

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

KOMAN, PFAS RI, New MW Baseline-Area 1

AOC 75, Former Building T-1445 Warehouse Fire

Locations:	75MW-19-01BR	75MW-19-02A	75MW-19-02B	75MW-19-02B (FD)	75MW-19-02BR
Field Sample ID:	75MW-19-01BR_MAR20	75MW-19-02A_MAR20	75MW-19-02B_MAR20	75MW-DUP-01_MAR20	75MW-19-02BR-MAR20
Sample Begin Depth:	35.00	37.50	70.00	70.00	308.00
Sample End Depth:	45.00	47.50	80.00	80.00	318.00
Sample Date:	03/11/2020	03/10/2020	03/10/2020	03/10/2020	03/26/2020

Gen. Chemistry (mg/L)

Total Organic Carbon	-	0.880 J	-	-	-
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PFAS (ng/L)

6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	18.0 U	18.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	8.80 U	8.80 U	9.50 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	8.80 U	8.80 U	9.50 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	8.80 U	8.80 U	9.50 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	0.720 J	3.40	2.70	2.60	0.970 U
Perfluorodecanoic acid (PFDA)	1.00 U	0.880 U	0.880 U	0.950 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.30 U	1.30 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	3.30	12.0	5.20	5.40	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	5.10	250	180	180	1.40 J
Perfluorohexanoic acid (PFHxA)	3.00	29.0	11.0	9.80	1.30 J
Perfluorononanoic acid (PFNA)	0.580 J	1.30 U	1.30 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.10 J	200	160	160	2.90 U
Perfluorooctanoic acid (PFOA)	7.70	37.0	29.0	29.0	1.40 J
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.60 U	2.70 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTTrDA)	3.00 U	2.60 U	2.70 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.30 U	1.30 U	1.40 U	1.40 U

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	Locations: 75MW-19-02C	75MW-19-04A	75MW-19-04B
Field Sample ID:	75MW-19-02C_MAR20	75MW-19-04A_MAR20	75MW-19-04B_MAR20
Sample Begin Depth:	210.00	20.00	50.00
Sample End Depth:	220.00	30.00	60.00
Sample Date:	03/10/2020	03/10/2020	03/11/2020
Gen. Chemistry (mg/L)			
Total Organic Carbon	-	0.510 J	-
PFAS (ng/L)			
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	17.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.80 U	8.40 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.80 U	8.40 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.80 U	8.40 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	0.630 J	9.10	0.980 J
Perfluorodecanoic acid (PFDA)	0.880 U	0.840 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.30 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	4.70	23.0	1.70 J
Perfluorohexanesulfonic acid (PFHxS)	9.30	680	14.0
Perfluorohexanoic acid (PFHxA)	6.00	71.0	2.30
Perfluorononanoic acid (PFNA)	1.30 U	1.30 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	6.00	530	2.20 J
Perfluorooctanoic acid (PFOA)	4.40	170	1.90
Perfluorotetradecanoic acid (PFTA)	2.60 U	2.50 U	2.90 U
Perfluorotridecanoic acid (PFTTrDA)	2.60 U	2.50 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.30 U	1.40 U

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KOMAN, PFAS RI, New MW VP-Area 1

