

PFAS Monitoring Report Rocky Flats Site, Colorado First Quarter 2024

July 2024



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

CY	calendar year
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
ID	interim directive
ng/L	nanograms per liter
PFAS	per- and polyfluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
PLFTS	Present Landfill Treatment System
SAP	Sampling and Analysis Plan
WQCC	Water Quality Control Commission

1.0 Introduction

Per- and polyfluoroalkyl substances (PFAS) are a group of thousands of human-made chemicals that have been in use since the 1930s and are found in a variety of industrial and commercial products. Common applications include cosmetics, food packaging, stain-resistant and water-resistant articles and treatments, nonstick coatings such as Teflon, and many others. In addition, PFAS have been used in metallurgy and have been an important ingredient in aqueous film-forming foam, also called AFFF, used in firefighting. Some PFAS have been identified as potentially harmful to human health and are being investigated at facilities across the nation.

In consultation with the Colorado Department of Public Health and Environment and the U.S. Environmental Protection Agency (EPA), the U.S. Department of Energy (DOE) developed a Sampling and Analysis Plan (SAP), *Sampling Plan for PFOA/PFOS at the Rocky Flats Site, Colorado* (DOE 2019), that described a limited sampling program at the Rocky Flats Site, Colorado. Eight locations were sampled to screen groundwater and surface water for the presence of two of the PFAS that have received the greatest scrutiny, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS). These compounds were detected in samples collected in 2019 from the Site (DOE 2020). Two of the locations produced samples with concentrations exceeding EPA's 2016 nonenforceable drinking water health advisory limit of 70 nanograms per liter (ng/L) (or parts per trillion) for the sum of the concentrations of PFOA + PFOS. These two locations are a monitoring well near the former Rocky Flats Fire Department and associated training area and the influent to the Present Landfill Treatment System (PLFTS) that treats seepage from the former landfill.

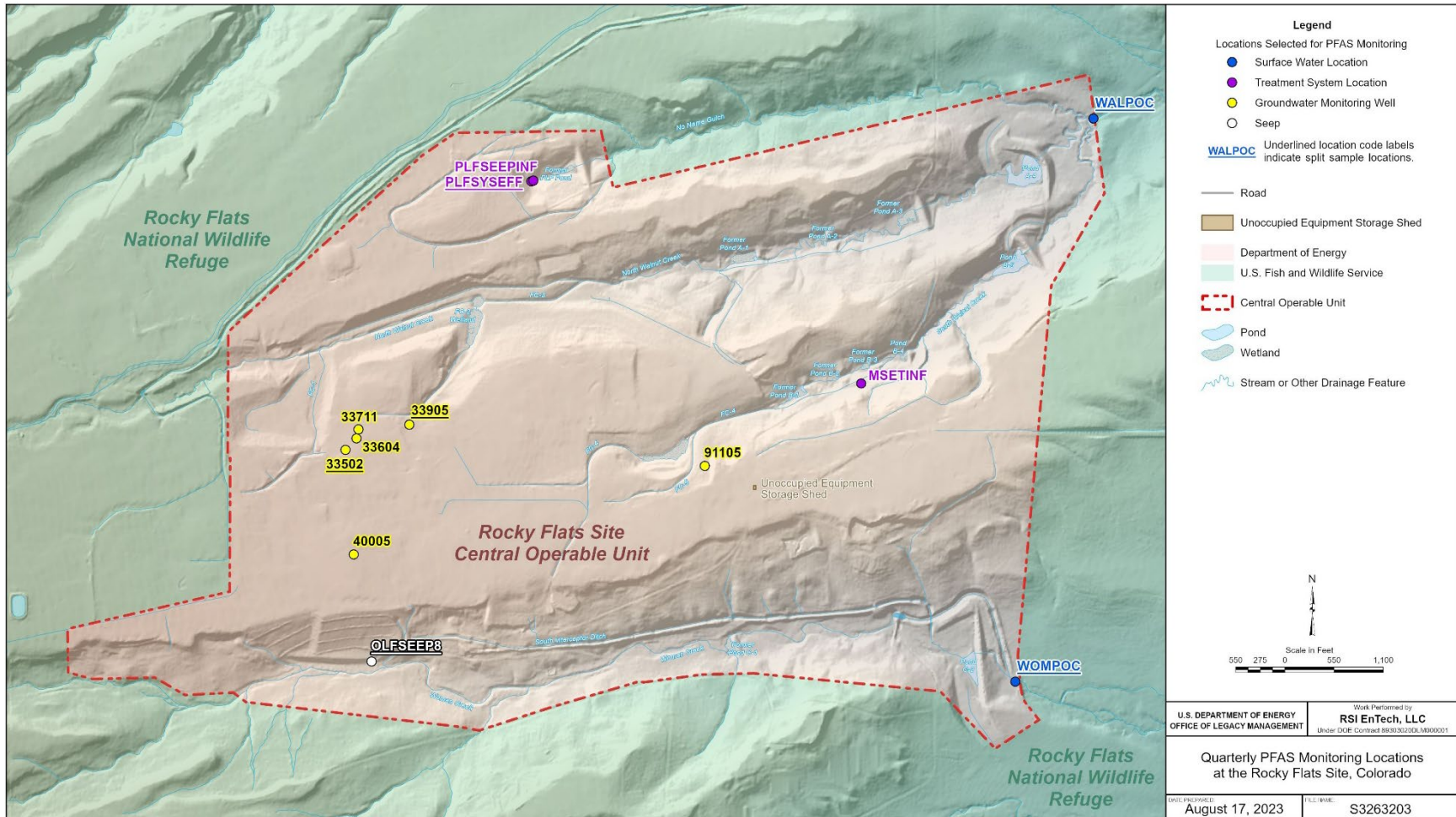
Based on the 2019 screening results, DOE developed a new SAP in 2021, the *Sampling and Analysis Plan for PFAS at the Rocky Flats Site, Colorado* (DOE 2021), that specifies additional sampling to further assess the presence of PFAS at the Site. The 2021 SAP describes the special clothing, sampling preparations, sampling staff preparations, and other special requirements that are specific to collecting samples for the analysis of PFAS. The 2021 SAP increases the number of sample locations from 8 to 12 (Figure 1). The additional monitoring locations are near the former fire department and the PLFTS—the two locations that presented the highest concentrations of PFOA + PFOS in 2019. The target analytes were increased to 28 PFAS, including PFOA, PFOS, and other PFAS listed in Colorado Water Quality Control Commission (WQCC) Policy 20-1 (WQCC 2020), hereafter called the Colorado WQCC Policy, as well as three PFAS that are not listed in that policy.¹ This sampling was to be conducted quarterly for a total of eight quarters (2 years, that is, through the second quarter of 2023), but continued beyond that duration.

