

PFAS Monitoring Report Rocky Flats Site, Colorado Third Quarter 2022

January 2023



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

AFFF	aqueous film-forming foam
CAS	Chemical Abstracts Service
CY	calendar year
EPA	U.S. Environmental Protection Agency
LM	Office of Legacy Management
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 man-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- 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 Office of Legacy Management (LM) 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 PFAS that have received the greatest scrutiny, perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (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, LM developed a new SAP in 2021, *Sampling and Analysis Plan for PFAS at the Rocky Flats Site, Colorado* (LMS/RFS/S33207), 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 locations that presented the highest concentrations of PFOA + PFOS in 2019. The target analytes were increased in this SAP to 28 PFAS, including PFOA, PFOS, and 23 other PFAS listed by Chemical Abstracts Service (CAS) number in Colorado Water Quality Control Commission (WQCC) Policy 20-1 (WQCC 2020), hereafter called the Colorado WQCC Policy.¹

This sampling will be conducted quarterly for a total of eight quarters (2 years). Results are provided in quarterly reports; the report for the fourth quarter of each calendar year (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 this SAP began in the third quarter of CY 2021.

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 CAS number in the Colorado WQCC Policy (WQCC 2020).

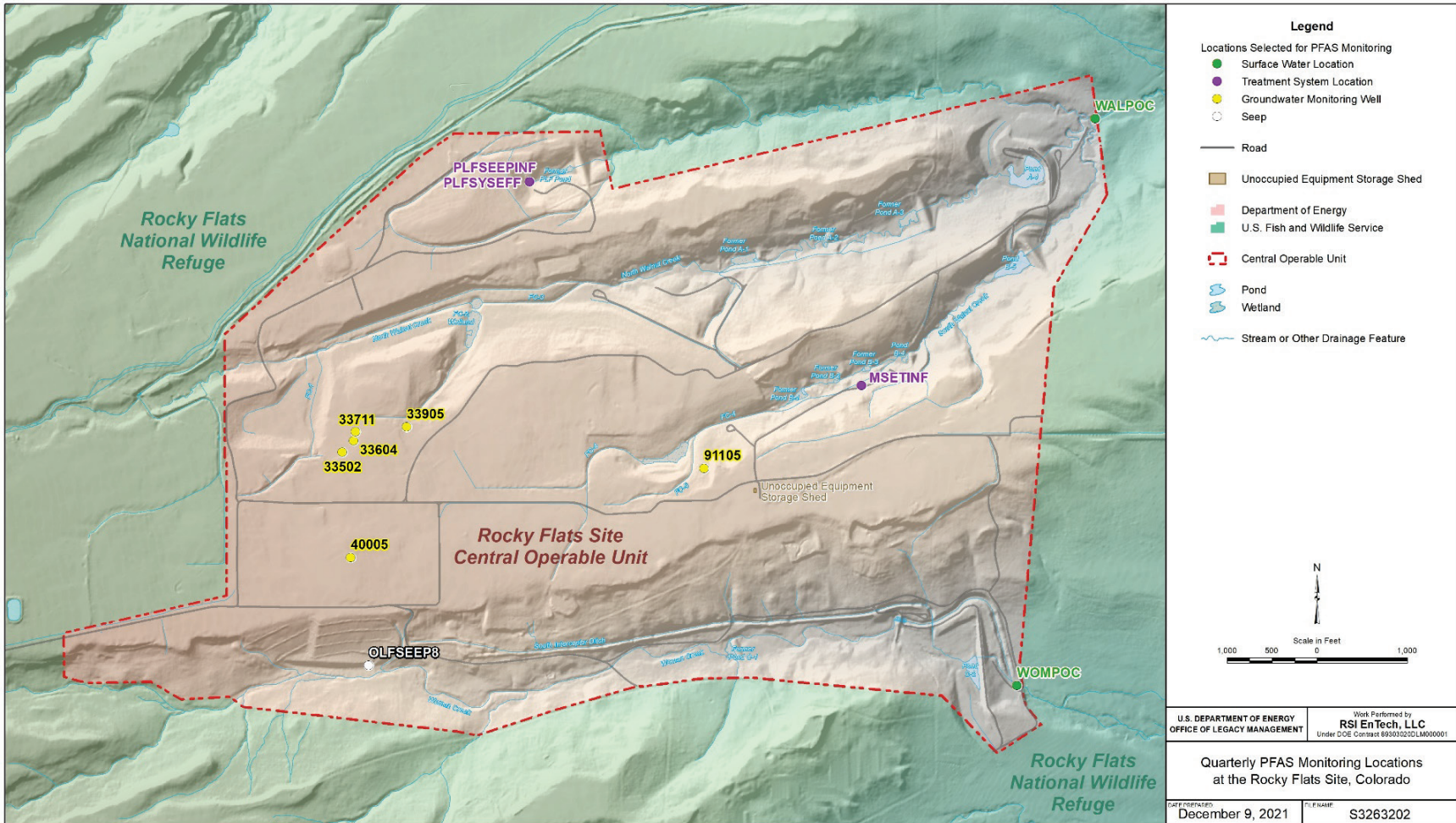


Figure 1. Central Operable Unit with PFAS Sampling Locations

2.0 Monitoring Highlights: Third Quarter CY 2022

- All locations except surface water location WALPOC were successfully sampled. Dry conditions through the third quarter prevented sampling at WALPOC.
- Sampling events are summarized in Table 1.

Table 1. Sampling Events in Third Quarter 2022

Location ID		Sample ID	Sample Date and Time	Sample Type
Actual	Dummy ^a			
33502		RFS01-15.2207015-007	7/18/22 10:28	F
33502	2788	RFS01-15.2207015-019	7/18/22 10:24	FB
33604	2785	RFS01-15.2207015-004	7/18/22 10:52	E
33604		RFS01-15.2207015-015	7/18/22 11:10	F
33711		RFS01-15.2207015-016	7/18/22 11:42	F
33905		RFS01-15.2207015-017	7/18/22 12:16	F
40005	2783	RFS01-15.2207015-002	7/18/22 9:32	D
40005		RFS01-15.2207015-008	7/18/22 9:32	F
91105		RFS01-15.2207015-009	7/18/22 13:18	F
MSETINF	2784	RFS01-15.2207015-003	7/18/22 13:40	D
MSETINF		RFS01-15.2207015-010	7/18/22 13:40	F
OLFSEEP8	2770	RFS01-15.2207015-001	7/18/22 8:41	D
OLFSEEP8		RFS01-15.2207015-011	7/18/22 8:41	F
PLFSEEPINF		RFS01-15.2207015-012	7/18/22 14:40	F
PLFSYSEFF		RFS01-15.2207015-018	7/18/22 14:26	F
WOMPOC		RFS01-15.2207016-014	7/30/22 9:20	F

Note:

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

Abbreviations:

