

# PFAS Monitoring Report Rocky Flats Site, Colorado First Quarter, 2022

July 2022



U.S. DEPARTMENT OF  
**ENERGY**

Legacy  
Management

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## Abbreviations

AFFF	aqueous film-forming foam
CAS	Chemical Abstracts Service
CY	calendar year
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
ng/L	nanograms per liter
PFAS	per- and polyfluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonate
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 manmade 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- 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 (widely referred to by its abbreviation, 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. In 2019, eight locations were sampled to screen groundwater and surface water for the presence of two PFAS that have received the greatest scrutiny, perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS). These compounds were detected in samples collected from the Site (DOE 2020). Two of the locations produced samples with concentrations exceeding EPA's 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, *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 number of sample locations was increased from 8 to 12 (Figure 1). The additional monitoring locations are near the former fire department and the PLFTS—the two areas that presented the highest concentrations of PFOA + PFOS in 2019. The target analytes were increased to 28 PFAS, including PFOA, PFOS, and the other 23 PFAS listed with their corresponding Chemical Abstracts Service (CAS) numbers in Colorado Water Quality Control Commission (WQCC) Policy 20-1 (WQCC 2020), hereafter called the Colorado WQCC Policy, plus three additional PFAS.<sup>1</sup> Sampling will be conducted quarterly for a total of eight quarters (2 years). Results will be provided in quarterly reports; the report for the fourth quarter of each calendar year (CY) will be combined with an annual report. The quarterly reports are brief data summaries, and the annual reports include additional information. Sampling as described in this SAP began in the third quarter of CY 2021.

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<sup>1</sup> One of these three PFAS is not analyzed by the laboratory. Therefore, a total of 27 PFAS are analyzed, including all those identified by CAS number in WQCC Policy 20-1.