The 2021 SAP was revised in the fourth quarter of calendar year (CY) 2023 to include Interim Directive (ID) ID-23-08, which reduced the number of sample locations from 12 to 6 and included the collection of split samples to allow a statistical comparison of results obtained through two different analytical methods. Split samples were first collected from the six selected locations in the second quarter of CY 2023 at DOE's initiative. In that and the following (third) quarter of CY 2023, the other six locations were still sampled, but those samples were analyzed only using the original analytical method. The number of PFAS sampling locations was

¹ One of the 28 PFAS is not analyzed by the laboratory. Therefore, a total of 27 PFAS are analyzed, including all those presented by Chemical Abstracts Service number in the Colorado WQCC Policy (WQCC 2020).

then reduced via the ID, and only the selected six locations identified in the ID (DOE 2023) were sampled in the fourth quarter of CY 2023 and first quarter of CY 2024 using the split sampling approach. This split sampling supports a statistical comparison of analytical data generated through the two analytical methods, modified EPA Method 537.1 and EPA Method 1633 (DOE 2023). The former method was used starting in 2019 and is a modification of a drinking water method that has not been formally approved for use with environmental matrices such as groundwater and surface water. The latter method was finalized and approved for use with environmental matrices in 2023.

Results of PFAS-focused monitoring are provided in quarterly reports; the report for the fourth quarter of each CY is combined with an annual report. The quarterly reports are brief data summaries, and the annual reports include additional information. Sampling as described in the 2021 SAP began in the third quarter of CY 2021; the first quarter of CY 2024 represents the 11th quarter of sampling. Refer to the 2023 annual PFAS report (DOE 2024) for additional information on PFAS sampling conducted at the Rocky Flats Site to date.



Note: Only locations indicated for split sampling (underlined) were monitored for this report.

Figure 1. Central Operable Unit with PFAS Sampling Locations

2.0 Monitoring Highlights: First Quarter CY 2024

All locations were successfully sampled during the first-quarter sampling event. Most locations were sampled in mid-January, but surface water location WOMPOC was dry until late January and WALPOC was dry until late March. Sampling events are summarized in Table 1.

Table 1. Sampling Events in First Quarter 2024

Location ID		Sample ID	Sample Date and Time	Analytical Method ^b	Sample Type
Actual	Dummy ^a				
33502	2399	RFS01-15.2312031-003	1/17/2024 10:09	M 537.1	FB
33502	2399	RFS01-18.2312004-003	1/17/2024 10:09	1633	FB
33502	2770	RFS01-15.2312031-004	1/17/2024 10:20	M 537.1	E
33502	2770	RFS01-18.2312004-004	1/17/2024 10:20	1633	E
33502	2398	RFS01-15.2312031-002	1/17/2024 11:05	M 537.1	D
33502		RFS01-15.2312031-007	1/17/2024 11:05	M 537.1	F
33502	2398	RFS01-18.2312004-002	1/17/2024 11:05	1633	D
33502		RFS01-18.2312004-006	1/17/2024 11:05	1633	F
33905		RFS01-15.2312031-010	1/17/2024 12:15	M 537.1	F
33905		RFS01-18.2312004-007	1/17/2024 12:15	1633	F
OLFSEEP8	2397	RFS01-15.2312031-001	1/17/2024 9:15	M 537.1	D
OLFSEEP8		RFS01-15.2312031-014	1/17/2024 9:15	M 537.1	F
OLFSEEP8	2397	RFS01-18.2312004-001	1/17/2024 9:15	1633	D
OLFSEEP8		RFS01-18.2312004-008	1/17/2024 9:15	1633	F
PLFSYSEFF		RFS01-15.2312031-016	1/17/2024 13:00	M 537.1	F
PLFSYSEFF		RFS01-18.2312004-010	1/17/2024 13:00	1633	F
WOMPOC		RFS01-15.2401032-018	1/31/2024 10:10	M 537.1	F
WOMPOC		RFS01-18.2401005-012	1/31/2024 10:10	1633	F
WALPOC		RFS01-15.2403033-017	3/27/2024 11:20	M 537.1	F
WALPOC		RFS01-18.2403006-011	3/27/2024 11:20	1633	F

Notes:

^a "Dummy" location codes are assigned to quality assurance/quality control samples (sample types D, E, FB) that are physically collected at the actual locations indicated. Refer to the *Sampling and Analysis Plan for PFAS at the Rocky Flats Site, Colorado* (DOE 2021) for additional information on sample types.

^b M 537.1 = modified Method 537.1; 1633 = Method 1633.

Abbreviations:

D = duplicate
 E = equipment rinse
 F = field
 FB = field blank

3.0 Analytical Data: First Quarter CY 2024

Analytical data for the first quarter of CY 2024 are provided in Table 2, and field parameter data are provided in Table 3. Both tables are attached at the end of this report.

4.0 References

DOE (U.S. Department of Energy), 2019. *Sampling Plan for PFOA/PFOS at the Rocky Flats Site, Colorado*, LMS/RFS/S22080, Office of Legacy Management, April.

DOE (U.S. Department of Energy), 2020. *Summary Report: Results of Assessment for PFOA/PFOS at the Rocky Flats Site, Colorado*, LMS/RFS/S29191, Office of Legacy Management, April.

DOE (U.S. Department of Energy), 2021. *Sampling and Analysis Plan for PFAS at the Rocky Flats Site, Colorado*, LMS/RFS/S33207, Office of Legacy Management, July.

DOE (U.S. Department of Energy), 2023. *Interim Directive ID-23-08 to Sampling and Analysis Plan for PFAS at the Rocky Flats Site, Colorado*, LMS/RFS/S33207, Office of Legacy Management, October 11, 2023.

DOE (U.S. Department of Energy), 2024. *Annual PFAS Monitoring Report, Rocky Flats Site, Colorado, Calendar Year 2023*, LMS/RFS/47262, Office of Legacy Management, April.

WQCC (Water Quality Control Commission), 2020. *Policy for Interpreting the Narrative Water Quality Standards for Per- and Polyfluoroalkyl Substances (PFAS)*, Policy 20-1, 5 CCR 1002-31 Section 31.11(1)(a)(iv) and 5 CCR 1002-41 Section 41.5(A)(1), Colorado Department of Public Health and Environment, approved July 14, expires July 31, 2025.