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

3.0 Analytical Data: Third Quarter CY 2022

Analytical data for the third 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 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
2785	QC	7/18/2022	RFS01-15.2207015-004	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	E	0.33	U		0.33	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	27619-97-2	6:2 fluorotelomersulfonic acid	E	0.35	U		0.35	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	39108-34-4	8:2 fluorotelomersulfonic acid	E	0.57	U		0.57	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	E	0.31	U		0.31	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	E	0.43	U		0.43	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	13252-13-6	Perfluoro-2-propoxypropionic acid	E	0.64	U		0.64	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	375-73-5	Perfluorobutanesulfonic acid (PFBS)	E	0.31	U		0.31	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	375-22-4	Perfluorobutanoic acid (PFBA)	E	0.22	U		0.22	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	335-77-3	Perfluorodecanesulfonic acid (PFDS)	E	0.51	U		0.51	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	335-76-2	Perfluorodecanoic acid (PFDA)	E	0.31	U		0.31	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	307-55-1	Perfluorododecanoic acid (PFDoA)	E	0.39	U		0.39	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	E	0.66	U		0.66	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	375-85-9	Perfluoroheptanoic acid (PFHpA)	E	0.44	U		0.44	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	E	0.35	U		0.35	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	307-24-4	Perfluorohexanoic acid (PFHxA)	E	0.51	U		0.51	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	E	0.48	U		0.48	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	E	0.56	U		0.56	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	68259-12-1	Perfluorononane sulfonic acid (PFNS)	E	0.61	U		0.61	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	375-95-1	Perfluorononanoic acid (PFNA)	E	0.52	U		0.52	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	754-91-6	Perfluorooctane sulfonamide (FOSA)	E	0.48	U		0.48	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	E	0.54	U		0.54	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	335-67-1	Perfluorooctanoic acid (PFOA)	E	0.52	U		0.52	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	E	0.47	U		0.47	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	2706-90-3	Perfluoropentanoic acid (PFPeA)	E	0.22	U		0.22	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	376-06-7	Perfluorotetradecanoic acid (PFTeA)	E	0.47	U		0.47	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	72629-94-8	Perfluorotridecanoic acid (PFTriA)	E	0.64	U		0.64	PFC_IDA_DOD5.3
2785	QC	7/18/2022	RFS01-15.2207015-004	2058-94-8	Perfluoroundecanoic acid (PFUnA)	E	0.68	U		0.68	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	FB	0.34	U		0.34	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	27619-97-2	6:2 fluorotelomersulfonic acid	FB	0.36	U		0.36	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	39108-34-4	8:2 fluorotelomersulfonic acid	FB	0.59	U		0.59	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	FB	0.33	U		0.33	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	FB	0.44	U		0.44	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	13252-13-6	Perfluoro-2-propoxypropionic acid	FB	0.66	U		0.66	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	375-73-5	Perfluorobutanesulfonic acid (PFBS)	FB	0.33	U		0.33	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	375-22-4	Perfluorobutanoic acid (PFBA)	FB	0.23	U		0.23	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	335-77-3	Perfluorodecanesulfonic acid (PFDS)	FB	0.53	U		0.53	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	335-76-2	Perfluorodecanoic acid (PFDA)	FB	0.32	U		0.32	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	307-55-1	Perfluorododecanoic acid (PFDoA)	FB	0.4	U		0.4	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	FB	0.68	U		0.68	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	375-85-9	Perfluoroheptanoic acid (PFHpA)	FB	0.46	U		0.46	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
2788	QC	7/18/2022	RFS01-15.2207015-019	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	FB	0.36	U		0.36	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	307-24-4	Perfluorohexanoic acid (PFHxA)	FB	0.53	U		0.53	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	FB	0.5	U		0.5	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	FB	0.57	U		0.57	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	68259-12-1	Perfluorononane sulfonic acid (PFNS)	FB	0.63	U		0.63	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	375-95-1	Perfluorononanoic acid (PFNA)	FB	0.54	U		0.54	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	754-91-6	Perfluorooctane sulfonamide (FOSA)	FB	0.5	U		0.5	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	FB	0.56	U		0.56	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	335-67-1	Perfluorooctanoic acid (PFOA)	FB	0.54	U		0.54	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	FB	0.49	U		0.49	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	2706-90-3	Perfluoropentanoic acid (PFPeA)	FB	0.23	U		0.23	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	376-06-7	Perfluorotetradecanoic acid (PFTeA)	FB	0.49	U		0.49	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	72629-94-8	Perfluorotridecanoic acid (PFTriA)	FB	0.66	U		0.66	PFC_IDA_DOD5.3
2788	QC	7/18/2022	RFS01-15.2207015-019	2058-94-8	Perfluoroundecanoic acid (PFUnA)	FB	0.7	U		0.7	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.32	U		0.32	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	27619-97-2	6:2 fluorotelomersulfonic acid	F	40			0.34	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	39108-34-4	8:2 fluorotelomersulfonic acid	F	15		J	0.55	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.3	U		0.3	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.41	U		0.41	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.62	U		0.62	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	24		J	0.3	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	375-22-4	Perfluorobutanoic acid (PFBA)	F	480	U,X		480	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.49	U		0.49	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	335-76-2	Perfluorodecanoic acid (PFDA)	F	4.4			0.3	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.38	U		0.38	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	0.64	U		0.64	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	89			0.43	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	170			0.34	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	307-24-4	Perfluorohexanoic acid (PFHxA)	F	74			0.49	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.54	U		0.54	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.59	U		0.59	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	375-95-1	Perfluorononanoic acid (PFNA)	F	11			0.5	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	260			0.52	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	335-67-1	Perfluorooctanoic acid (PFOA)	F	93			0.5	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	19			0.46	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	150		J	0.21	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.46	U		0.46	PFC_IDA_DOD5.3