AOX 75, Former Building T-1445 Warehouse Fire

	75MW-19-02	75MW-19-02	75MW-19-02	75MW-19-02	75MW-19-02
Locations:	75MW-19-02	75MW-19-02	75MW-19-02	75MW-19-02	75MW-19-02
Field Sample ID:	75MW-19-02-105-110	75MW-19-02-115-120	75MW-19-02-125-130	75MW-19-02-135-140	75MW-19-02-145-150
Sample Begin Depth:	105.00	115.00	125.00	135.00	145.00
Sample End Depth:	110.00	120.00	130.00	140.00	150.00
Sample Date:	12/23/2019	12/27/2019	12/27/2019	01/02/2020	01/02/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.30 U	9.40 U	9.50 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.30 U	9.40 U	9.50 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.30 U	9.40 U	9.50 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	1.30 J	1.90	0.450 J	0.950 U	0.960 U
Perfluorodecanoic acid (PFDA)	0.940 U	0.930 U	0.940 U	0.950 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.90	9.00	0.620 J	1.10 J	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	20.0	25.0	2.60	3.10	0.530 J
Perfluorohexanoic acid (PFHxA)	6.80	11.0	0.680 J	1.40 J	0.960 U
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	15.0	8.00	2.80 U	2.80 U	2.90 U
Perfluorooctanoic acid (PFOA)	7.20	10.0	0.680 J	1.20 J	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 75MW-19-02	75MW-19-02	75MW-19-02	75MW-19-02	75MW-19-02
Field Sample ID:	75MW-19-02-155-160	75MW-19-02-165-170	75MW-19-02-175-180	75MW-19-02-185-190	75MW-19-02-195-200
Sample Begin Depth:	155.00	165.00	175.00	185.00	195.00
Sample End Depth:	160.00	170.00	180.00	190.00	200.00
Sample Date:	01/03/2020	01/03/2020	01/03/2020	01/06/2020	01/07/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	19.0 U	19.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.60 U	9.70 U	10.0 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.60 U	9.70 U	10.0 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.60 U	9.70 U	10.0 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.00 U	0.960 U	0.970 U	1.00 U	1.40 J
Perfluorodecanoic acid (PFDA)	1.00 U	0.960 U	0.970 U	1.00 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.40 U	1.50 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.60 U	1.40 U	1.50 U	1.50 U	3.60
Perfluorohexanesulfonic acid (PFHxS)	1.10 J	0.960 U	0.450 J	1.00 U	9.00
Perfluorohexanoic acid (PFHxA)	0.800 J	0.960 U	0.970 U	0.680 J	8.80
Perfluorononanoic acid (PFNA)	0.650 J	1.40 U	1.50 U	1.50 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	3.10 U	2.90 U	2.90 U	3.00 U	1.10 J
Perfluorooctanoic acid (PFOA)	0.680 J	1.40 U	1.50 U	0.690 J	2.00
Perfluorotetradecanoic acid (PFTA)	3.10 U	2.90 U	2.90 U	3.00 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	2.90 U	2.90 U	3.00 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.40 U	1.50 U	1.50 U	1.50 U

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	Locations: 75MW-19-02	75MW-19-02	75MW-19-02	75MW-19-02	75MW-19-02
Field Sample ID:	75MW-19-02-205-210	75MW-19-02-215-220	75MW-19-02-225-230	75MW-19-02-235-240	75MW-19-02-245-250
Sample Begin Depth:	205.00	215.00	225.00	235.00	245.00
Sample End Depth:	210.00	220.00	230.00	240.00	250.00
Sample Date:	01/08/2020	01/08/2020	01/09/2020	01/09/2020	01/10/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	19.0 U	19.0 U	22.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.60 U	9.70 U	9.60 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.60 U	9.70 U	9.60 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.60 U	9.70 U	9.60 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	2.50	2.10	2.20	0.960 U	1.10 U
Perfluorodecanoic acid (PFDA)	0.980 U	0.960 U	0.970 U	0.960 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.50 U	1.40 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	12.0	16.0	13.0	1.40 U	1.60 U
Perfluorohexanesulfonic acid (PFHxS)	25.0	29.0	16.0	0.380 J	1.10 U
Perfluorohexanoic acid (PFHxA)	18.0	19.0	18.0	0.960 U	1.10 U
Perfluorononanoic acid (PFNA)	1.50 U	0.690 J	1.50 U	1.40 U	1.60 U
Perfluorooctanesulfonic acid (PFOS)	7.20	16.0	3.30 J	2.90 U	3.30 U
Perfluorooctanoic acid (PFOA)	8.00	13.0	9.00	1.40 U	1.60 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.90 U	2.90 U	3.30 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.90 U	2.90 U	3.30 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.50 U	1.40 U	1.60 U

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Locations:	75MW-19-02	75MW-19-02 (FD)
Field Sample ID:	75MW-19-02-95-100	A1-VP-FD-11020
Sample Begin Depth:	95.00	245.00
Sample End Depth:	100.00	250.00
Sample Date:	12/23/2019	01/10/2020

PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	22.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	1.50 J	1.10 U
Perfluorodecanoic acid (PFDA)	0.980 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.70 U
Perfluoroheptanoic acid (PFHpA)	4.30	1.70 U
Perfluorohexanesulfonic acid (PFHxS)	23.0	1.10 U
Perfluorohexanoic acid (PFHxA)	6.60	1.10 U
Perfluorononanoic acid (PFNA)	1.50 U	1.70 U
Perfluorooctanesulfonic acid (PFOS)	4.20	3.30 U
Perfluorooctanoic acid (PFOA)	5.30	1.70 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	3.30 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	3.30 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.70 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

KOMAN, PFAS RI, Vertical Profile Samples-Area 1

AOX 75, Former Building T-1445 Warehouse Fire

	Locations: 75VP-18-01	75VP-18-01	75VP-18-01	75VP-18-01	75VP-18-01
Field Sample ID:	75VP-18-01-102-106	75VP-18-01-22-26	75VP-18-01-32-36	75VP-18-01-42-46	75VP-18-01-52-56
Sample Begin Depth:	102.00	22.00	32.00	42.00	52.00
Sample End Depth:	106.00	26.00	36.00	46.00	56.00
Sample Date:	10/25/2018	10/24/2018	10/24/2018	10/24/2018	10/24/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.1 U	19.4 U	19.6 U	19.1 U	19.5 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.05 U	9.68 U	9.78 U	9.57 U	9.75 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.05 U	9.68 U	9.78 U	9.57 U	9.75 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.05 U	9.68 U	9.78 U	9.57 U	9.75 U
Perfluorobutanesulfonic acid (PFBS)	2.55	1.32 J	1.28 J	0.802 J	0.758 J
Perfluorodecanoic acid (PFDA)	0.905 U	0.968 U	0.978 U	0.957 U	0.975 U
Perfluorododecanoic acid (PFDoA)	1.36 U	1.45 U	1.47 U	1.44 U	1.46 U
Perfluoroheptanoic acid (PFHpA)	18.0	6.76	5.21	3.64	4.44
Perfluorohexanesulfonic acid (PFHxS)	30.9	7.59	13.0	12.1	8.10
Perfluorohexanoic acid (PFHxA)	19.1	8.06	6.85	3.81	4.29
Perfluorononanoic acid (PFNA)	1.07 J	1.45 U	1.47 U	1.44 U	1.46 U
Perfluorooctanesulfonic acid (PFOS)	36.8	8.42	21.7	10.2	7.31
Perfluorooctanoic acid (PFOA)	15.0	12.4	16.1	5.79	5.07
Perfluorotetradecanoic acid (PFTA)	2.72 U	2.90 U	2.93 U	2.87 U	2.92 U
Perfluorotridecanoic acid (PFTrDA)	2.72 U	2.90 U	2.93 U	2.87 U	2.92 U
Perfluoroundecanoic acid (PFUnA)	1.36 U	1.45 U	1.47 U	1.44 U	1.46 U

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	Locations: 75VP-18-01	75VP-18-01	75VP-18-01	75VP-18-01	75VP-18-01 (FD)
Field Sample ID:	75VP-18-01-62-66	75VP-18-01-72-76	75VP-18-01-82-86	75VP-18-01-92-96	A1-VP-DUP-R1-102418
Sample Begin Depth:	62.00	72.00	82.00	92.00	22.00
Sample End Depth:	66.00	76.00	86.00	96.00	26.00
Sample Date:	10/24/2018	10/25/2018	10/25/2018	10/25/2018	10/24/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.7 U	19.2 U	19.6 U	19.0 U	19.4 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.85 U	9.60 U	9.78 U	9.52 U	9.71 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.85 U	9.60 U	9.78 U	9.52 U	9.71 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.85 U	9.60 U	9.78 U	9.52 U	9.71 U
Perfluorobutanesulfonic acid (PFBS)	0.982 J	2.19	1.34 J	1.43 J	1.62 J
Perfluorodecanoic acid (PFDA)	0.985 U	0.960 U	0.978 U	0.952 U	0.971 U
Perfluorododecanoic acid (PFDoA)	1.48 U	1.44 U	1.47 U	1.43 U	1.46 U
Perfluoroheptanoic acid (PFHpA)	1.61 J	9.44	3.57	6.42	7.50
Perfluorohexanesulfonic acid (PFHxS)	12.1	26.2	17.3	17.0	7.21
Perfluorohexanoic acid (PFHxA)	2.51	11.0	4.33	8.17	8.77
Perfluorononanoic acid (PFNA)	1.48 U	0.645 J	1.47 U	0.563 J	1.46 U
Perfluorooctanesulfonic acid (PFOS)	7.65	18.5	6.72	13.0	9.02
Perfluorooctanoic acid (PFOA)	2.40	20.3	10.0	8.53	14.5
Perfluorotetradecanoic acid (PFTA)	2.95 U	2.88 U	2.94 U	2.86 U	2.91 U
Perfluorotridecanoic acid (PFTrDA)	2.95 U	2.88 U	2.94 U	2.86 U	2.91 U
Perfluoroundecanoic acid (PFUnA)	1.48 U	1.44 U	1.47 U	1.43 U	1.46 U