Table 2. Analytical Results for Water Samples

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	FB	0.35	U		0.35	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	27619-97-2	6:2 fluorotelomersulfonic acid	FB	0.37	U		0.37	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	39108-34-4	8:2 fluorotelomersulfonic acid	FB	0.6	U		0.60	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	FB	0.33	U		0.33	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	FB	0.44	U		0.44	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	13252-13-6	Perfluoro-2-propoxypropionic acid	FB	0.66	U		0.66	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	375-73-5	Perfluorobutanesulfonic acid (PFBS)	FB	0.33	U		0.33	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	375-22-4	Perfluorobutanoic acid (PFBA)	FB	0.23	U		0.23	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	335-77-3	Perfluorodecanesulfonic acid (PFDS)	FB	0.53	U		0.53	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	335-76-2	Perfluorodecanoic acid (PFDA)	FB	0.32	U		0.32	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	307-55-1	Perfluorododecanoic acid (PFDoA)	FB	0.4	U		0.40	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	FB	0.68	U		0.68	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	375-85-9	Perfluoroheptanoic acid (PFHpA)	FB	0.46	U		0.46	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	FB	0.37	U		0.37	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	307-24-4	Perfluorohexanoic acid (PFHxA)	FB	0.53	U		0.53	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	FB	0.5	U		0.50	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	FB	0.58	U		0.58	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	FB	0.64	U		0.64	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	375-95-1	Perfluorononanoic acid (PFNA)	FB	0.54	U		0.54	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	754-91-6	Perfluorooctane Sulfonamide (FOSA)	FB	0.5	U		0.50	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	FB	0.56	U		0.56	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	335-67-1	Perfluorooctanoic acid (PFOA)	FB	0.54	U		0.54	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	FB	0.49	U		0.49	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	2706-90-3	Perfluoropentanoic acid (PFPeA)	FB	0.23	U		0.23	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	376-06-7	Perfluorotetradecanoic acid (PFTeA)	FB	0.49	U		0.49	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	FB	0.66	U		0.66	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-15.2312031-003	2058-94-8	Perfluoroundecanoic acid (PFUnA)	FB	0.7	U		0.70	PFC_IDA_DOD5.3
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	FB	1.2	U		1.2	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	FB	5	U		5.0	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	812-70-4	3-Perfluoroheptyl propanoic acid	FB	5.4	U		5.4	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	356-02-5	3-Perfluoropropyl propanoic acid	FB	1.7	U		1.7	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	FB	0.42	U		0.42	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	FB	0.66	U		0.66	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	27619-97-2	6:2 fluorotelomersulfonic acid	FB	0.57	U		0.57	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	39108-34-4	8:2 fluorotelomersulfonic acid	FB	0.74	U		0.74	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	FB	1.1	U		1.1	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	4151-50-2	N-ethyl perfluorooctanesulfonamide	FB	0.19	U		0.19	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	FB	0.35	U		0.35	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	FB	1.1	U		1.1	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	31506-32-8	N-methyl perfluorooctanesulfonamide	FB	0.3	U		0.30	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	FB	0.41	U		0.41	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	FB	1	U		1.0	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	FB	0.37	U		0.37	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	FB	0.33	U		0.33	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	13252-13-6	Perfluoro-2-propoxypropionic acid	FB	0.46	U		0.46	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	377-73-1	Perfluoro-3-methoxypropanoic acid	FB	0.48	U		0.48	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	863090-89-5	Perfluoro-4-methoxybutanoic acid	FB	0.46	U		0.46	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	375-73-5	Perfluorobutanesulfonic acid (PFBS)	FB	0.16	U		0.16	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	375-22-4	Perfluorobutanoic acid (PFBA)	FB	0.57	U		0.57	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	335-77-3	Perfluorodecanesulfonic acid (PFDS)	FB	0.23	U		0.23	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	335-76-2	Perfluorodecanoic acid (PFDA)	FB	0.084	U		0.084	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	79780-39-5	Perfluorododecanesulfonic acid	FB	0.21	U		0.21	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	307-55-1	Perfluorododecanoic acid (PFDoA)	FB	0.35	U		0.35	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	FB	0.39	U		0.39	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	375-85-9	Perfluoroheptanoic acid (PFHpA)	FB	0.19	U		0.19	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	FB	0.23	U N		0.23	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	307-24-4	Perfluorohexanoic acid (PFHxA)	FB	0.11	U		0.11	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	FB	0.15	U		0.15	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	375-95-1	Perfluorononanoic acid (PFNA)	FB	0.18	U		0.18	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	754-91-6	Perfluorooctane Sulfonamide (FOSA)	FB	0.1	U		0.10	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	FB	0.31	U N		0.31	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	335-67-1	Perfluorooctanoic acid (PFOA)	FB	0.63	U		0.63	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	FB	0.15	U		0.15	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	2706-90-3	Perfluoropentanoic acid (PFPeA)	FB	0.37	U		0.37	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	376-06-7	Perfluorotetradecanoic acid (PFTeA)	FB	0.2	U		0.20	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	FB	0.16	U		0.16	EPA 1633
2399	QC	1/17/24 10:09	RFS01-18.2312004-003	2058-94-8	Perfluoroundecanoic acid (PFUnA)	FB	0.27	U		0.27	EPA 1633
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	E	0.32	U		0.32	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	27619-97-2	6:2 fluorotelomersulfonic acid	E	0.34	U		0.34	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	39108-34-4	8:2 fluorotelomersulfonic acid	E	0.55	U		0.55	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	E	0.3	U		0.30	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	E	0.41	U		0.41	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	13252-13-6	Perfluoro-2-propoxypropionic acid	E	0.61	U		0.61	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	375-73-5	Perfluorobutanesulfonic acid (PFBS)	E	0.3	U		0.30	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	375-22-4	Perfluorobutanoic acid (PFBA)	E	0.21	U		0.21	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	335-77-3	Perfluorodecanesulfonic acid (PFDS)	E	0.49	U		0.49	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	335-76-2	Perfluorodecanoic acid (PFDA)	E	0.29	U		0.29	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	307-55-1	Perfluorododecanoic acid (PFDoA)	E	0.37	U		0.37	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	E	0.63	U		0.63	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	375-85-9	Perfluoroheptanoic acid (PFHpA)	E	0.43	U		0.43	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	E	0.34	U		0.34	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	307-24-4	Perfluorohexanoic acid (PFHxA)	E	0.49	U		0.49	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	E	0.46	U		0.46	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	E	0.53	U		0.53	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	E	0.59	U		0.59	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	375-95-1	Perfluorononanoic acid (PFNA)	E	0.5	U		0.50	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	754-91-6	Perfluorooctane Sulfonamide (FOSA)	E	0.46	U		0.46	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	E	0.52	U		0.52	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	335-67-1	Perfluorooctanoic acid (PFOA)	E	0.5	U		0.50	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	E	0.45	U		0.45	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	2706-90-3	Perfluoropentanoic acid (PFPeA)	E	0.21	U		0.21	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	376-06-7	Perfluorotetradecanoic acid (PFTeA)	E	0.45	U		0.45	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	E	0.61	U		0.61	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-15.2312031-004	2058-94-8	Perfluoroundecanoic acid (PFUnA)	E	0.65	U		0.65	PFC_IDA_DOD5.3
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	E	1.1	U		1.1	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	E	4.8	U		4.8	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	812-70-4	3-Perfluoroheptyl propanoic acid	E	5.1	U		5.1	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	356-02-5	3-Perfluoropropyl propanoic acid	E	1.6	U		1.6	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	E	0.4	U		0.40	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	E	0.63	U		0.63	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	27619-97-2	6:2 fluorotelomersulfonic acid	E	0.54	U		0.54	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	39108-34-4	8:2 fluorotelomersulfonic acid	E	0.71	U		0.71	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	E	1	U		1.0	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	4151-50-2	N-ethyl perfluorooctanesulfonamide	E	0.18	U		0.18	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	E	0.33	U		0.33	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	E	1.1	U		1.1	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	31506-32-8	N-methyl perfluorooctanesulfonamide	E	0.28	U		0.28	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	E	0.39	U		0.39	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	E	0.98	U		0.98	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	E	0.35	U		0.35	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	E	0.31	U		0.31	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	13252-13-6	Perfluoro-2-propoxypropionic acid	E	0.43	U		0.43	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	377-73-1	Perfluoro-3-methoxypropanoic