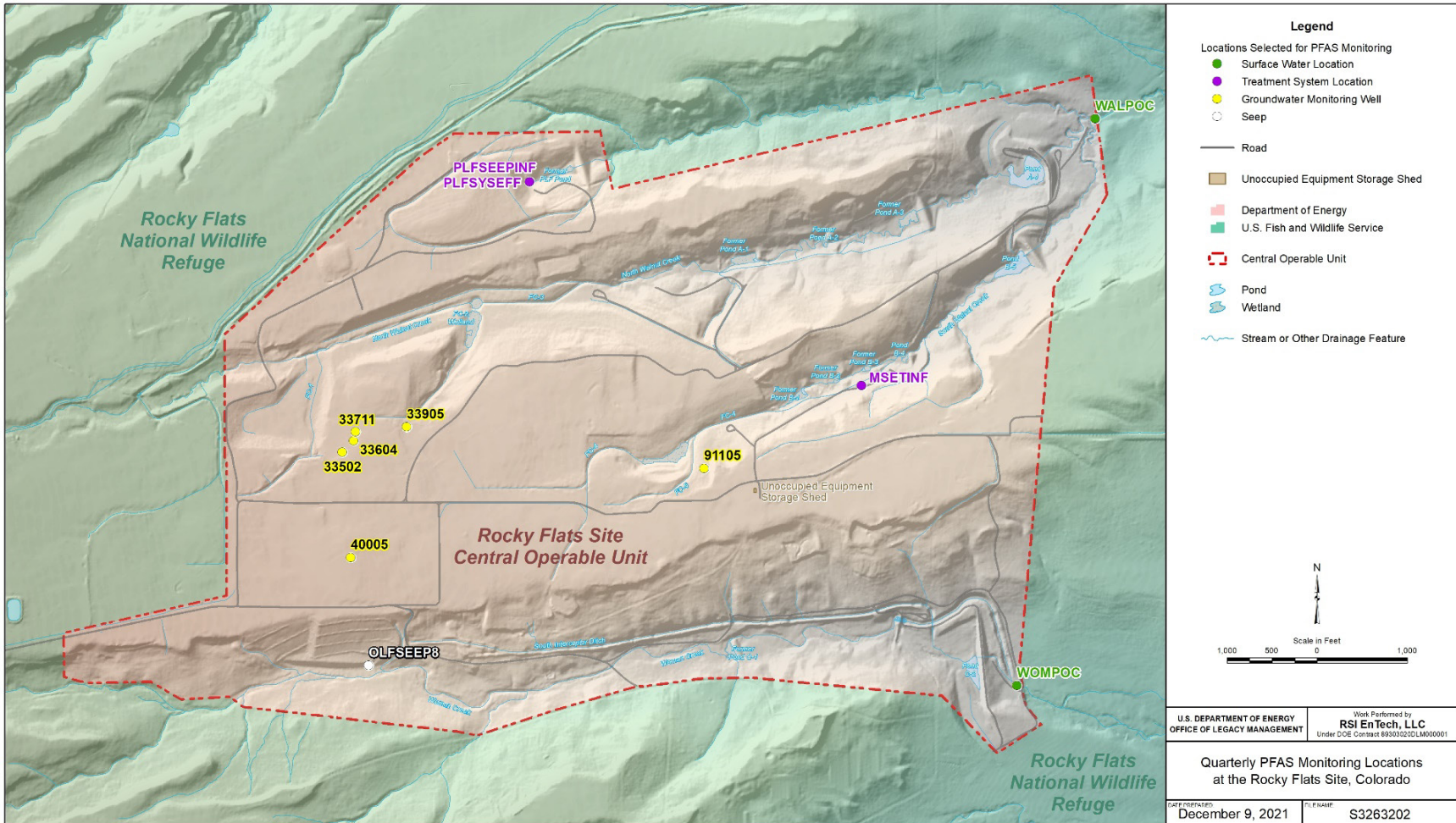


Figure 1. Central Operable Unit with PFAS Sampling Locations

## 2.0 Monitoring Highlights: First Quarter CY 2022

The monitoring location WALPOC was dry. All other locations were successfully sampled. Sampling events are summarized in Table 1.

Table 1. Sampling Events in First Quarter 2022

Location ID	Sample ID	Sample Date and Time	Sample Type
2775	RFS01-15.2201010-015	1/24/2022 10:42	E
2785	RFS01-15.2201010-004	1/24/2022 10:42	FB
33502	RFS01-15.2201010-007	1/24/2022 11:45	F
33604	RFS01-15.2201010-016	1/24/2022 12:30	F
33711	RFS01-15.2201010-017	1/24/2022 13:05	F
33905	RFS01-15.2201010-001	1/24/2022 13:40	D
33905	RFS01-15.2201010-018	1/24/2022 13:40	F
40005	RFS01-15.2201010-008	1/24/2022 15:15	F
91105	RFS01-15.2201010-009	1/24/2022 11:02	F
MSETINF	RFS01-15.2201010-010	1/24/2022 09:52	F
OLFSEEP8	RFS01-15.2202011-001	2/1/2022 10:00	F
OLFSEEP8	RFS01-15.2202011-011	2/1/2022 10:00	D
PLFSEEPINF	RFS01-15.2201010-012	1/24/2022 15:45	F
PLFSYSEFF	RFS01-15.2201010-002	1/24/2022 15:41	D
PLFSYSEFF	RFS01-15.2201010-019	1/24/2022 15:41	F
WOMPOC	RFS01-15.2201010-003	1/24/2022 09:02	D
WOMPOC	RFS01-15.2201010-014	1/24/2022 09:02	F

**Notes:**

Refer to the SAP (DOE 2021) for additional information on sample types. Location IDs for E and FB sample types are dummy location codes.

**Abbreviations:**

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

## 3.0 Analytical Data: First Quarter CY 2022

Analytical data for the first quarter of CY 2022 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.