33502	WL	7/18/2022	RFS01-15.2207015-007	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.62	U		0.62	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	7/18/2022	RFS01-15.2207015-007	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.65	U	J	0.65	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	27619-97-2	6:2 fluorotelomersulfonic acid	F	43			0.35	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.57	U		0.57	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.43	U		0.43	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.64	U		0.64	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	13			0.31	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	375-22-4	Perfluorobutanoic acid (PFBA)	F	78		J	0.22	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.51	U		0.51	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.31	U		0.31	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.39	U		0.39	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	1.4	J		0.66	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	54			0.44	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	73			0.35	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	307-24-4	Perfluorohexanoic acid (PFHxA)	F	76			0.51	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.56	U		0.56	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.61	U		0.61	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	375-95-1	Perfluorononanoic acid (PFNA)	F	1.2	J		0.52	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	13		J	0.54	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	335-67-1	Perfluorooctanoic acid (PFOA)	F	58			0.52	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	13			0.47	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	110			0.22	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.64	U		0.64	PFC_IDA_DOD5.3
33604	WL	7/18/2022	RFS01-15.2207015-015	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.68	U		0.68	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.31	U		0.31	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	27619-97-2	6:2 fluorotelomersulfonic acid	F	1.2	J		0.32	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.53	U		0.53	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.29	U		0.29	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.39	U		0.39	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.59	U		0.59	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	13			0.29	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	375-22-4	Perfluorobutanoic acid (PFBA)	F	34		J	0.2	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.47	U		0.47	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.28	U		0.28	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.36	U		0.36	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	0.61	U		0.61	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
33711	WL	7/18/2022	RFS01-15.2207015-016	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	8.4			0.41	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	11			0.32	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	307-24-4	Perfluorohexanoic acid (PFHxA)	F	9.4			0.47	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.44	U		0.44	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.56	U		0.56	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	375-95-1	Perfluorononanoic acid (PFNA)	F	1.1	J		0.48	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.44	U		0.44	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	4.5			0.5	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	335-67-1	Perfluorooctanoic acid (PFOA)	F	7.6			0.48	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	2.1			0.44	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	14			0.2	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.44	U		0.44	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.59	U		0.59	PFC_IDA_DOD5.3
33711	WL	7/18/2022	RFS01-15.2207015-016	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.62	U		0.62	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.36	U		0.36	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.73	J		0.38	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.62	U		0.62	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.34	U		0.34	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.46	U		0.46	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.69	U		0.69	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	23			0.34	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	375-22-4	Perfluorobutanoic acid (PFBA)	F	33			0.24	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.55	U		0.55	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.44	J		0.33	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.42	U		0.42	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	3.9			0.71	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	40			0.48	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	190			0.38	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	307-24-4	Perfluorohexanoic acid (PFHxA)	F	65			0.55	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.52	U		0.52	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.6	U		0.6	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.66	U		0.66	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	375-95-1	Perfluorononanoic acid (PFNA)	F	2.3			0.56	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.52	U		0.52	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	140			0.58	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	335-67-1	Perfluorooctanoic acid (PFOA)	F	28			0.56	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	30			0.51	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	86			0.24	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	376-06-7	Perfluorotetradecanoic acid (PFTeA)	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
33905	WL	7/18/2022	RFS01-15.2207015-017	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.69	U		0.69	PFC_IDA_DOD5.3