acid	E	0.46	U		0.46	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	863090-89-5	Perfluoro-4-methoxybutanoic acid	E	0.44	U		0.44	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	375-73-5	Perfluorobutanesulfonic acid (PFBS)	E	0.15	U		0.15	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	375-22-4	Perfluorobutanoic acid (PFBA)	E	0.54	U		0.54	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	335-77-3	Perfluorodecanesulfonic acid (PFDS)	E	0.22	U		0.22	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	335-76-2	Perfluorodecanoic acid (PFDA)	E	0.08	U		0.080	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	79780-39-5	Perfluorododecanesulfonic acid	E	0.2	U		0.20	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	307-55-1	Perfluorododecanoic acid (PFDoA)	E	0.33	U		0.33	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	E	0.37	U		0.37	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	375-85-9	Perfluoroheptanoic acid (PFHpA)	E	0.18	U		0.18	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	E	0.22	U N		0.22	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	307-24-4	Perfluorohexanoic acid (PFHxA)	E	0.11	U		0.11	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	E	0.14	U		0.14	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	375-95-1	Perfluorononanoic acid (PFNA)	E	0.17	U		0.17	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	754-91-6	Perfluorooctane Sulfonamide (FOSA)	E	0.097	U		0.097	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	E	0.3	U N		0.30	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	335-67-1	Perfluorooctanoic acid (PFOA)	E	0.6	U		0.60	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	E	0.14	U		0.14	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	2706-90-3	Perfluoropentanoic acid (PFPeA)	E	0.35	U		0.35	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	376-06-7	Perfluorotetradecanoic acid (PFTeA)	E	0.19	U		0.19	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	E	0.15	U		0.15	EPA 1633
2770	QC	1/17/24 10:20	RFS01-18.2312004-004	2058-94-8	Perfluoroundecanoic acid (PFUnA)	E	0.26	U		0.26	EPA 1633
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	0.33	U		0.33	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.34	U		0.34	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	27619-97-2	6:2 fluorotelomersulfonic acid	D	31		J	0.35	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	27619-97-2	6:2 fluorotelomersulfonic acid	F	36		J	0.36	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	39108-34-4	8:2 fluorotelomersulfonic acid	D	18		J	0.57	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	39108-34-4	8:2 fluorotelomersulfonic acid	F	17		J	0.58	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.31	U		0.31	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.32	U		0.32	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.42	U		0.42	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.43	U		0.43	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.63	U		0.63	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.65	U		0.65	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	9.1		J	0.31	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	10		J	0.32	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	375-22-4	Perfluorobutanoic acid (PFBA)	D	35		J	0.22	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	375-22-4	Perfluorobutanoic acid (PFBA)	F	38		J	0.22	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.51	U		0.51	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.51	U		0.51	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	335-76-2	Perfluorodecanoic acid (PFDA)	D	3.6			0.30	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	335-76-2	Perfluorodecanoic acid (PFDA)	F	3.5			0.31	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.39	U		0.39	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.39	U		0.39	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	4.2		J	0.65	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	3.8		J	0.66	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	75			0.44	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	68			0.45	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	140			0.35	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	120			0.36	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	307-24-4	Perfluorohexanoic acid (PFHxA)	D	95			0.51	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	307-24-4	Perfluorohexanoic acid (PFHxA)	F	91			0.51	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	0.48	U		0.48	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.49	U		0.49	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	0.55	U		0.55	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.56	U		0.56	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	0.61	U		0.61	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.62	U		0.62	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	375-95-1	Perfluorononanoic acid (PFNA)	D	10			0.52	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	375-95-1	Perfluorononanoic acid (PFNA)	F	10			0.52	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	754-91-6	Perfluorooctane Sulfonamide (FOSA)	D	0.48	U		0.48	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.49	U		0.49	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	230			0.53	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	240			0.54	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	335-67-1	Perfluorooctanoic acid (PFOA)	D	90			0.52	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	335-67-1	Perfluorooctanoic acid (PFOA)	F	95			0.52	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	D	16			0.47	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	16			0.48	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	170			0.22	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	160			0.22	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.47	U		0.47	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	0.63	U		0.63	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.65	U		0.65	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-002	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.67	U		0.67	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-15.2312031-007	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.68	U		0.68	PFC_IDA_DOD5.3
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	D	1.1	U		1.1	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	F	1.1	U		1.1	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	D	4.8	U		4.8	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	F	4.8	U		4.8	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	812-70-4	3-Perfluoroheptyl propanoic acid	D	5.2	U		5.2	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	812-70-4	3-Perfluoroheptyl propanoic acid	F	5.2	U		5.2	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	356-02-5	3-Perfluoropropyl propanoic acid	D	1.7	U		1.7	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	356-02-5	3-Perfluoropropyl propanoic acid	F	1.7	U		1.7	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	D	0.41	U		0.41	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	F	0.41	U		0.41	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	0.64	U		0.64	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.64	U		0.64	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	27619-97-2	6:2 fluorotelomersulfonic acid	D	50			0.55	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	27619-97-2	6:2 fluorotelomersulfonic acid	F	46		J	0.55	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	39108-34-4	8:2 fluorotelomersulfonic acid	D	17		J	0.72	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	39108-34-4	8:2 fluorotelomersulfonic acid	F	17		J	0.72	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	D	1	U		1.0	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	F	1	U		1.0	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	4151-50-2	N-ethyl perfluorooctanesulfonamide	D	0.18	U		0.18	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	4151-50-2	N-ethyl perfluorooctanesulfonamide	F	0.18	U		0.18	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.34	U	J	0.34	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.34	U		0.34	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	D	1.1	U		1.1	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	F	1.1	U		1.1	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	31506-32-8	N-methyl perfluorooctanesulfonamide	D	0.29	U		0.29	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	31506-32-8	N-methyl perfluorooctanesulfonamide	F	0.29	U		0.29	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.39	U		0.39	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.39	U		0.39	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	D	1	U		1.0	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	F	1	U		1.0	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	151772-58-6	Nonafluoro-3,6-dioxahheptanoic acid	D	0.36	U		0.36	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	151772-58-6	Nonafluoro-3,6-dioxahheptanoic acid	F	0.36	U		0.36	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	D	0.31	U		0.31	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	F	0.31	U		0.31	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.44	U		0.44	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.44	U		0.44	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	377-73-1	Perfluoro-3-methoxypropanoic acid	D	0.47	U		0.47	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	377-73-1	Perfluoro-3-methoxypropanoic acid	F	0.47	U		0.47	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	863090-89-5	Perfluoro-4-methoxybutanoic acid	D	0.45	U		0.45	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	863090-89-5	Perfluoro-4-methoxybutanoic acid	F	0.45	U		0.45	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	8.9		J	0.16	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	12		J	0.16	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	375-22-4	Perfluorobutanoic acid (PFBA)	D	84			0.55	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	375-22-4	Perfluorobutanoic acid (PFBA)	F	92			0.55	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.23	U		0.23	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.23	U		0.23	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	335-76-2	Perfluorodecanoic acid (PFDA)	D	7.3		J	0.082	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	335-76-2	Perfluorodecanoic acid (PFDA)	F	6.2		J	0.082	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	79780-39-5	