WQCC (Water Quality Control Commission), 2020. Policy 20-1: *Policy for Interpreting the Narrative Water Quality Standards for Per- and Polyfluoroalkyl Substances (PFAS)*, 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.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
2775	QC	1/24/2022	RFS01-15.2201010-015	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	E	0.32	U		0.32	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	27619-97-2	6:2 fluorotelomersulfonic acid	E	0.34	U		0.34	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	39108-34-4	8:2 fluorotelomersulfonic acid	E	0.56	U		0.56	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	E	0.3	U		0.30	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	E	0.41	U		0.41	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	13252-13-6	Perfluoro-2-propoxypropionic acid	E	0.62	U		0.62	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	375-73-5	Perfluorobutanesulfonic acid (PFBS)	E	0.3	U		0.30	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	375-22-4	Perfluorobutanoic acid (PFBA)	E	0.21	U		0.21	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	335-77-3	Perfluorodecanesulfonic acid (PFDS)	E	0.49	U		0.49	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	335-76-2	Perfluorodecanoic acid (PFDA)	E	0.3	U		0.30	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	307-55-1	Perfluorododecanoic acid (PFDoA)	E	0.38	U		0.38	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	E	0.64	U		0.64	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	375-85-9	Perfluoroheptanoic acid (PFHpA)	E	0.43	U		0.43	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	E	0.34	U		0.34	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	307-24-4	Perfluorohexanoic acid (PFHxA)	E	0.49	U		0.49	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	E	0.47	U		0.47	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	E	0.54	U		0.54	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	E	0.59	U		0.59	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	375-95-1	Perfluorononanoic acid (PFNA)	E	0.5	U		0.50	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	754-91-6	Perfluorooctane Sulfonamide (FOSA)	E	0.47	U		0.47	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	E	0.52	U		0.52	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	335-67-1	Perfluorooctanoic acid (PFOA)	E	0.5	U		0.50	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	E	0.46	U		0.46	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	2706-90-3	Perfluoropentanoic acid (PFPeA)	E	0.21	U		0.21	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	376-06-7	Perfluorotetradecanoic acid (PFTeA)	E	0.46	U		0.46	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	E	0.62	U		0.62	PFC_IDA_DOD5.3
2775	QC	1/24/2022	RFS01-15.2201010-015	2058-94-8	Perfluoroundecanoic acid (PFUnA)	E	0.65	U		0.65	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	FB	0.32	U		0.32	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	27619-97-2	6:2 fluorotelomersulfonic acid	FB	0.34	U		0.34	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	39108-34-4	8:2 fluorotelomersulfonic acid	FB	0.55	U		0.55	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	FB	0.3	U		0.30	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	FB	0.41	U		0.41	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	13252-13-6	Perfluoro-2-propoxypropionic acid	FB	0.61	U		0.61	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	375-73-5	Perfluorobutanesulfonic acid (PFBS)	FB	0.3	U		0.30	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	375-22-4	Perfluorobutanoic acid (PFBA)	FB	0.21	U		0.21	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	335-77-3	Perfluorodecanesulfonic acid (PFDS)	FB	0.49	U		0.49	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	335-76-2	Perfluorodecanoic acid (PFDA)	FB	0.29	U		0.29	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	307-55-1	Perfluorododecanoic acid (PFDoA)	FB	0.37	U		0.37	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	FB	0.63	U		0.63	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	375-85-9	Perfluoroheptanoic acid (PFHpA)	FB	0.43	U		0.43	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	FB	0.34	U		0.34	PFC_IDA_DOD5.3



Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
2785	QC	1/24/2022	RFS01-15.2201010-004	307-24-4	Perfluorohexanoic acid (PFHxA)	FB	0.49	U		0.49	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	67905-19-5	Perfluoro- <i>n</i> -hexadecanoic acid (PFHxDA)	FB	0.46	U		0.46	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	16517-11-6	Perfluoro- <i>n</i> -octadecanoic acid (PFODA)	FB	0.53	U		0.53	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	FB	0.59	U		0.59	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	375-95-1	Perfluorononanoic acid (PFNA)	FB	0.5	U		0.50	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	754-91-6	Perfluorooctane Sulfonamide (FOSA)	FB	0.46	U		0.46	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	FB	0.52	U		0.52	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	335-67-1	Perfluorooctanoic acid (PFOA)	FB	0.5	U		0.50	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	FB	0.45	U		0.45	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	2706-90-3	Perfluoropentanoic acid (PFPeA)	FB	0.21	U		0.21	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	376-06-7	Perfluorotetradecanoic acid (PFTeA)	FB	0.45	U		0.45	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	FB	0.61	U		0.61	PFC_IDA_DOD5.3
2785	QC	1/24/2022	RFS01-15.2201010-004	2058-94-8	Perfluoroundecanoic acid (PFUnA)	FB	0.65	U		0.65	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	1.6	U		1.6	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	27619-97-2	6:2 fluorotelomersulfonic acid	F	49		J	1.7	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	39108-34-4	8:2 fluorotelomersulfonic acid	F	16		J	2.8	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	2991-50-6	<i>N</i> -ethyl perfluorooctanesulfonamidoacetic acid	F	1.5	U		1.5	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	2355-31-9	<i>N</i> -methyl perfluorooctanesulfonamidoacetic acid	F	2.1	U		2.1	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	13252-13-6	Perfluoro-2-propoxypropionic acid	F	3.1	U		3.1	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	8.8	J	J	1.5	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	375-22-4	Perfluorobutanoic acid (PFBA)	F	40		J	1.1	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	2.5	U		2.5	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	335-76-2	Perfluorodecanoic acid (PFDA)	F	3.5	J		1.5	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	307-55-1	Perfluorododecanoic acid (PFDoA)	F	1.9	U		1.9	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	3.7	J		3.2	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	82			2.2	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	120		J	1.7	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	307-24-4	Perfluorohexanoic acid (PFHxA)	F	100		J	2.5	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	67905-19-5	Perfluoro- <i>n</i> -hexadecanoic acid (PFHxDA)	F	2.3	U		2.3	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	16517-11-6	Perfluoro- <i>n</i> -octadecanoic acid (PFODA)	F	2.7	U		2.7	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	3	U		3.0	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	375-95-1	Perfluorononanoic acid (PFNA)	F	9.5			2.5	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	2.3	U		2.3	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	250			2.6	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	335-67-1	Perfluorooctanoic acid (PFOA)	F	72			2.5	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	8.8	J	J	2.3	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	110			1.1	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	2.3	U		2.3	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	3.1	U		3.1	PFC_IDA_DOD5.3
33502	WL	1/24/2022	RFS01-15.2201010-007	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	3.3	U		3.3	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	27619-97-2	6:2 fluorotelomersulfonic acid	F	49			0.35	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.57	U		0.57	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
33604	WL	1/24/2022	RFS01-15.2201010-016	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.42	U		0.42	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.63	U		0.63	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	10			0.31	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	375-22-4	Perfluorobutanoic acid (PFBA)	F	75		J	0.22	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.5	U		0.50	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.3	U		0.30	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.39	U		0.39	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.65	U		0.65	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	48			0.44	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	54			0.35	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	307-24-4	Perfluorohexanoic acid (PFHxA)	F	96			0.50	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.55	U		0.55	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.61	U		0.61	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	375-95-1	Perfluorononanoic acid (PFNA)	F	0.78	J		0.51	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	5.5			0.53	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	335-67-1	Perfluorooctanoic acid (PFOA)	F	47			0.51	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	7.7			0.47	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	110			0.22	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.63	U		0.63	PFC_IDA_DOD5.3
33604	WL	1/24/2022	RFS01-15.2201010-016	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.67	U		0.67	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.31	U		0.31	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	27619-97-2	6:2 fluorotelomersulfonic acid	F	2.3	J		0.33	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.54	U		0.54	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.3	U		0.30	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.4	U		0.40	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.6	U		0.60	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	6.2			0.30	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	375-22-4	Perfluorobutanoic acid (PFBA)	F	38		J	0.21	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.48	U		0.48	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.29	U		0.29	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.37	U		0.37	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.62	U		0.62	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	13			0.42	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	9.5			0.33	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	307-24-4	Perfluorohexanoic acid (PFHxA)	F	18			0.48	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.45	U		0.45	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.52	U		0.52	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.57	U		0.57	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	375-95-1	Perfluorononanoic acid (PFNA)	F	2.2			0.49	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
33711	WL	1/24/2022	RFS01-15.2201010-017	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.45	U		0.45	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	6.4			0.51	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	335-67-1	Perfluorooctanoic acid (PFOA)	F	11			0.49	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	1.7			0.44	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	21			0.21	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.44	U		0.44	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.6	U		0.60	PFC_IDA_DOD5.3
33711	WL	1/24/2022	RFS01-15.2201010-017	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.64	U		0.64	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	18	U		18	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.37	U		0.37	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	27619-97-2	6:2 fluorotelomersulfonic acid	D	19	U		19	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.61	J		0.39	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	39108-34-4	8:2 fluorotelomersulfonic acid	D	31	U		31	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.64	U		0.64	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	17	U		17	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.35	U		0.35	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	23	U		23	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.48	U		0.48	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	13252-13-6	Perfluoro-2-propoxypropionic acid	D	35	U		35	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.71	U		0.71	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	25	J		17	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	24			0.35	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	375-22-4	Perfluorobutanoic acid (PFBA)	D	30	J		12	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	375-22-4	Perfluorobutanoic acid (PFBA)	F	25			0.25	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	28	U		28	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.57	U		0.57	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	335-76-2	Perfluorodecanoic acid (PFDA)	D	17	U		17	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.34	U		0.34	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	307-55-1	Perfluorododecanoic acid (PFDoA)	D	21	U		21	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	36	U		36	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	4.3			0.73	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	34	J		24	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	31			0.50	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	210			19	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	210			0.39	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	307-24-4	Perfluorohexanoic acid (PFHxA)	D	69	J		28	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	307-24-4	Perfluorohexanoic acid (PFHxA)	F	63			0.57	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	26	U		26	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.54	U		0.54	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	30	U		30	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.62	U		0.62	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	33	U		33	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
