

PFAS Monitoring Report Rocky Flats Site, Colorado Third Quarter 2023

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U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

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

1.0 Introduction

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

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

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

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

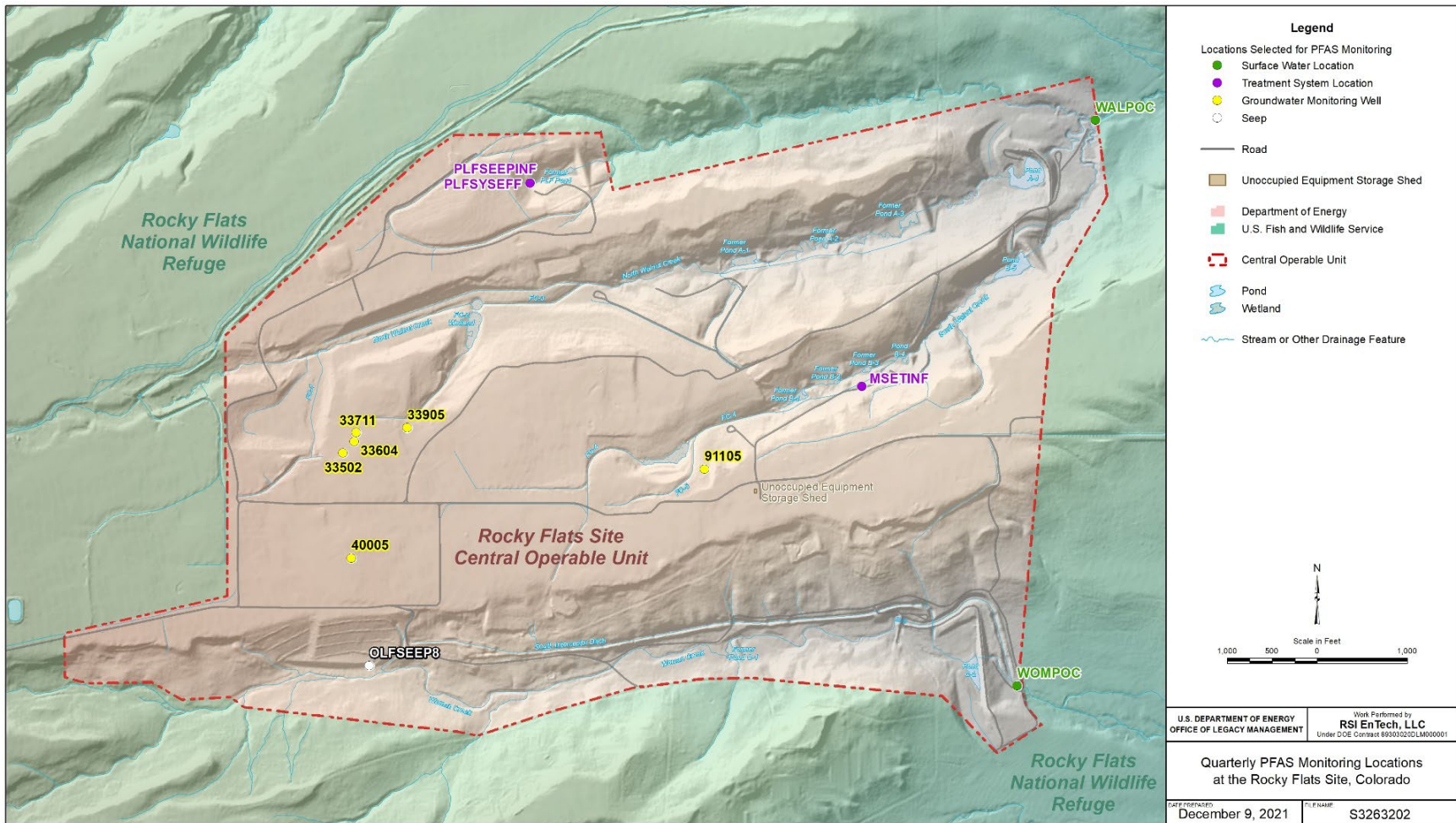


Figure 1. Central Operable Unit with PFAS Sampling Locations

2.0 Monitoring Highlights: Third Quarter CY 2023

The Woman Creek and Walnut Creek surface-water locations, WOMPOC and WALPOC respectively, were both dry during the third-quarter sampling event and in subsequent attempts to collect samples from these locations. All other locations were successfully sampled. Sampling events are summarized in Table 1.