33905	WL	7/18/2022	RFS01-15.2207015-017	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.73	U		0.73	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	D	0.31	U		0.31	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.29	U		0.29	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	27619-97-2	6:2 fluorotelomersulfonic acid	D	0.33	U		0.33	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	39108-34-4	8:2 fluorotelomersulfonic acid	D	0.54	U		0.54	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.51	U		0.51	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.29	U		0.29	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.28	U		0.28	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.4	U		0.4	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.38	U		0.38	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.6	U		0.6	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.57	U		0.57	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	6			0.29	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	6.1			0.28	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	375-22-4	Perfluorobutanoic acid (PFBA)	D	11			0.21	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	375-22-4	Perfluorobutanoic acid (PFBA)	F	10			0.2	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.48	U		0.48	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.45	U		0.45	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.33	J		0.29	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.35	J		0.27	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.36	U		0.36	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.34	U		0.34	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	D	0.61	U		0.61	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	0.8	J		0.58	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	10			0.42	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	10			0.39	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	20			0.33	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	21			0.31	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	307-24-4	Perfluorohexanoic acid (PFHxA)	D	16			0.48	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	307-24-4	Perfluorohexanoic acid (PFHxA)	F	17			0.45	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	0.45	U		0.45	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	0.52	U		0.52	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.49	U		0.49	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	68259-12-1	Perfluorononane sulfonic acid (PFNS)	D	0.57	U		0.57	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.54	U		0.54	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	375-95-1	Perfluorononanoic acid (PFNA)	D	1	J		0.48	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	375-95-1	Perfluorononanoic acid (PFNA)	F	1.1	J		0.46	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
40005	WL	7/18/2022	RFS01-15.2207015-002	754-91-6	Perfluorooctane sulfonamide (FOSA)	D	0.45	U		0.45	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	25			0.5	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	25			0.47	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	335-67-1	Perfluorooctanoic acid (PFOA)	D	17			0.48	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	335-67-1	Perfluorooctanoic acid (PFOA)	F	17			0.46	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	D	4.4			0.44	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	4.7			0.42	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	26			0.21	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	26			0.2	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.44	U		0.44	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.42	U		0.42	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	72629-94-8	Perfluorotridecanoic acid (PFTriA)	D	0.6	U		0.6	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.57	U		0.57	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-002	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.63	U		0.63	PFC_IDA_DOD5.3
40005	WL	7/18/2022	RFS01-15.2207015-008	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.6	U		0.6	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.35	U		0.35	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.37	U		0.37	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.61	U		0.61	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.33	U		0.33	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.45	U		0.45	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.67	U		0.67	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	4			0.33	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	375-22-4	Perfluorobutanoic acid (PFBA)	F	12			0.23	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.54	U		0.54	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.32	U		0.32	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.41	U		0.41	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	0.69	U		0.69	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.64	J		0.47	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	0.56	J	J	0.37	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	307-24-4	Perfluorohexanoic acid (PFHxA)	F	1.5	J		0.54	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.59	U		0.59	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.65	U		0.65	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	375-95-1	Perfluorononanoic acid (PFNA)	F	0.55	U		0.55	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	1.2	J		0.57	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	335-67-1	Perfluorooctanoic acid (PFOA)	F	0.96	J		0.55	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	0.5	U		0.5	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	1.7	J		0.23	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
91105	WL	7/18/2022	RFS01-15.2207015-009	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.5	U		0.5	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.67	U		0.67	PFC_IDA_DOD5.3
91105	WL	7/18/2022	RFS01-15.2207015-009	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.71	U		0.71	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	D	0.33	U		0.33	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.32	U		0.32	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	27619-97-2	6:2 fluorotelomersulfonic acid	D	0.35	U		0.35	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.34	U		0.34	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	39108-34-4	8:2 fluorotelomersulfonic acid	D	0.57	U		0.57	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.56	U		0.56	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.31	U		0.31	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.42	U		0.42	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.41	U		0.41	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.63	U		0.63	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.62	U		0.62	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	0.71	J		0.31	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	0.65	