33905	WL	1/24/2022	RFS01-15.2201010-018	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.68	U		0.68	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	375-95-1	Perfluorononanoic acid (PFNA)	D	28	U		28	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	375-95-1	Perfluorononanoic acid (PFNA)	F	1.3	J		0.58	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	754-91-6	Perfluorooctane Sulfonamide (FOSA)	D	26	U		26	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.54	U		0.54	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	210		J	29	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	150		J	0.60	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	335-67-1	Perfluorooctanoic acid (PFOA)	D	32	J		28	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	335-67-1	Perfluorooctanoic acid (PFOA)	F	27			0.58	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	D	29	J		26	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	26			0.53	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	86	J		12	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	73			0.25	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	26	U		26	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.53	U		0.53	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	35	U		35	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.71	U		0.71	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-001	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	37	U		37	PFC_IDA_DOD5.3
33905	WL	1/24/2022	RFS01-15.2201010-018	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.75	U		0.75	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.32	U		0.32	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.34	U		0.34	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.56	U		0.56	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.41	U		0.41	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.62	U		0.62	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	4.7			0.31	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	375-22-4	Perfluorobutanoic acid (PFBA)	F	12			0.22	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.5	U		0.50	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.3	U		0.30	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.38	U		0.38	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.64	U		0.64	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	10			0.43	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	19			0.34	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	307-24-4	Perfluorohexanoic acid (PFHxA)	F	19			0.50	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.54	U		0.54	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.59	U		0.59	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	375-95-1	Perfluorononanoic acid (PFNA)	F	1.2	J		0.50	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	22			0.52	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	335-67-1	Perfluorooctanoic acid (PFOA)	F	18			0.50	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	4.2			0.46	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	23			0.22	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
40005	WL	1/24/2022	RFS01-15.2201010-008	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.49	J		0.46	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.62	U		0.62	PFC_IDA_DOD5.3
40005	WL	1/24/2022	RFS01-15.2201010-008	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.66	U		0.66	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.35	U		0.35	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.57	U		0.57	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.42	U		0.42	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.63	U		0.63	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	3			0.31	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	375-22-4	Perfluorobutanoic acid (PFBA)	F	12			0.22	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.5	U		0.50	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.3	U		0.30	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.38	U		0.38	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.65	U		0.65	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.8	J		0.44	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	0.52	J		0.35	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	307-24-4	Perfluorohexanoic acid (PFHxA)	F	2.4			0.50	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.55	U		0.55	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.6	U		0.60	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	375-95-1	Perfluorononanoic acid (PFNA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	1.3	J		0.53	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	335-67-1	Perfluorooctanoic acid (PFOA)	F	1.4	J	J	0.51	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.47	U		0.47	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	1.6	J	J	0.22	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.63	U		0.63	PFC_IDA_DOD5.3
91105	WL	1/24/2022	RFS01-15.2201010-009	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.67	U		0.67	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.32	U		0.32	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.34	U		0.34	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.55	U		0.55	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.3	U		0.30	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.41	U		0.41	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.61	U		0.61	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	3.1			0.30	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	375-22-4	Perfluorobutanoic acid (PFBA)	F	13		J	0.21	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.49	U		0.49	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.29	U		0.29	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.37	U		0.37	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.63	U		0.63	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.51	J		0.43	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	0.41	J		0.34	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	307-24-4	Perfluorohexanoic acid (PFHxA)	F	1.4	J		0.49	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	67905-19-5	Perfluoro- <i>n</i> -hexadecanoic acid (PFHxDA)	F	0.46	U		0.46	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	16517-11-6	Perfluoro- <i>n</i> -octadecanoic acid (PFODA)	F	0.53	U		0.53	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.59	U		0.59	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	375-95-1	Perfluorononanoic acid (PFNA)	F	0.5	U		0.50	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.46	U		0.46	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	0.91	J		0.51	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	335-67-1	Perfluorooctanoic acid (PFOA)	F	1.4	J		0.50	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.45	U		0.45	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	1.6	J		0.21	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.45	U		0.45	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.61	U		0.61	PFC_IDA_DOD5.3