Table 1. Sampling Events in Third Quarter 2023

Location ID		Sample ID	Sample Date and Time	Sample Type
Actual	Dummy ^a			
33502		RFS01-15.2307024-007	7/19/2023 10:50	F
33502	2788	RFS01-15.2307024-006	7/19/2023 10:30	E
33604		RFS01-15.2307024-015	7/19/2023 11:30	F
33711		RFS01-15.2307024-016	7/19/2023 12:00	F
33905		RFS01-15.2307024-017	7/19/2023 12:40	F
40005		RFS01-15.2307024-008	7/19/2023 9:50	F
40005	2783	RFS01-15.2307024-002	7/19/2023 9:50	D
40005	2785	RFS01-15.2307024-004	7/19/2023 9:30	FB
91105		RFS01-15.2307024-009	7/19/2023 13:20	F
MSETINF		RFS01-15.2307024-010	7/20/2023 8:30	F
MSETINF	2784	RFS01-15.2307024-003	7/20/2023 8:30	D
OLFSEEP8		RFS01-15.2307024-011	7/19/2023 8:45	F
OLFSEEP8	2770	RFS01-15.2307024-001	7/19/2023 8:45	D
PLFSEEPINF		RFS01-15.2307024-012	7/20/2023 9:10	F
PLFSYSEFF		RFS01-15.2307024-018	7/20/2023 9:00	F

Note:

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

Abbreviations:

