		8:38		Water					
BFB FB MM		8:40		Water					
BFB Well 7 MM		9:41		Water					
BFB Well 9 MM		9:25		Water					
BFB Well 4 MM		9:15		Water					
SB Entry Point MM		9:55		Water					
SB Well 5 MM		9:53		Water					
SB Well 5 MS MM		9:52		Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment

Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
			Kameron Williams	08/14/2025 0915	EEA-SB
Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
Relinquished by	Date/Time	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks

Ver: 10/10/2024

8/22/20: 536

Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend, IN 46617
Phone: 574-233-4777 Fax: 574-233-8207

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Mattheis, Joe	Carrier Tracking No(s):	COC No: 810-52628-16597.2
Client Contact: Malik McClain	Phone:	E-Mail: Joe.Mattheis@et.eurofinsus.com	State of Origin	Page: Page 2 of 2
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 200 South Orange Suite 900	Due Date Requested:			
City: Orlando	TAT Requested (days):			
State, Zip: FL, 32801	Compliance Project: Δ Yes Δ No			
Phone: 808-425-3545(Tel)	PO #: Signed Quote 81009997			
Email: malik.mcclain@jacobs.com	WO #:			
Project Name: 2025 Quarterly PFAS: Brevard County	Project #: 81010005			
Site	SSOW#:			

Analysis Requested

Preservation Codes:
I - NH4 Acetate
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:				I		
SB Well 5 MSD MM	8/13/25	9:52	G	Water					
M.ms Entry Point MM		11:39		Water					
M.ms well 6 MM		12:12		Water					
M.ms Well 7 MM		12:34		Water					
M.ms Well 5 MM		12:04		Water					
M.ms Well 2 MM		11:55		Water					
M.ms Well 10 MM		12:22		Water					
M.ms Well 10 MS MM		12:23		Water					
M.ms Well 10 MSD MM		12:23		Water					
				Water					
				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: Kameron Williams	Date/Time: 08/14/2025 0915	Company: EEA-SB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

8/22/20: 537

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

Job Number: 810-159848-1

Login Number: 159848
List Number: 1
Creator: Williams, Kameron

List Source: Eurofins Eaton Analytical South Bend

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Were samples preserved to correct pH upon receipt, if applicable?	True	
Container provided by EEA	True	

CONSUMER DRINKING WATER NOTICE

The U.S. Environmental Protection Agency (EPA) has published the fifth Unregulated Contaminant Monitoring Rule (UCMR 5) which requires all public water systems that serve more than 10,000 people to sample and analyze for the presence of 29 PFAS chemicals. This applies to The City of Temple Terrace's public water system.

PFAS Chemicals are found in much of the global environment, including public water systems. On **3/04/2025** a sample of drinking water from The City of Temple Terrace Public Water System (PWS) was collected and analyzed for (PFAS). These samples were taken to determine the level of PFAS compounds in the public water system.

Four specific PFAS compounds, for which EPA has issued Health Advisories (see Table 2), PFOA, PFOS, PFBS and GenX chemicals[1], were sampled. Provided is a summary of those results (Table 1):

Results of PFAS Compounds That The EPA Has Issued Health Advisories For				
Sampling Location	**PFOA parts per trillion (ppt)**	**PFOS (ppt)**	**PFBS (ppt)**	**GenX Chemicals (ppt)**
Entry point to Sunningdale Water Treatment Plant	10.0	19.5	11.1	4.4

A total of 25 additional PFAS compounds, for which EPA has not established a Drinking Water Health Advisory, were also detected. See links provided below for where you can access this information.

What is being done

- The City of Temple Terrace will continue to perform the required sampling on its public water system.
- Sampling results will be reported annually.

What should I do?

- If you are concerned about levels of PFAS found in your drinking water, contact your doctor or health care professional.
- Consider actions that may reduce your exposure including installing a home or point of use filter, if possible, while steps are being taken to further understand levels of concern and potentially regulate PFAS at the national level.
- Boiling, freezing, or letting water stand does not reduce PFAS levels.
- Consider any resources and recommendations from your state.
- Review EPA's Meaningful and Achievable Steps You Can Take to Reduce Your Risk.

What are PFAS?

[1] Perfluorooctanoic acid (PFOA), perfluorooctane sulfonic acid (PFOS), perfluorobutane sulfonic acid and its potassium salt (PFBS) and hexafluoropropylene oxide (HFPO) dimer acid and its ammonium salt ("GenX" chemicals)

PFAS are a group of man-made chemicals that have been in use since the 1940s. PFAS are (or have been) found in a wide variety of consumer products and as an ingredient in firefighting foam. PFAS manufacturing and processing facilities, airports, and military installations are some of the contributors of PFAS releases into the air, soil, and water. Because of their widespread use, most people have been exposed to PFAS and there is evidence that exposure to certain PFAS may lead to adverse health effects.

What are the health effects of exposure to PFAS?

Exposure to PFAS may result in a wide range of adverse health outcomes, including:

- developmental effects including to fetuses after exposure during pregnancy or postnatal development (e.g., low birth weight, accelerated puberty, skeletal variations, development of the immune system);
- cancer (e.g., testicular, kidney);
- liver effects (e.g., cellular lesions);
- immune effects (e.g., decreased antibody response to vaccination, decreased immune response immunity);
- thyroid effects and other effects (e.g., cholesterol changes).

For More Information

Contact Name: William Frazier – Environmental Compliance Specialist

- Contact Email: wfrazier@templeterrace.gov
- For general questions call 813-506-6400 or visit our website at https://www.templeterrace.gov/

For information on PFOS, PFOA, PFBS, GenX chemicals and other PFAS, including possible health outcomes, you may visit these websites:

- Basic information, EPA actions to address PFAS, and links to informational resources: www.epa.gov/pfas
- Health information, exposure, and links to additional resources for PFAS in drinking water: www.epa.gov/ground-water-and-drinking-water/drinking-water-health-advisories-pfoa-and-pfos

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

EPA Set Limits		
Chemical	**Minimum Reporting Level (ppt)[2]**	**Lifetime Health Advisory Level (ppt)**
PFOA	4	0.004 (Interim)
PFOS	4	0.02 (Interim)
GenX Chemicals	5	10 (Final)
PFBS	3	2,000 (Final)

- Lab results at or above the number in the minimum reporting level column are reported to the EPA.
- A lifetime Health Advisory Level represents the maximum concentration of a contaminant in drinking water which no adverse health effects are expected during a lifetime of exposure.
- Interim levels are in place until the EPA finalizes regulations. Levels with (Interim) next to them may be temporary.

[2] The MRL is the minimum quantitation level that, with 95 percent confidence, can be achieved by capable analysts at 75 percent or more of the laboratories using a specified analytical method.