Perfluorododecanesulfonic acid	D	0.21	U		0.21	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	79780-39-5	Perfluorododecanesulfonic acid	F	0.21	U		0.21	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.34	U		0.34	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.34	U		0.34	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	6.7		J	0.37	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	2.7		J	0.37	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	100			0.19	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	94			0.19	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	150			0.24	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	150			0.23	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	307-24-4	Perfluorohexanoic acid (PFHxA)	D	110			0.11	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	307-24-4	Perfluorohexanoic acid (PFHxA)	F	100			0.11	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	0.14	U		0.14	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.14	U		0.14	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	375-95-1	Perfluorononanoic acid (PFNA)	D	11			0.17	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	375-95-1	Perfluorononanoic acid (PFNA)	F	13			0.17	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	754-91-6	Perfluorooctane Sulfonamide (FOSA)	D	0.41	J	J	0.099	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.42	J		0.099	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	320			0.32	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	270			0.30	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	335-67-1	Perfluorooctanoic acid (PFOA)	D	140			0.61	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	335-67-1	Perfluorooctanoic acid (PFOA)	F	130			0.61	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	D	22		J	0.14	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	11		J	0.14	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	180			0.36	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	170			0.35	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.2	U		0.20	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.2	U		0.20	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	0.15	U		0.15	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.15	U		0.15	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-002	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.26	U		0.26	EPA 1633
33502	WL	1/17/24 11:05	RFS01-18.2312004-006	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.26	U		0.26	EPA 1633
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.36	U		0.36	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.51	J		0.38	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.62	U		0.62	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.34	U		0.34	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.46	U		0.46	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.69	U		0.69	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	26			0.34	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	375-22-4	Perfluorobutanoic acid (PFBA)	F	21			0.24	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.55	U		0.55	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.33	U		0.33	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.42	U		0.42	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	4.2			0.71	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	29			0.48	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	210			0.38	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	307-24-4	Perfluorohexanoic acid (PFHxA)	F	66			0.55	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.52	U		0.52	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.6	U		0.60	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.66	U		0.66	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	375-95-1	Perfluorononanoic acid (PFNA)	F	1.5	J		0.56	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.52	U		0.52	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	150			0.58	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	335-67-1	Perfluorooctanoic acid (PFOA)	F	25			0.56	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	35			0.51	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	67			0.24	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.69	U		0.69	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-15.2312031-010	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.73	U		0.73	PFC_IDA_DOD5.3
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	F	1.4	U		1.4	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	F	5.7	U		5.7	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	812-70-4	3-Perfluoroheptyl propanoic acid	F	6.2	U		6.2	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	356-02-5	3-Perfluoropropyl propanoic acid	F	2	U		2.0	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	F	0.48	U		0.48	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.76	U		0.76	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.65	U		0.65	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.85	U		0.85	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	F	1.2	U		1.2	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	4151-50-2	N-ethyl perfluorooctanesulfonamide	F	0.22	U		0.22	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.4	U		0.40	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	F	1.3	U		1.3	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	31506-32-8	N-methyl perfluorooctanesulfonamide	F	0.34	U		0.34	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.47	U		0.47	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	F	1.2	U		1.2	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	F	0.42	U		0.42	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	F	0.37	U		0.37	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.52	U		0.52	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	377-73-1	Perfluoro-3-methoxypropanoic acid	F	0.55	U		0.55	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	863090-89-5	Perfluoro-4-methoxybutanoic acid	F	0.53	U		0.53	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	26			0.18	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	375-22-4	Perfluorobutanoic acid (PFBA)	F	29			0.65	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.27	U		0.27	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.097	U		0.097	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	79780-39-5	Perfluorododecanesulfonic acid	F	0.24	U		0.24	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.4	U		0.40	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	4.9			0.44	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	38			0.22	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	240	N	J	0.27	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	307-24-4	Perfluorohexanoic acid (PFHxA)	F	69			0.13	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.17	U		0.17	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	375-95-1	Perfluorononanoic acid (PFNA)	F	1.8			0.20	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.12	U		0.12	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	160	N	J	0.36	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	335-67-1	Perfluorooctanoic acid (PFOA)	F	29			0.72	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	32			0.17	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	81			0.42	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.23	U		0.23	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.18	U		0.18	EPA 1633
33905	WL	1/17/24 12:15	RFS01-18.2312004-007	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.31	U		0.31	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	0.33	U		0.33	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	27619-97-2	6:2 fluorotelomersulfonic acid	D	0.35	U		0.35	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.35	U		0.35	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	39108-34-4	8:2 fluorotelomersulfonic acid	D	0.57	U		0.57	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.57	U		0.57	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.31	U		0.31	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.42	U		0.42	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.43	U		0.43	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.63	U		0.63	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.64	U		0.64	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	6.4			0.31	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	6.5			0.31	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	375-22-4	Perfluorobutanoic acid (PFBA)	D	23			0.22	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	375-22-4	Perfluorobutanoic acid (PFBA)	F	23			0.22	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.5	U		0.50	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.51	U		0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.3	U		0.30	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.31	U		0.31	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.38	U		0.38	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.39	U		0.39	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	0.65	U		0.65	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.66	U		0.66	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	4.2			0.44	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	3.9			0.44	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	12			0.35	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	11			0.35	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	307-24-4	Perfluorohexanoic acid (PFHxA)	D	9.2			0.50	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	307-24-4	Perfluorohexanoic acid (PFHxA)	F	8.7			0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	0.47	U		0.47	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	0.55	U		0.55	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.56	U		0.56	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	0.6	U		0.60	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.61	U		0.61	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	375-95-1	Perfluorononanoic acid (PFNA)	D	0.51	U		0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	375-95-1	Perfluorononanoic acid (PFNA)	F	0.52	U		0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	754-91-6	Perfluorooctane Sulfonamide (FOSA)	D	0.47	U		0.47	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	2.8		J	0.53	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	2.4		J	0.54	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	335-67-1	Perfluorooctanoic acid (PFOA)	D	11			0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	335-67-1	Perfluorooctanoic acid (PFOA)	F	10			0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	D	4.9			0.46	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	5.1			0.47	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	13			0.22	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	13			0.22	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.46	U		0.46	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	0.63	U		0.63	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.64	U		0.64	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-001	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.67	U		0.67	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-15.2312031-014	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.68	U		0.68	PFC_IDA_DOD5.3