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

3.0 Analytical Data: Third Quarter CY 2023

Analytical data for the third quarter of CY 2023 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, 2020, and 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	7/19/2023 9:30	RFS01-15.2307024-004	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	FB	0.37	U		0.37	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	27619-97-2	6:2 fluorotelomersulfonic acid	FB	0.39	U		0.39	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	39108-34-4	8:2 fluorotelomersulfonic acid	FB	0.64	U		0.64	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	FB	0.35	U		0.35	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	FB	0.48	U		0.48	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	13252-13-6	Perfluoro-2-propoxypropionic acid	FB	0.71	U		0.71	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	375-73-5	Perfluorobutanesulfonic acid (PFBS)	FB	0.35	U		0.35	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	375-22-4	Perfluorobutanoic acid (PFBA)	FB	0.25	U		0.25	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	335-77-3	Perfluorodecanesulfonic acid (PFDS)	FB	0.57	U		0.57	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	335-76-2	Perfluorodecanoic acid (PFDA)	FB	0.34	U		0.34	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	307-55-1	Perfluorododecanoic acid (PFDoA)	FB	0.43	U		0.43	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	FB	0.73	U		0.73	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	375-85-9	Perfluoroheptanoic acid (PFHpA)	FB	0.5	U		0.5	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	FB	0.39	U		0.39	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	307-24-4	Perfluorohexanoic acid (PFHxA)	FB	0.57	U		0.57	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	FB	0.54	U		0.54	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	FB	0.62	U	J	0.62	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	FB	0.68	U		0.68	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	375-95-1	Perfluorononanoic acid (PFNA)	FB	0.58	U		0.58	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	754-91-6	Perfluorooctane Sulfonamide (FOSA)	FB	0.54	U		0.54	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	FB	0.6	U		0.6	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	335-67-1	Perfluorooctanoic acid (PFOA)	FB	0.58	U		0.58	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	FB	0.53	U		0.53	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	2706-90-3	Perfluoropentanoic acid (PFPeA)	FB	0.25	U		0.25	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	376-06-7	Perfluorotetradecanoic acid (PFTeA)	FB	0.53	U		0.53	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	FB	0.71	U		0.71	PFC_IDA_DOD5.3
2785	QC	7/19/2023 9:30	RFS01-15.2307024-004	2058-94-8	Perfluoroundecanoic acid (PFUnA)	FB	0.76	U		0.76	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	E	0.35	U		0.35	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	27619-97-2	6:2 fluorotelomersulfonic acid	E	0.37	U		0.37	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	39108-34-4	8:2 fluorotelomersulfonic acid	E	0.6	U		0.6	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	E	0.33	U		0.33	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	E	0.45	U		0.45	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	13252-13-6	Perfluoro-2-propoxypropionic acid	E	0.67	U		0.67	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	375-73-5	Perfluorobutanesulfonic acid (PFBS)	E	0.33	U		0.33	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	375-22-4	Perfluorobutanoic acid (PFBA)	E	0.23	U		0.23	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	335-77-3	Perfluorodecanesulfonic acid (PFDS)	E	0.54	U		0.54	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	335-76-2	Perfluorodecanoic acid (PFDA)	E	0.32	U		0.32	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	307-55-1	Perfluorododecanoic acid (PFDoA)	E	0.41	U		0.41	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	E	0.69	U		0.69	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	375-85-9	Perfluoroheptanoic acid (PFHpA)	E	0.47	U		0.47	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	E	0.37	U		0.37	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	307-24-4	Perfluorohexanoic acid (PFHxA)	E	0.54	U		0.54	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	7/19/2023 10:30	RFS01-15.2307024-006	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	E	0.51	U		0.51	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	E	0.59	U	J	0.59	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	E	0.64	U		0.64	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	375-95-1	Perfluorononanoic acid (PFNA)	E	0.55	U		0.55	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	754-91-6	Perfluorooctane Sulfonamide (FOSA)	E	0.51	U		0.51	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	E	0.57	U		0.57	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	335-67-1	Perfluorooctanoic acid (PFOA)	E	0.55	U		0.55	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	E	0.5	U		0.5	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	2706-90-3	Perfluoropentanoic acid (PFPeA)	E	0.23	U		0.23	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	376-06-7	Perfluorotetradecanoic acid (PFTeA)	E	0.5	U		0.5	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	E	0.67	U		0.67	PFC_IDA_DOD5.3
2788	QC	7/19/2023 10:30	RFS01-15.2307024-006	2058-94-8	Perfluoroundecanoic acid (PFUnA)	E	0.71	U		0.71	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.35	U		0.35	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	27619-97-2	6:2 fluorotelomersulfonic acid	F	34		J	0.37	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	39108-34-4	8:2 fluorotelomersulfonic acid	F	18			0.6	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.33	U		0.33	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.45	U		0.45	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.67	U		0.67	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	62	U X	J	62	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	375-22-4	Perfluorobutanoic acid (PFBA)	F	54			0.23	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.54	U		0.54	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	335-76-2	Perfluorodecanoic acid (PFDA)	F	3.5			0.32	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.41	U		0.41	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	4			0.69	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	93			0.47	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	140			0.37	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	307-24-4	Perfluorohexanoic acid (PFHxA)	F	110			0.54	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.59	U	J	0.59	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.64	U		0.64	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	375-95-1	Perfluorononanoic acid (PFNA)	F	11			0.55	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	260			0.57	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	335-67-1	Perfluorooctanoic acid (PFOA)	F	90			0.55	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	21			0.5	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	140		J	0.23	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.5	U		0.5	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.67	U		0.67	PFC_IDA_DOD5.3