J		0.31	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	375-22-4	Perfluorobutanoic acid (PFBA)	D	11			0.22	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	375-22-4	Perfluorobutanoic acid (PFBA)	F	11			0.22	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.5	U		0.5	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.49	U		0.49	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.3	U		0.3	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.3	U		0.3	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.38	U		0.38	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.38	U		0.38	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	D	0.65	U		0.65	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	0.64	U		0.64	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	0.44	U		0.44	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	0.41	J	J	0.35	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	0.37	J	J	0.34	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	307-24-4	Perfluorohexanoic acid (PFHxA)	D	0.5	J		0.5	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	307-24-4	Perfluorohexanoic acid (PFHxA)	F	0.49	U		0.49	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	0.48	U		0.48	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	0.55	U		0.55	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.54	U		0.54	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	68259-12-1	Perfluorononane sulfonic acid (PFNS)	D	0.6	U		0.6	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.59	U		0.59	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	375-95-1	Perfluorononanoic acid (PFNA)	D	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
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	375-95-1	Perfluorononanoic acid (PFNA)	F	0.5	U		0.5	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	754-91-6	Perfluorooctane sulfonamide (FOSA)	D	0.48	U		0.48	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	0.53	U		0.53	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	0.52	U		0.52	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	335-67-1	Perfluorooctanoic acid (PFOA)	D	1.1	J		0.51	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	335-67-1	Perfluorooctanoic acid (PFOA)	F	1.1	J		0.5	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	D	0.47	U		0.47	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	0.46	U		0.46	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	0.9	J		0.22	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	0.91	J		0.22	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.47	U		0.47	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.46	U		0.46	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	72629-94-8	Perfluorotridecanoic acid (PFTriA)	D	0.63	U		0.63	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.62	U		0.62	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-003	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.67	U		0.67	PFC_IDA_DOD5.3
MSETINF	TS	7/18/2022	RFS01-15.2207015-010	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.66	U		0.66	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	D	0.36	U		0.36	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.31	U		0.31	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	27619-97-2	6:2 fluorotelomersulfonic acid	D	0.38	U		0.38	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.33	U		0.33	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	39108-34-4	8:2 fluorotelomersulfonic acid	D	0.63	U		0.63	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.54	U		0.54	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.34	U		0.34	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.3	U		0.3	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.47	U		0.47	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.4	U		0.4	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.7	U		0.7	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.6	U		0.6	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	7.5			0.34	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	7.7			0.3	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	375-22-4	Perfluorobutanoic acid (PFBA)	D	19			0.24	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	375-22-4	Perfluorobutanoic acid (PFBA)	F	20			0.21	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.56	U		0.56	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.48	U		0.48	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.33	U		0.33	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.29	U		0.29	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.42	U		0.42	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.37	U		0.37	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	D	0.72	U		0.72	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	7/18/2022	RFS01-15.2207015-011	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	0.62	U		0.62	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	3.4			0.49	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	3.9			0.42	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	9.2			0.38	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	9.1			0.33	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	307-24-4	Perfluorohexanoic acid (PFHxA)	D	9.4			0.56	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	307-24-4	Perfluorohexanoic acid (PFHxA)	F	9.8			0.48	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	0.53	U		0.53	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.45	U		0.45	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	0.61	U		0.61	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.52	U		0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	68259-12-1	Perfluorononane sulfonic acid (PFNS)	D	0.67	U		0.67	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.58	U		0.58	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	375-95-1	Perfluorononanoic acid (PFNA)	D	0.57	U		0.57	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	375-95-1	Perfluorononanoic acid (PFNA)	F	0.49	U		0.49	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	754-91-6	Perfluorooctane sulfonamide (FOSA)	D	0.83	J		0.53	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.45	U		0.45	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	2.5			0.59	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	2.1			0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	335-67-1	Perfluorooctanoic acid (PFOA)	D	6.8			0.57	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	335-67-1	Perfluorooctanoic acid (PFOA)	F	8			0.49	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	D	4.4			0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	4.8			0.45	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	19			0.24	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	19			0.21	