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	D	1.1	U		1.1	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	F	1.2	U		1.2	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	D	4.5	U		4.5	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	F	5.1	U		5.1	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	812-70-4	3-Perfluoroheptyl propanoic acid	D	4.9	U		4.9	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	812-70-4	3-Perfluoroheptyl propanoic acid	F	5.5	U		5.5	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	356-02-5	3-Perfluoropropyl propanoic acid	D	1.6	U		1.6	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	356-02-5	3-Perfluoropropyl propanoic acid	F	1.8	U		1.8	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	D	0.38	U		0.38	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	F	0.43	U		0.43	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	0.6	U		0.60	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.68	U		0.68	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	27619-97-2	6:2 fluorotelomersulfonic acid	D	0.52	U		0.52	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.59	U		0.59	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	39108-34-4	8:2 fluorotelomersulfonic acid	D	0.68	U		0.68	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.77	U		0.77	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	D	0.96	U		0.96	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	F	1.1	U		1.1	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	4151-50-2	N-ethyl perfluorooctanesulfonamide	D	0.17	U		0.17	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	4151-50-2	N-ethyl perfluorooctanesulfonamide	F	0.2	U		0.20	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.31	U		0.31	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.36	U		0.36	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	D	1	U		1.0	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	F	1.2	U		1.2	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	31506-32-8	N-methyl perfluorooctanesulfonamide	D	0.27	U		0.27	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	31506-32-8	N-methyl perfluorooctanesulfonamide	F	0.31	U		0.31	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.37	U		0.37	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.42	U		0.42	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	D	0.93	U		0.93	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	F	1.1	U		1.1	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	D	0.33	U		0.33	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	F	0.38	U		0.38	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	D	0.29	U		0.29	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	F	0.34	U		0.34	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.41	U		0.41	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.47	U		0.47	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	377-73-1	Perfluoro-3-methoxypropanoic acid	D	0.44	U		0.44	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	377-73-1	Perfluoro-3-methoxypropanoic acid	F	0.5	U		0.50	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	863090-89-5	Perfluoro-4-methoxybutanoic acid	D	0.42	U		0.42	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	863090-89-5	Perfluoro-4-methoxybutanoic acid	F	0.48	U		0.48	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	7.1			0.15	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	6.1			0.17	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	375-22-4	Perfluorobutanoic acid (PFBA)	D	36			0.52	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	375-22-4	Perfluorobutanoic acid (PFBA)	F	29			0.59	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.21	U		0.21	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.24	U		0.24	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.077	U		0.077	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.087	U		0.087	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	79780-39-5	Perfluorododecanesulfonic acid	D	0.19	U		0.19	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	79780-39-5	Perfluorododecanesulfonic acid	F	0.22	U		0.22	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.32	U		0.32	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.36	U		0.36	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	0.35	U		0.35	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.4	U		0.40	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	5.7			0.18	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	4.9			0.20	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	13			0.22	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	12			1.2	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	307-24-4	Perfluorohexanoic acid (PFHxA)	D	8.6			0.10	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	307-24-4	Perfluorohexanoic acid (PFHxA)	F	8.9			0.12	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	0.13	U		0.13	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.15	U		0.15	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	375-95-1	Perfluorononanoic acid (PFNA)	D	0.16	U		0.16	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	375-95-1	Perfluorononanoic acid (PFNA)	F	0.18	U		0.18	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	754-91-6	Perfluorooctane Sulfonamide (FOSA)	D	0.39	J		0.092	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.11	U		0.11	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	1.6		J	0.30	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	1.6	U		1.6	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	335-67-1	Perfluorooctanoic acid (PFOA)	D	12			0.57	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	335-67-1	Perfluorooctanoic acid (PFOA)	F	10			0.65	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	D	5.3			0.14	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	4.2			0.15	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	16			0.33	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	13			0.38	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.18	U		0.18	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.21	U		0.21	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	0.14	U		0.14	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.16	U		0.16	EPA 1633
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-001	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.24	U		0.24	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
OLFSEEP8	SL	1/17/24 9:15	RFS01-18.2312004-008	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.28	U		0.28	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.34	U		0.34	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	27619-97-2	6:2 fluorotelomersulfonic acid	F	1.3	J		0.36	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	39108-34-4	8:2 fluorotelomersulfonic acid	F	1.5	J		0.58	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	21			0.32	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	1.2	J		0.43	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.65	U		0.65	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	0.32	U		0.32	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	375-22-4	Perfluorobutanoic acid (PFBA)	F	39		J	0.22	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.56	J	J	0.51	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.31	U		0.31	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.39	U		0.39	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.66	U		0.66	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	9			0.45	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	7.7			0.36	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	307-24-4	Perfluorohexanoic acid (PFHxA)	F	27			0.51	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.49	U	J	0.49	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.56	U		0.56	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.62	U		0.62	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	375-95-1	Perfluorononanoic acid (PFNA)	F	0.77	J	J	0.52	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.49	U		0.49	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	18			0.54	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	335-67-1	Perfluorooctanoic acid (PFOA)	F	48			0.52	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	1.5	J	J	0.48	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	16			0.22	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.65	U		0.65	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-15.2312031-016	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.68	U		0.68	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	F	1.3	U		1.3	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	F	24	J		5.3	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	812-70-4	3-Perfluoroheptyl propanoic acid	F	5.7	U	J	5.7	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	356-02-5	3-Perfluoropropyl propanoic acid	F	3.7	J		1.8	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	F	0.44	U		0.44	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.7	U	J	0.70	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	27619-97-2	6:2 fluorotelomersulfonic acid	F	1.7	J	J	0.60	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	39108-34-4	8:2 fluorotelomersulfonic acid	F	1.4	J	J	0.79	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	F	1.1	U		1.1	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	4151-50-2	N-ethyl perfluorooctanesulfonamide	F	0.2	U		0.20	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	28			0.37	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	F	1.2	U		1.2	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	31506-32-8	N-methyl perfluorooctanesulfonamide	F	0.32	U		0.32	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	1.6			