33502	WL	7/19/2023 10:50	RFS01-15.2307024-007	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.71	U		0.71	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.37	U		0.37	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	27619-97-2	6:2 fluorotelomersulfonic acid	F	38		J	0.39	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.64	U		0.64	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
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.35	U		0.35	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.47	U		0.47	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.71	U		0.71	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	13			0.35	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	375-22-4	Perfluorobutanoic acid (PFBA)	F	72			0.25	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.57	U		0.57	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.41	J		0.34	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	1.6	J		0.73	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	54			0.49	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	77			0.39	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	307-24-4	Perfluorohexanoic acid (PFHxA)	F	97			0.57	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.54	U		0.54	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.62	U	J	0.62	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.68	U		0.68	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	375-95-1	Perfluorononanoic acid (PFNA)	F	1.7	J		0.58	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.54	U		0.54	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	20		J	0.6	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	335-67-1	Perfluorooctanoic acid (PFOA)	F	59			0.58	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	13			0.53	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	110			0.25	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.53	U		0.53	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.71	U		0.71	PFC_IDA_DOD5.3
33604	WL	7/19/2023 11:30	RFS01-15.2307024-015	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.75	U		0.75	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.39	U		0.39	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.69	J	J	0.41	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.66	U		0.66	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.36	U		0.36	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.49	U		0.49	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.74	U		0.74	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	18			0.36	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	375-22-4	Perfluorobutanoic acid (PFBA)	F	33		J	0.26	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.59	U		0.59	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.46	J		0.35	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.45	U		0.45	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.76	U		0.76	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	9.4			0.51	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	8.7			0.41	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	307-24-4	Perfluorohexanoic acid (PFHxA)	F	9.5			0.59	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.56	U		0.56	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.64	U	J	0.64	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.71	U		0.71	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	7/19/2023 12:00	RFS01-15.2307024-016	375-95-1	Perfluorononanoic acid (PFNA)	F	4.9			0.6	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.56	U		0.56	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	6.1			0.62	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	335-67-1	Perfluorooctanoic acid (PFOA)	F	14			0.6	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	1.9	J		0.55	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	12			0.26	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.55	U		0.55	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.74	U		0.74	PFC_IDA_DOD5.3
33711	WL	7/19/2023 12:00	RFS01-15.2307024-016	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.78	U		0.78	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.93	J	J	0.35	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.57	U		0.57	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.42	U		0.42	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.64	U		0.64	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	18			0.31	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	375-22-4	Perfluorobutanoic acid (PFBA)	F	51			0.22	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.51	U		0.51	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.79	J		0.3	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.39	U		0.39	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	3.4			0.65	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	57			0.44	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	120			0.35	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	307-24-4	Perfluorohexanoic acid (PFHxA)	F	76			0.51	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.55	U	J	0.55	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.61	U		0.61	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	375-95-1	Perfluorononanoic acid (PFNA)	F	5.2			0.52	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.48	J		0.48	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	140			0.53	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	335-67-1	Perfluorooctanoic acid (PFOA)	F	44			0.52	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	16			0.47	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	110			0.22	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.64	U		0.64	PFC_IDA_DOD5.3