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.52	U		0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.45	U		0.45	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	72629-94-8	Perfluorotridecanoic acid (PFTriA)	D	0.7	U		0.7	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.6	U		0.6	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-001	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.74	U		0.74	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/18/2022	RFS01-15.2207015-011	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.64	U		0.64	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.28	U		0.28	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	27619-97-2	6:2 fluorotelomersulfonic acid	F	2	J		0.3	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	39108-34-4	8:2 fluorotelomersulfonic acid	F	1.4	J		0.49	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	24			0.27	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.82	J		0.36	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.54	U		0.54	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	0.27	U		0.27	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	375-22-4	Perfluorobutanoic acid (PFBA)	F	82		J	0.19	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.76	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.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.55	J		0.26	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.33	U		0.33	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	0.56	U		0.56	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	13			0.38	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	8.2			0.3	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	307-24-4	Perfluorohexanoic acid (PFHxA)	F	25			0.43	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.41	U		0.41	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.52	U		0.52	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	375-95-1	Perfluorononanoic acid (PFNA)	F	0.63	J		0.44	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.82	J		0.41	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	18			0.46	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	335-67-1	Perfluorooctanoic acid (PFOA)	F	54			0.44	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	0.4	U		0.4	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	17			0.19	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.4	U		0.4	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.54	U		0.54	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/18/2022	RFS01-15.2207015-012	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.58	U		0.58	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.3	U		0.3	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	27619-97-2	6:2 fluorotelomersulfonic acid	F	1.7	J	J	0.32	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	39108-34-4	8:2 fluorotelomersulfonic acid	F	1.1	J	J	0.52	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	24			0.29	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.83	J		0.39	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.58	U		0.58	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	1.4	J		0.29	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	375-22-4	Perfluorobutanoic acid (PFBA)	F	68		J	0.2	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.78	J		0.46	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.57	J	J	0.28	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.35	U		0.35	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	0.6	U		0.6	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	14			0.41	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	8.8			0.32	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	307-24-4	Perfluorohexanoic acid (PFHxA)	F	26			0.46	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.44	U		0.44	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.56	U		0.56	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	375-95-1	Perfluorononanoic acid (PFNA)	F	0.58	J		0.47	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.51	J		0.44	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	17			0.49	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	335-67-1	Perfluorooctanoic acid (PFOA)	F	43			0.47	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
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	0.87	J		0.43	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	17			0.2	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.58	U		0.58	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/18/2022	RFS01-15.2207015-018	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.62	U		0.62	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	757124-72-4	4:2 fluorotelomer sulfonate (4:2 FTS)	F	0.35	U		0.35	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.37	U		0.37	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.61	U		0.61	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.33	U		0.33	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.45	U		0.45	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.67	U		0.67	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	4.6			0.33	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	375-22-4	Perfluorobutanoic acid (PFBA)	F	11			0.23	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.54	U		0.54	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.32	U		0.32	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.41	U		0.41	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	F	0.69	U		0.69	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.81	J		0.47	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	1.3	J		0.37	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	307-24-4	Perfluorohexanoic acid (PFHxA)	F	2.6			0.54	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.59	U		0.59	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	68259-12-1	Perfluorononane sulfonic acid (PFNS)	F	0.65	U		0.65	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	375-95-1	Perfluorononanoic acid (PFNA)	F	0.55	U		0.55	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	754-91-6	Perfluorooctane sulfonamide (FOSA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	1.9	J	J	0.57	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	335-67-1	Perfluorooctanoic acid (PFOA)	F	1.5	J,X		0.55	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	2706-91-4	Perfluoropentane sulfonic acid (PFPS)	F	0.65	J		0.5	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	3.4			0.23	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.5	U		0.5	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	72629-94-8	Perfluorotridecanoic acid (PFTriA)	F	0.67	U		0.67	PFC_IDA_DOD5.3
WOMPOC	SL	7/30/2022	RFS01-15.2207016-014	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.71	U		0.71	PFC_IDA_DOD5.3