0.43	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	F	1.1	U		1.1	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	151772-58-6	Nonafluoro-3,6-dioxahexanoic acid	F	0.39	U		0.39	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	F	0.34	U		0.34	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.48	U		0.48	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	377-73-1	Perfluoro-3-methoxypropanoic acid	F	0.51	U		0.51	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	863090-89-5	Perfluoro-4-methoxybutanoic acid	F	0.49	U		0.49	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	1.1	J		0.17	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	375-22-4	Perfluorobutanoic acid (PFBA)	F	62			0.60	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.98	J		0.25	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.87	J		0.089	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	79780-39-5	Perfluorododecanesulfonic acid	F	0.23	U		0.23	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.37	U		0.37	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.41	U		0.41	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	12			0.20	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	7.9	N	J	0.25	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	307-24-4	Perfluorohexanoic acid (PFHxA)	F	25		J	0.12	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.16	U		0.16	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	375-95-1	Perfluorononanoic acid (PFNA)	F	0.83	J		0.19	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.66	J		0.11	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	19	N	J	0.33	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	335-67-1	Perfluorooctanoic acid (PFOA)	F	69			0.67	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	1.2	J	J	0.16	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	18			0.39	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.21	U		0.21	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.17	U		0.17	EPA 1633
PLFSYSEFF	TS	1/17/24 13:00	RFS01-18.2312004-010	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.29	U		0.29	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.32	U		0.32	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.33	U		0.33	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.54	U		0.54	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.3	U		0.30	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.4	U		0.40	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.61	U		0.61	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	0.62	J		0.30	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	375-22-4	Perfluorobutanoic acid (PFBA)	F	0.96	J		0.21	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.48	U		0.48	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.29	U		0.29	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.37	U		0.37	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.62	U		0.62	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.42	J	J	0.42	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	307-24-4	Perfluorohexanoic acid (PFHxA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.46	U		0.46	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.56	U H N *	J	0.56	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.58	U		0.58	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	375-95-1	Perfluorononanoic acid (PFNA)	F	0.49	U		0.49	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.46	U		0.46	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	0.51	U		0.51	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	335-67-1	Perfluorooctanoic acid (PFOA)	F	0.57	J	J	0.49	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.45	U		0.45	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	0.35	J	J	0.21	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.45	U		0.45	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.61	U		0.61	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-15.2401032-018	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.64	U		0.64	PFC_IDA_DOD5.3
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	F	1.1	U		1.1	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	F	4.5	U		4.5	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	812-70-4	3-Perfluoroheptyl propanoic acid	F	4.8	U		4.8	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	356-02-5	3-Perfluoropropyl propanoic acid	F	1.5	U		1.5	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	F	0.37	U		0.37	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.59	U		0.59	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.51	U		0.51	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.66	U		0.66	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	F	0.94	U		0.94	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	4151-50-2	N-ethyl perfluorooctanesulfonamide	F	0.17	U		0.17	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	F	1	U		1.0	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	31506-32-8	N-methyl perfluorooctanesulfonamide	F	0.27	U		0.27	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.36	U		0.36	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	F	0.92	U		0.92	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	151772-58-6	Nonafluoro-3,6-dioxahheptanoic acid	F	0.33	U		0.33	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	F	0.29	U		0.29	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.41	U		0.41	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	377-73-1	Perfluoro-3-methoxypropanoic acid	F	0.43	U		0.43	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	863090-89-5	Perfluoro-4-methoxybutanoic acid	F	0.41	U		0.41	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	0.56	J		0.14	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	375-22-4	Perfluorobutanoic acid (PFBA)	F	1.1	J		0.51	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.21	U		0.21	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.075	U		0.075	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	79780-39-5	Perfluorododecanesulfonic acid	F	0.19	U		0.19	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.31	U		0.31	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.34	U		0.34	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.17	U		0.17	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	0.36	J		0.21	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	307-24-4	Perfluorohexanoic acid (PFHxA)	F	0.21	J		0.10	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.13	U		0.13	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	375-95-1	Perfluorononanoic acid (PFNA)	F	0.16	U		0.16	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.091	U		0.091	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	0.28	U		0.28	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	335-67-1	Perfluorooctanoic acid (PFOA)	F	0.56	U		0.56	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.13	U		0.13	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	0.33	U		0.33	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.18	U		0.18	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.14	U		0.14	EPA 1633
WOMPOC	SL	1/31/24 10:10	RFS01-18.2401005-012	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.24	U		0.24	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.35	U		0.35	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.58	U		0.58	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.78	J		0.32	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.43	U		0.43	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.64	U		0.64	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	3.2		J	0.32	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	375-22-4	Perfluorobutanoic acid (PFBA)	F	31			0.22	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.51	U		0.51	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.31	U		0.31	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.39	U		0.39	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.66	U		0.66	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	3.1			0.45	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	5.3			0.35	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	307-24-4	Perfluorohexanoic acid (PFHxA)	F	5.2			0.51	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.48	U	J	0.48	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.56	U		0.56	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.61	U		0.61	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	375-95-1	Perfluorononanoic acid (PFNA)	F	0.52	U		0.52	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	10		J	0.54	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	335-67-1	Perfluorooctanoic acid (PFOA)	F	6.9			0.52	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.99	J	J	0.47	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	5.4		J	0.22	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.47	U	J	0.47	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.64	U		0.64	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-15.2403033-017	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.68	U		0.68	PFC_IDA_DOD5.3
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	763051-92-9	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	F	1.1	U		1.1	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	F	4.8	U		4.8	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	812-70-4	3-Perfluoroheptyl propanoic acid	F	5.2	U		5.2	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	356-02-5	3-Perfluoropropyl propanoic acid	F	1.6	U		1.6	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	F	0.4	U		0.40	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.63	U		0.63	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.54	U		0.54	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.71	U		0.71	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	F	1	U	J	1.0	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	4151-50-2	N-ethyl perfluorooctanesulfonamide	F	0.18	U		0.18	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.43	J	J	0.33	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol	F	1.1	U		1.1	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	31506-32-8	N-methyl perfluorooctanesulfonamide	F	0.29	U		0.29	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.39	U		0.39	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol	F	0.99	U		0.99	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	F	0.35	U		0.35	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	F	0.31	U		0.31	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.44	U		0.44	EPA 1633