33905	WL	7/19/2023 12:40	RFS01-15.2307024-017	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.67	U		0.67	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.35	U		0.35	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	0.34	U		0.34	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.37	U		0.37	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	27619-97-2	6:2 fluorotelomersulfonic acid	D	0.36	U		0.36	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.61	U		0.61	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	39108-34-4	8:2 fluorotelomersulfonic acid	D	0.59	U		0.59	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	7/19/2023 9:50	RFS01-15.2307024-008	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.33	U		0.33	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.32	U		0.32	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.45	U		0.45	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.44	U		0.44	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.68	U		0.68	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.66	U		0.66	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	3.9			0.33	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	3.5			0.32	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	375-22-4	Perfluorobutanoic acid (PFBA)	F	9.3			0.24	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	375-22-4	Perfluorobutanoic acid (PFBA)	D	8.7			0.23	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.54	U		0.54	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.52	U		0.52	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.51	J		0.32	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.59	J	J	0.31	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.41	U		0.41	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.4	U		0.4	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.7	U		0.7	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	0.67	U		0.67	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	8.5			0.47	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	8.1			0.46	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	12			0.37	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	11			0.36	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	307-24-4	Perfluorohexanoic acid (PFHxA)	F	16			0.54	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	307-24-4	Perfluorohexanoic acid (PFHxA)	D	15			0.52	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	0.49	U		0.49	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.59	U	J	0.59	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	0.57	U	J	0.57	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.65	U		0.65	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	0.63	U		0.63	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	375-95-1	Perfluorononanoic acid (PFNA)	F	1.3	J		0.55	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	375-95-1	Perfluorononanoic acid (PFNA)	D	1.3	J		0.53	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	754-91-6	Perfluorooctane Sulfonamide (FOSA)	D	0.49	U		0.49	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	24			0.57	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	23			0.55	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	335-67-1	Perfluorooctanoic acid (PFOA)	F	20			0.55	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	335-67-1	Perfluorooctanoic acid (PFOA)	D	19			0.53	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	2.2			0.5	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	D	1.9			0.48	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	17			0.24	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	16			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
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.5	U		0.5	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.48	U		0.48	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.68	U		0.68	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	0.66	U		0.66	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-008	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.72	U		0.72	PFC_IDA_DOD5.3
40005	WL	7/19/2023 9:50	RFS01-15.2307024-002	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.69	U		0.69	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.35	U		0.35	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.37	U		0.37	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.61	U		0.61	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.33	U		0.33	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.45	U		0.45	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.67	U		0.67	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	5.7			0.33	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	375-22-4	Perfluorobutanoic acid (PFBA)	F	15			0.23	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.54	U		0.54	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.32	U		0.32	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.41	U		0.41	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.69	U		0.69	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.98	J		0.47	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	0.65	J	J	0.37	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	307-24-4	Perfluorohexanoic acid (PFHxA)	F	2.8			0.54	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.59	U	J	0.59	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.64	U		0.64	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	375-95-1	Perfluorononanoic acid (PFNA)	F	0.55	U		0.55	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	2.1		J	0.57	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	335-67-1	Perfluorooctanoic acid (PFOA)	F	1.8	J		0.55	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.5	U		0.5	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	2.6			0.23	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.5	U		0.5	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.67	U		0.67	PFC_IDA_DOD5.3