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, U = analytical result below detection limit, WL = well, X = indicates presumptive evidence of a compound

Table 3. Field Parameter Results for Water Samples

Location Code	Date Sampled	Parameter	Result	Unit
33502	7/18/2022	Alkalinity, total (as CaCO ₃)	782	mg/L
33502	7/18/2022	pH	7.223333333	s.u.
33502	7/18/2022	Specific conductance	2444	μS/cm
33502	7/18/2022	Temperature	18.26	°C
33502	7/18/2022	Turbidity	16.83333333	NTU
33604	7/18/2022	Alkalinity, total (as CaCO ₃)	400	mg/L
33604	7/18/2022	pH	6.463333333	s.u.
33604	7/18/2022	Specific conductance	2058.333333	μS/cm
33604	7/18/2022	Temperature	18.24666667	°C
33604	7/18/2022	Turbidity	2.756666667	NTU
33711	7/18/2022	Alkalinity, total (as CaCO ₃)	400	mg/L
33711	7/18/2022	pH	6.82	s.u.
33711	7/18/2022	Specific conductance	1972.333333	μS/cm
33711	7/18/2022	Temperature	18.54	°C
33711	7/18/2022	Turbidity	4.926666667	NTU
33905	7/18/2022	Alkalinity, total (as CaCO ₃)	148	mg/L
33905	7/18/2022	pH	6.873333333	s.u.
33905	7/18/2022	Specific conductance	869.6666667	μS/cm
33905	7/18/2022	Temperature	19.65	°C
33905	7/18/2022	Turbidity	8.356666667	NTU
40005	7/18/2022	Alkalinity, total (as CaCO ₃)	180	mg/L
40005	7/18/2022	pH	6.406666667	s.u.
40005	7/18/2022	Specific conductance	1575.666667	μS/cm
40005	7/18/2022	Temperature	16.06333333	°C
40005	7/18/2022	Turbidity	9.523333333	NTU
91105	7/18/2022	Alkalinity, total (as CaCO ₃)	257	mg/L
91105	7/18/2022	pH	6.856666667	s.u.
91105	7/18/2022	Specific conductance	1536	μS/cm
91105	7/18/2022	Temperature	17.50666667	°C
91105	7/18/2022	Turbidity	1.876666667	NTU
MSETINF	7/18/2022	Alkalinity, total (as CaCO ₃)	257	mg/L
MSETINF	7/18/2022	pH	7.12	s.u.
MSETINF	7/18/2022	Specific conductance	1593	μS/cm
MSETINF	7/18/2022	Temperature	23.9	°C
MSETINF	7/18/2022	Turbidity	0.97	NTU
OLFSEEP8	7/18/2022	Alkalinity, total (as CaCO ₃)	212	mg/L
OLFSEEP8	7/18/2022	pH	6.58	s.u.
OLFSEEP8	7/18/2022	Specific conductance	1239	μS/cm
OLFSEEP8	7/18/2022	Temperature	21.1	°C
OLFSEEP8	7/18/2022	Turbidity	104	NTU
PLFSEEPINF	7/18/2022	Alkalinity, total (as CaCO ₃)	689	mg/L

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

Location Code	Date Sampled	Parameter	Result	Unit
PLFSEEPINF	7/18/2022	pH	6.6	s.u.
PLFSEEPINF	7/18/2022	Specific conductance	1427	μS/cm
PLFSEEPINF	7/18/2022	Temperature	20.57	°C
PLFSEEPINF	7/18/2022	Turbidity	1.12	NTU
PLFSYSEFF	7/18/2022	Alkalinity, total (as CaCO ₃)	608	mg/L
PLFSYSEFF	7/18/2022	pH	6.96	s.u.
PLFSYSEFF	7/18/2022	Specific conductance	1301	μS/cm
PLFSYSEFF	7/18/2022	Temperature	19.61	°C
PLFSYSEFF	7/18/2022	Turbidity	29.2	NTU
WOMPOC	7/30/2022	Alkalinity, total (as CaCO ₃)	236	mg/L
WOMPOC	7/30/2022	pH	7.2	s.u.
WOMPOC	7/30/2022	Specific conductance	749	μS/cm
WOMPOC	7/30/2022	Temperature	21.73	°C
WOMPOC	7/30/2022	Turbidity	1.35	NTU

Abbreviations:

CaCO₃ = calcium carbonate

mg/L = milligrams per liter

μS/cm = microsiemens per centimeter

NTU = nephelometric turbidity units

s.u. = standard unit