MSETINF	TS	1/24/2022	RFS01-15.2201010-010	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.65	U		0.65	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.34	U		0.34	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	0.32	U		0.32	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	27619-97-2	6:2 Fluorotelomersulfonic acid	F	0.36	U		0.36	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	27619-97-2	6:2 Fluorotelomersulfonic acid	D	0.34	U		0.34	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	39108-34-4	8:2 Fluorotelomersulfonic acid	F	0.59	U		0.59	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	39108-34-4	8:2 Fluorotelomersulfonic acid	D	0.55	U		0.55	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	2991-50-6	<i>N</i> -Ethyl perfluorooctanesulfonamidoacetic acid	F	0.32	U		0.32	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	2991-50-6	<i>N</i> -Ethyl perfluorooctanesulfonamidoacetic acid	D	0.3	U		0.30	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	2355-31-9	<i>N</i> -Methyl perfluorooctanesulfonamidoacetic acid	F	0.44	U		0.44	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	2355-31-9	<i>N</i> -Methyl perfluorooctanesulfonamidoacetic acid	D	0.41	U		0.41	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.66	U		0.66	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.61	U		0.61	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	5			0.32	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	5.6			0.30	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	375-22-4	Perfluorobutanoic acid (PFBA)	F	17			0.23	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	375-22-4	Perfluorobutanoic acid (PFBA)	D	18			0.21	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.52	U		0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.49	U		0.49	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.31	U		0.31	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.29	U		0.29	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.4	U		0.40	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.37	U		0.37	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.68	U		0.68	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	0.63	U		0.63	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	2.9			0.46	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	3.1			0.42	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	9.9			0.36	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	9.5			0.34	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	307-24-4	Perfluorohexanoic acid (PFHxA)	F	6.3			0.52	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	307-24-4	Perfluorohexanoic acid (PFHxA)	D	7.2			0.49	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	67905-19-5	Perfluoro- <i>n</i> -hexadecanoic acid (PFHxDA)	F	0.5	U		0.50	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	67905-19-5	Perfluoro- <i>n</i> -hexadecanoic acid (PFHxDA)	D	0.46	U		0.46	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	16517-11-6	Perfluoro- <i>n</i> -octadecanoic acid (PFODA)	F	0.57	U		0.57	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	16517-11-6	Perfluoro- <i>n</i> -octadecanoic acid (PFODA)	D	0.53	U		0.53	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.63	U		0.63	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	0.58	U		0.58	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	375-95-1	Perfluorononanoic acid (PFNA)	F	0.53	U		0.53	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	375-95-1	Perfluorononanoic acid (PFNA)	D	0.49	U		0.49	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.69	J		0.50	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	754-91-6	Perfluorooctane Sulfonamide (FOSA)	D	0.65	J		0.46	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	2.1		J	0.55	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	1.7	J		0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	335-67-1	Perfluorooctanoic acid (PFOA)	F	6.6			0.53	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	335-67-1	Perfluorooctanoic acid (PFOA)	D	6.7			0.49	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	3.7			0.49	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	D	3.9			0.45	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	8.5			0.23	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	8.3			0.21	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.49	U		0.49	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.45	U		0.45	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.66	U		0.66	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	0.61	U		0.61	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-011	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.7	U		0.70	PFC_IDA_DOD5.3
OLFSEEP8	SL	2/1/2022	RFS01-15.2202011-001	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.65	U		0.65	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.31	U		0.31	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	27619-97-2	6:2 Fluorotelomersulfonic acid	F	1.7	J	J	0.32	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	39108-34-4	8:2 Fluorotelomersulfonic acid	F	1.6	J		0.53	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	2991-50-6	<i>N</i> -Ethyl perfluorooctanesulfonamidoacetic acid	F	21			0.29	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	2355-31-9	<i>N</i> -Methyl perfluorooctanesulfonamidoacetic acid	F	0.77	J		0.39	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.59	U		0.59	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	1.8		J	0.29	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	375-22-4	Perfluorobutanoic acid (PFBA)	F	68		J	0.20	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.47	U		0.47	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.28	U		0.28	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.36	U		0.36	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.6	U		0.60	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	13			0.41	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	7.3			0.32	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	307-24-4	Perfluorohexanoic acid (PFHxA)	F	34			0.47	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	67905-19-5	Perfluoro- <i>n</i> -hexadecanoic acid (PFHxDA)	F	0.44	U		0.44	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	16517-11-6	Perfluoro- <i>n</i> -octadecanoic acid (PFODA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.56	U		0.56	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	375-95-1	Perfluorononanoic acid (PFNA)	F	0.57	J		0.48	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.45	J		0.44	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	14			0.49	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	335-67-1	Perfluorooctanoic acid (PFOA)	F	47			0.48	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.43	U		0.43	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	18			0.20	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.59	U		0.59	PFC_IDA_DOD5.3
PLFSEEPINF	TS	1/24/2022	RFS01-15.2201010-012	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.62	U		0.62	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	18	U		18	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.3	U		0.30	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	27619-97-2	6:2 Fluorotelomersulfonic acid	D	19	U		19	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	27619-97-2	6:2 Fluorotelomersulfonic acid	F	1.5	J	J	0.31	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	39108-34-4	8:2 Fluorotelomersulfonic acid	D	31	U		31	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	39108-34-4	8:2 Fluorotelomersulfonic acid	F	1.2	J		0.51	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	2991-50-6	N-Ethyl perfluorooctanesulfonamidoacetic acid	D	17	U		17	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	2991-50-6	N-Ethyl perfluorooctanesulfonamidoacetic acid	F	18			0.28	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	2355-31-9	N-Methyl perfluorooctanesulfonamidoacetic acid	D	23	U		23	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	2355-31-9	N-Methyl perfluorooctanesulfonamidoacetic acid	F	0.85	J		0.38	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	13252-13-6	Perfluoro-2-propoxypropionic acid	D	35	U		35	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.57	U		0.57	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	17	U		17	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	0.72	J	J	0.28	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	375-22-4	Perfluorobutanoic acid (PFBA)	D	59	J		12	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	375-22-4	Perfluorobutanoic acid (PFBA)	F	56		J	0.20	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	28	U		28	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.45	U		0.45	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	335-76-2	Perfluorodecanoic acid (PFDA)	D	17	U		17	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.27	U		0.27	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	307-55-1	Perfluorododecanoic acid (PFDoA)	D	21	U		21	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.35	U		0.35	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	36	U		36	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.59	U		0.59	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	24	U		24	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	11			0.40	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	19	U		19	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	6			0.31	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	307-24-4	Perfluorohexanoic acid (PFHxA)	D	28	U		28	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	307-24-4	Perfluorohexanoic acid (PFHxA)	F	28			0.45	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	26	U		26	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	30	U		30	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.5	U		0.50	PFC_IDA_DOD5.3



Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	33	U		33	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.55	U		0.55	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	375-95-1	Perfluorononanoic acid (PFNA)	D	28	U		28	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	375-95-1	Perfluorononanoic acid (PFNA)	F	0.54	J		0.46	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	754-91-6	Perfluorooctane sulfonamide (FOSA)	D	26	U		26	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.44	J		0.43	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	33	J	J	29	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	13		J	0.48	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	335-67-1	Perfluorooctanoic acid (PFOA)	D	64	J	J	28	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	335-67-1	Perfluorooctanoic acid (PFOA)	F	44			0.46	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	D	26	U		26	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	0.42	U		0.42	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	12	U		12	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	15			0.20	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	26	U		26	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.42	U		0.42	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	72629-94-8	Perfluorotridecanoic acid (PFTriA)	D	35	U		35	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.57	U		0.57	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-002	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	37	U		37	PFC_IDA_DOD5.3
PLFSYSEFF	TS	1/24/2022	RFS01-15.2201010-019	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.6	U		0.60	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	0.3	U		0.30	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.32	U		0.32	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	27619-97-2	6:2 Fluorotelomersulfonic acid	D	0.32	U		0.32	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	27619-97-2	6:2 Fluorotelomersulfonic acid	F	0.34	U		0.34	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	39108-34-4	8:2 Fluorotelomersulfonic acid	D	0.52	U		0.52	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	39108-34-4	8:2 Fluorotelomersulfonic acid	F	0.55	U		0.55	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	2991-50-6	N-Ethyl perfluorooctanesulfonamidoacetic acid	D	0.29	U		0.29	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	2991-50-6	N-Ethyl perfluorooctanesulfonamidoacetic acid	F	0.3	U		0.30	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	2355-31-9	N-Methyl perfluorooctanesulfonamidoacetic acid	D	0.39	U		0.39	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	2355-31-9	N-Methyl perfluorooctanesulfonamidoacetic acid	F	0.41	U		0.41	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.58	U		0.58	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.61	U		0.61	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	0.6	J		0.29	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	0.44	J		0.30	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	375-22-4	Perfluorobutanoic acid (PFBA)	D	1.2	J		0.20	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	375-22-4	Perfluorobutanoic acid (PFBA)	F	0.89	J		0.21	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.46	U		0.46	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.49	U		0.49	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.28	U		0.28	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.29	U		0.29	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.35	U		0.35	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.37	U		0.37	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	0.6	U		0.60	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analytes	Sample Type	Results (ng/L)	Lab Qualifiers	Data Validation Qualifiers	Detection Limit (ng/L)	Analytical Method
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.63	U		0.63	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	0.4	U		0.40	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	0.32	U		0.32	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	0.44	J		0.34	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	307-24-4	Perfluorohexanoic acid (PFHxA)	D	0.46	U		0.46	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	307-24-4	Perfluorohexanoic acid (PFHxA)	F	0.49	U		0.49	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	67905-19-5	Perfluoro- <i>n</i> -hexadecanoic acid (PFHxDA)	D	0.44	U		0.44	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	67905-19-5	Perfluoro- <i>n</i> -hexadecanoic acid (PFHxDA)	F	0.46	U		0.46	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	16517-11-6	Perfluoro- <i>n</i> -octadecanoic acid (PFODA)	D	0.5	U		0.50	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	16517-11-6	Perfluoro- <i>n</i> -octadecanoic acid (PFODA)	F	0.53	U		0.53	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	68259-12-1	Perfluorononane sulfonic acid (PFNS)	D	0.55	U		0.55	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.59	U		0.59	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	375-95-1	Perfluorononanoic acid (PFNA)	D	0.47	U		0.47	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	375-95-1	Perfluorononanoic acid (PFNA)	F	0.5	U		0.50	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	754-91-6	Perfluorooctane sulfonamide (FOSA)	D	0.44	U		0.44	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.46	U		0.46	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	0.49	U		0.49	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	0.52	U		0.52	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	335-67-1	Perfluorooctanoic acid (PFOA)	D	0.47	U		0.47	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	335-67-1	Perfluorooctanoic acid (PFOA)	F	0.5	U		0.50	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	D	0.43	U		0.43	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	0.45	U		0.45	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	0.2	U		0.20	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	0.21	U		0.21	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.43	U		0.43	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.45	U		0.45	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	0.58	U		0.58	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.61	U		0.61	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-003	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.61	U		0.61	PFC_IDA_DOD5.3
WOMPOC	SL	1/24/2022	RFS01-15.2201010-014	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.65	U		0.65	PFC_IDA_DOD5.3