91105	WL	7/19/2023 13:20	RFS01-15.2307024-009	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.71	U		0.71	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	0.34	U		0.34	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.35	U		0.35	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	27619-97-2	6:2 fluorotelomersulfonic acid	D	0.36	U		0.36	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.56	U		0.56	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	39108-34-4	8:2 fluorotelomersulfonic acid	D	0.59	U		0.59	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.32	U		0.32	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.42	U		0.42	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	7/20/2023 8:30	RFS01-15.2307024-003	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.44	U		0.44	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.63	U		0.63	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.66	U		0.66	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	0.67	J		0.31	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	0.82	J		0.32	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	375-22-4	Perfluorobutanoic acid (PFBA)	F	12			0.22	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	375-22-4	Perfluorobutanoic acid (PFBA)	D	12		J	0.23	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.5	U		0.5	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.52	U		0.52	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.3	U		0.3	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.31	U		0.31	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.38	U		0.38	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.4	U		0.4	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.65	U		0.65	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	0.67	U		0.67	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	0.51	J	J	0.44	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	0.51	J		0.46	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	0.42	J		0.35	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	0.45	J		0.36	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	307-24-4	Perfluorohexanoic acid (PFHxA)	F	0.64	J		0.5	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	307-24-4	Perfluorohexanoic acid (PFHxA)	D	0.7	J		0.52	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	0.49	U		0.49	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.55	U	J	0.55	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	0.57	U	J	0.57	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.6	U		0.6	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	0.63	U		0.63	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	375-95-1	Perfluorononanoic acid (PFNA)	F	0.51	U		0.51	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	375-95-1	Perfluorononanoic acid (PFNA)	D	0.53	U		0.53	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.48	J		0.47	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	754-91-6	Perfluorooctane Sulfonamide (FOSA)	D	0.49	U		0.49	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	0.66	J	J	0.53	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	0.88	J	J	0.55	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	335-67-1	Perfluorooctanoic acid (PFOA)	F	1.3	J		0.51	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	335-67-1	Perfluorooctanoic acid (PFOA)	D	1.2	J		0.53	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.46	U		0.46	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	D	0.48	U		0.48	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	1.1	J		0.22	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	1.2	J		0.23	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.46	U		0.46	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.48	U		0.48	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.63	U		0.63	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	7/20/2023 8:30	RFS01-15.2307024-003	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	0.66	U		0.66	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-010	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.66	U		0.66	PFC_IDA_DOD5.3
MSETINF	TS	7/20/2023 8:30	RFS01-15.2307024-003	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.69	U		0.69	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	D	0.36	U		0.36	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	27619-97-2	6:2 fluorotelomersulfonic acid	F	0.35	U		0.35	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	27619-97-2	6:2 fluorotelomersulfonic acid	D	0.38	U		0.38	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	39108-34-4	8:2 fluorotelomersulfonic acid	F	0.57	U		0.57	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	39108-34-4	8:2 fluorotelomersulfonic acid	D	0.61	U		0.61	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	0.31	U		0.31	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	D	0.34	U		0.34	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.42	U		0.42	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	D	0.46	U		0.46	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.64	U		0.64	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	13252-13-6	Perfluoro-2-propoxypropionic acid	D	0.68	U		0.68	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	12			0.31	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	375-73-5	Perfluorobutanesulfonic acid (PFBS)	D	11			0.34	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	375-22-4	Perfluorobutanoic acid (PFBA)	F	25			0.22	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	375-22-4	Perfluorobutanoic acid (PFBA)	D	24			0.24	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.51	U		0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	335-77-3	Perfluorodecanesulfonic acid (PFDS)	D	0.55	U		0.55	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.3	U		0.3	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	335-76-2	Perfluorodecanoic acid (PFDA)	D	0.33	U		0.33	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.39	U		0.39	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	307-55-1	Perfluorododecanoic acid (PFDoA)	D	0.42	U		0.42	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.65	U		0.65	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	D	0.7	U		0.7	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	6.6			0.44	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	375-85-9	Perfluoroheptanoic acid (PFHpA)	D	6.2			0.48	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	14			0.35	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	D	14			0.38	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	307-24-4	Perfluorohexanoic acid (PFHxA)	F	17			0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	307-24-4	Perfluorohexanoic acid (PFHxA)	D	16			0.55	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	D	0.52	U		0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.55	U	J	0.55	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	D	0.6	U	J	0.6	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.61	U		0.61	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	D	0.65	U		0.65	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	375-95-1	Perfluorononanoic acid (PFNA)	F	0.55	J		0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	375-95-1	Perfluorononanoic acid (PFNA)	D	0.57	J		0.56	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.48	U		0.48	PFC_IDA_DOD5.3