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	377-73-1	Perfluoro-3-methoxypropanoic acid	F	0.46	U		0.46	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	863090-89-5	Perfluoro-4-methoxybutanoic acid	F	0.45	U		0.45	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	3.8			0.15	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	375-22-4	Perfluorobutanoic acid (PFBA)	F	30			0.55	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.23	U		0.23	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.081	U		0.081	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	79780-39-5	Perfluorododecanesulfonic acid	F	0.2	U		0.20	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.33	U		0.33	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.37	U		0.37	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	3.3			0.19	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	5.3			0.22	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	307-24-4	Perfluorohexanoic acid (PFHxA)	F	5.7			0.11	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.14	U		0.14	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	375-95-1	Perfluorononanoic acid (PFNA)	F	0.38	J		0.17	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.48	J		0.098	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	9.7		J	0.30	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	335-67-1	Perfluorooctanoic acid (PFOA)	F	6.1			0.60	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.59	J		0.14	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	8			0.35	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.19	U		0.19	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.15	U		0.15	EPA 1633
WALPOC	SL	3/27/24 11:20	RFS01-18.2403006-011	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.26	U		0.26	EPA 1633

Notes:

All samples were analyzed by TestAmerica Laboratories, Inc.
All samples were unfiltered.

Abbreviations:

CAS No. = Chemical Abstracts Service registry number
D = duplicate
E = equipment rinse
F = field
FB = field blank
J = estimated
QC = quality control (dummy location code)
SL = surface location
TS = treatment system location
U = analytical result below detection limit
U N = low level lab control sample recovered outside control limits, but recovered within limits in other lab control sample; nondetect result is acceptable
WL = well

Table 3. Field Parameter Results for Water Samples

Location Code	Date Sampled	Parameter	Result	Unit
33502	1/17/2024	Turbidity	5.11	NTU
33502	1/17/2024	Specific conductance	1899	umhos/cm
33502	1/17/2024	pH	7.04	s.u.
33502	1/17/2024	Temperature	11.71	C
33502	1/17/2024	Alkalinity, total (as CaCO ₃)	607	mg/L as CaCO ₃
33905	1/17/2024	Turbidity	50.6	NTU
33905	1/17/2024	Specific conductance	901	umhos/cm
33905	1/17/2024	pH	6.79	s.u.
33905	1/17/2024	Temperature	12.96	C
33905	1/17/2024	Alkalinity, total (as CaCO ₃)	162	mg/L as CaCO ₃
OLFSEEP8	1/17/2024	Turbidity	201	NTU
OLFSEEP8	1/17/2024	Specific conductance	1355	umhos/cm
OLFSEEP8	1/17/2024	pH	6.3	s.u.
OLFSEEP8	1/17/2024	Temperature	2.84	C
OLFSEEP8	1/17/2024	Alkalinity, total (as CaCO ₃)	386	mg/L as CaCO ₃
PLFSYSEFF	1/17/2024	pH	6.95	s.u.
PLFSYSEFF	1/17/2024	Temperature	11.613	C
PLFSYSEFF	1/17/2024	Turbidity	141	NTU
PLFSYSEFF	1/17/2024	Specific conductance	1204	umhos/cm
PLFSYSEFF	1/17/2024	Alkalinity, total (as CaCO ₃)	646	mg/L as CaCO ₃
WOMPOC	1/31/2024	Turbidity	1.54	NTU
WOMPOC	1/31/2024	Specific conductance	591	umhos/cm
WOMPOC	1/31/2024	pH	6.58	s.u.
WOMPOC	1/31/2024	Temperature	7.84	C
WOMPOC	1/31/2024	Alkalinity, total (as CaCO ₃)	150	mg/L as CaCO ₃
WALPOC	3/27/2024	Turbidity	4.85	NTU
WALPOC	3/27/2024	Specific conductance	1066	umhos/cm
WALPOC	3/27/2024	pH	6.6	s.u.
WALPOC	3/27/2024	Temperature	10.34	C
WALPOC	3/27/2024	Alkalinity, total (as CaCO ₃)	146	mg/L as CaCO ₃

Abbreviations:

C = Celsius
 CaCO₃ = calcium carbonate
 mg/L = milligrams per liter
 umho/cm = micromhos per centimeter
 NTU = nephelometric turbidity units
 s.u. = standard unit