**Notes:** All samples were analyzed by TestAmerica Laboratories. All samples were unfiltered.

**Abbreviations:**

CAS = Chemical Abstracts Service, D = duplicate, E = equipment rinse, F = field sample, FB = field blank, J = estimated, QC = quality control sample (dummy location code), SL = surface location, TS = treatment system, U = analytical result below detection limit, WL = well

Table 3. Field Parameter Results for Water Samples

Location Code	Date Sampled	Parameters	Results	Units
33502	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	654	mg/L
33502	1/24/2022	pH	7.21	s.u.
33502	1/24/2022	Specific conductance	2017	µmho/cm
33502	1/24/2022	Temperature	11.57	C
33502	1/24/2022	Turbidity	2.73	NTU
33604	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	386	mg/L
33604	1/24/2022	pH	6.48	s.u.
33604	1/24/2022	Specific conductance	2059.75	µmho/cm
33604	1/24/2022	Temperature	12.13	C
33604	1/24/2022	Turbidity	4.00	NTU
33711	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	387	mg/L
33711	1/24/2022	pH	6.92	s.u.
33711	1/24/2022	Specific conductance	1641.67	µmho/cm
33711	1/24/2022	Temperature	11.98	C
33711	1/24/2022	Turbidity	6.49	NTU
33905	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	176	mg/L
33905	1/24/2022	pH	7.04	s.u.
33905	1/24/2022	Specific conductance	915	µmho/cm
33905	1/24/2022	Temperature	11.87	C
33905	1/24/2022	Turbidity	14.04	NTU
40005	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	194	mg/L
40005	1/24/2022	pH	6.60	s.u.
40005	1/24/2022	Specific conductance	1431.67	µmho/cm
40005	1/24/2022	Temperature	12.23	C
40005	1/24/2022	Turbidity	4.27	NTU
91105	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	244	mg/L
91105	1/24/2022	pH	6.95	s.u.
91105	1/24/2022	Specific conductance	1411.33	µmho/cm
91105	1/24/2022	Temperature	9.33	C
91105	1/24/2022	Turbidity	1.8	NTU
MSETINF	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	283	mg/L
MSETINF	1/24/2022	pH	7.09	s.u.
MSETINF	1/24/2022	Specific conductance	1415	µmho/cm
MSETINF	1/24/2022	Temperature	7.55	C
MSETINF	1/24/2022	Turbidity	1.72	NTU
OLFSEEP8	2/1/2022	Alkalinity, total (as CaCO <sub>3</sub> )	200	mg/L
OLFSEEP8	2/1/2022	pH	6.41	s.u.
OLFSEEP8	2/1/2022	Specific conductance	1103	µmho/cm
OLFSEEP8	2/1/2022	Temperature	3.6	C
OLFSEEP8	2/1/2022	Turbidity	4.95	NTU

Table 3. Field Parameter Results for Water Samples (continued)

Location Code	Date Sampled	Parameters	Results	Units
PLFSEEPINF	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	844	mg/L
PLFSEEPINF	1/24/2022	pH	6.48	s.u.
PLFSEEPINF	1/24/2022	Specific conductance	1300	µmho/cm
PLFSEEPINF	1/24/2022	Temperature	12.69	C
PLFSEEPINF	1/24/2022	Turbidity	1.36	NTU
PLFSYSEFF	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	610	mg/L
PLFSYSEFF	1/24/2022	pH	6.86	s.u.
PLFSYSEFF	1/24/2022	Specific conductance	1220	µmho/cm
PLFSYSEFF	1/24/2022	Temperature	9.12	C
PLFSYSEFF	1/24/2022	Turbidity	6.58	NTU
WOMPOC	1/24/2022	Alkalinity, total (as CaCO <sub>3</sub> )	121	mg/L
WOMPOC	1/24/2022	pH	7.35	s.u.
WOMPOC	1/24/2022	Specific conductance	747	µmho/cm
WOMPOC	1/24/2022	Temperature	1.62	C
WOMPOC	1/24/2022	Turbidity	2.03	NTU

**Abbreviations:**

C = Celsius  
 CaCO<sub>3</sub> = calcium carbonate  
 mg/L = milligrams per liter  
 NTU = nephelometric turbidity unit  
 s.u. = standard unit  
 µmho/cm = micromhos per centimeter