Table 2. Analytical Results for Water Samples (continued)

Location Code	Location Type	Date Sampled	Sample Code	CAS No.	Analyte	Sample Type	Result (ng/L)	Lab Qualifier	Data Validation Qualifier	Detection Limit (ng/L)	Analytical Method
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	754-91-6	Perfluorooctane Sulfonamide (FOSA)	D	0.52	U		0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	3.8		J	0.53	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	D	3.5		J	0.58	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	335-67-1	Perfluorooctanoic acid (PFOA)	F	10			0.52	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	335-67-1	Perfluorooctanoic acid (PFOA)	D	10			0.56	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	6.4			0.47	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	D	5.9			0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	23			0.22	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	2706-90-3	Perfluoropentanoic acid (PFPeA)	D	23			0.24	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	376-06-7	Perfluorotetradecanoic acid (PFTeA)	D	0.51	U		0.51	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.64	U		0.64	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	D	0.68	U		0.68	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-011	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.67	U		0.67	PFC_IDA_DOD5.3
OLFSEEP8	SL	7/19/2023 8:45	RFS01-15.2307024-001	2058-94-8	Perfluoroundecanoic acid (PFUnA)	D	0.72	U		0.72	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.33	U		0.33	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	27619-97-2	6:2 fluorotelomersulfonic acid	F	2.4	J	J	0.35	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	39108-34-4	8:2 fluorotelomersulfonic acid	F	2.3			0.58	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	25			0.32	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	0.94	J		0.43	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.64	U		0.64	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	8.7	U X	J	8.7	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	375-22-4	Perfluorobutanoic acid (PFBA)	F	110		J	0.22	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.79	J		0.51	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	335-76-2	Perfluorodecanoic acid (PFDA)	F	1	J		0.31	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.39	U		0.39	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.66	U		0.66	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	20			0.45	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	18			0.35	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	307-24-4	Perfluorohexanoic acid (PFHxA)	F	45			0.51	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.48	U		0.48	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.56	U	J	0.56	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.61	U		0.61	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	375-95-1	Perfluorononanoic acid (PFNA)	F	1.1	J		0.52	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.84	J		0.48	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	27			0.54	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	335-67-1	Perfluorooctanoic acid (PFOA)	F	74			0.52	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	2.3		J	0.47	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	25			0.22	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.47	U		0.47	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.64	U		0.64	PFC_IDA_DOD5.3
PLFSEEPINF	TS	7/20/2023 9:10	RFS01-15.2307024-012	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.68	U		0.68	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	7/20/2023 9:00	RFS01-15.2307024-018	757124-72-4	4:2 Fluorotelomer sulfonate (4:2 FTS)	F	0.37	U		0.37	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	27619-97-2	6:2 fluorotelomersulfonic acid	F	1.9	J	J	0.39	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	39108-34-4	8:2 fluorotelomersulfonic acid	F	1.7	J		0.63	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	F	19			0.35	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid	F	1	J		0.47	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	13252-13-6	Perfluoro-2-propoxypropionic acid	F	0.7	U		0.7	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	375-73-5	Perfluorobutanesulfonic acid (PFBS)	F	4.5	U X	J	4.5	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	375-22-4	Perfluorobutanoic acid (PFBA)	F	80		J	0.24	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	335-77-3	Perfluorodecanesulfonic acid (PFDS)	F	0.56	U		0.56	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	335-76-2	Perfluorodecanoic acid (PFDA)	F	0.55	J		0.34	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	307-55-1	Perfluorododecanoic acid (PFDoA)	F	0.43	U		0.43	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	F	0.72	U		0.72	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	375-85-9	Perfluoroheptanoic acid (PFHpA)	F	15			0.49	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	F	17			0.39	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	307-24-4	Perfluorohexanoic acid (PFHxA)	F	37			0.56	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	67905-19-5	Perfluoro-n-hexadecanoic acid (PFHxDA)	F	0.53	U	J	0.53	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	16517-11-6	Perfluoro-n-octadecanoic acid (PFODA)	F	0.61	U	J	0.61	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	68259-12-1	Perfluorononane Sulfonic acid (PFNS)	F	0.67	U		0.67	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	375-95-1	Perfluorononanoic acid (PFNA)	F	0.99	J		0.57	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	754-91-6	Perfluorooctane Sulfonamide (FOSA)	F	0.69	J		0.53	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	F	19			0.59	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	335-67-1	Perfluorooctanoic acid (PFOA)	F	55			0.57	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	2706-91-4	Perfluoropentane Sulfonic acid (PFPS)	F	0.9	J	J	0.52	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	2706-90-3	Perfluoropentanoic acid (PFPeA)	F	18		J	0.24	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	376-06-7	Perfluorotetradecanoic acid (PFTeA)	F	0.52	U		0.52	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	F	0.7	U		0.7	PFC_IDA_DOD5.3
PLFSYSEFF	TS	7/20/2023 9:00	RFS01-15.2307024-018	2058-94-8	Perfluoroundecanoic acid (PFUnA)	F	0.74	U		0.74	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 location

U = analytical result below detection limit

WL = well

X = indicates the presumptive evidence of a compound; due to matrix interferences, the reporting limit was raised to be equal to the matrix interference

Table 3. Field Parameter Results for Water Samples

Location Code	Date Sampled	Parameter	Result	Unit
33502	7/19/2023 10:50	Alkalinity, Total (As CaCO3)	897	mg/L
33502	7/19/2023 10:50	pH	7.27	s.u.
33502	7/19/2023 10:50	Specific Conductance	2368	µmho/cm
33502	7/19/2023 10:50	Temperature	17.8	C
33502	7/19/2023 10:50	Turbidity	5.6	NTU
33604	7/19/2023 11:30	Alkalinity, Total (As CaCO3)	460	mg/L
33604	7/19/2023 11:30	pH	6.59	s.u.
33604	7/19/2023 11:30	Specific Conductance	1991	µmho/cm
33604	7/19/2023 11:30	Temperature	16.1	C
33604	7/19/2023 11:30	Turbidity	1.2	NTU
33711	7/19/2023 12:00	Alkalinity, Total (As CaCO3)	468	mg/L
33711	7/19/2023 12:00	pH	7.03	s.u.
33711	7/19/2023 12:00	Specific Conductance	2417	µmho/cm
33711	7/19/2023 12:00	Temperature	19.6	C
33711	7/19/2023 12:00	Turbidity	7.5	NTU
33905	7/19/2023 12:40	Alkalinity, Total (As CaCO3)	258	mg/L
33905	7/19/2023 12:40	pH	7.31	s.u.
33905	7/19/2023 12:40	Specific Conductance	921	µmho/cm
33905	7/19/2023 12:40	Temperature	17.2	C
33905	7/19/2023 12:40	Turbidity	2.6	NTU
40005	7/19/2023 9:50	Alkalinity, Total (As CaCO3)	163	mg/L
40005	7/19/2023 9:50	pH	6.33	s.u.
40005	7/19/2023 9:50	Specific Conductance	2158	µmho/cm
40005	7/19/2023 9:50	Temperature	15.6	C
40005	7/19/2023 9:50	Turbidity	13.8	NTU
91105	7/19/2023 13:20	Alkalinity, Total (As CaCO3)	280	mg/L
91105	7/19/2023 13:20	pH	6.93	s.u.
91105	7/19/2023 13:20	Specific Conductance	1539	µmho/cm
91105	7/19/2023 13:20	Temperature	15.1	C
91105	7/19/2023 13:20	Turbidity	2.0	NTU
MSETINF	7/20/2023 8:30	Alkalinity, Total (As CaCO3)	263	mg/L
MSETINF	7/20/2023 8:30	pH	6.62	s.u.
MSETINF	7/20/2023 8:30	Specific Conductance	1547	µmho/cm
MSETINF	7/20/2023 8:30	Temperature	16.9	C
MSETINF	7/20/2023 8:30	Turbidity	1.2	NTU
OLFSEEP8	7/19/2023 8:45	Alkalinity, Total (As CaCO3)	305	mg/L
OLFSEEP8	7/19/2023 8:45	pH	6.91	s.u.
OLFSEEP8	7/19/2023 8:45	Specific Conductance	719	µmho/cm
OLFSEEP8	7/19/2023 8:45	Temperature	20.7	C
OLFSEEP8	7/19/2023 8:45	Turbidity	9.1	NTU

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

Location Code	Date Sampled	Parameter	Result	Unit
PLFSEEPINF	7/20/2023 9:10	Alkalinity, Total (As CaCO ₃)	767	mg/L
PLFSEEPINF	7/20/2023 9:10	pH	6.63	s.u.
PLFSEEPINF	7/20/2023 9:10	Specific Conductance	1436	µmho/cm
PLFSEEPINF	7/20/2023 9:10	Temperature	16.0	C
PLFSEEPINF	7/20/2023 9:10	Turbidity	1.8	NTU
PLFSYSEFF	7/20/2023 9:00	Alkalinity, Total (As CaCO ₃)	668	mg/L
PLFSYSEFF	7/20/2023 9:00	pH	7.03	s.u.
PLFSYSEFF	7/20/2023 9:00	Specific Conductance	1267	µmho/cm
PLFSYSEFF	7/20/2023 9:00	Temperature	17.7	C
PLFSYSEFF	7/20/2023 9:00	Turbidity	27.4	NTU

Abbreviations:

C = Celsius

CaCO₃ = calcium carbonate

µmho/cm = micromhos per centimeter

mg/L = milligrams per liter

NTU = nephelometric turbidity units

s.u. = standard unit