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	Locations: 75VP-18-02	75VP-18-02	75VP-18-02	75VP-18-02	75VP-18-02
Field Sample ID:	75VP-18-02-102-106	75VP-18-02-22-26	75VP-18-02-32-36	75VP-18-02-42-46	75VP-18-02-52-56
Sample Begin Depth:	102.00	22.00	32.00	42.00	52.00
Sample End Depth:	106.00	26.00	36.00	46.00	56.00
Sample Date:	10/31/2018	10/29/2018	10/29/2018	10/30/2018	10/30/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	570 U	630 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.30 U	9.00 U	9.50 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.30 U	9.00 U	9.50 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.30 U	9.00 U	9.50 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	2.10	1.20 J	1.10 J	0.810 J	1.50 J
Perfluorodecanoic acid (PFDA)	0.960 U	0.930 U	0.900 U	0.950 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.40 UJ	1.40 UJ	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	21.0	4.80	4.00	7.60	1.30 J
Perfluorohexanesulfonic acid (PFHxS)	35.0	7.10	11.0	8.60	20.0
Perfluorohexanoic acid (PFHxA)	21.0	1.70 J	6.10	8.60	4.60
Perfluorononanoic acid (PFNA)	1.10 J	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	30.0	5.40	53.0	17.0	24.0
Perfluorooctanoic acid (PFOA)	18.0	11.0	7.80	9.70	7.20
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.70 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.70 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

	Locations: 75VP-18-02	75VP-18-02	75VP-18-02	75VP-18-02	75VP-18-02 (FD)
Field Sample ID:	75VP-18-02-62-66	75VP-18-02-72-76	75VP-18-02-82-86	75VP-18-02-92-96	A1-VP-DUP-R2-10302018
Sample Begin Depth:	62.00	72.00	82.00	92.00	92.00
Sample End Depth:	66.00	76.00	86.00	96.00	96.00
Sample Date:	10/30/2018	10/30/2018	10/30/2018	10/30/2018	10/30/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.30 U	9.30 U	9.30 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.30 U	9.30 U	9.30 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.30 U	9.30 U	9.30 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	0.760 J	1.50 J	2.00	1.70 J	1.50 J
Perfluorodecanoic acid (PFDA)	0.930 U	0.930 U	0.930 U	0.930 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.40 UJ	1.40 UJ	1.40 UJ	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	14.0	9.70	18.0	16.0	16.0
Perfluorohexanesulfonic acid (PFHxS)	11.0	20.0	32.0	24.0	24.0
Perfluorohexanoic acid (PFHxA)	7.50	9.50	18.0	14.0	15.0
Perfluorononanoic acid (PFNA)	0.530 J	1.40 U	0.700 J	1.20 J	1.20 J
Perfluorooctanesulfonic acid (PFOS)	12.0	11.0	21.0	29.0	30.0
Perfluorooctanoic acid (PFOA)	11.0	9.00	17.0	14.0	14.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 75VP-18-03	75VP-18-03	75VP-18-03	75VP-18-03	75VP-18-03
Field Sample ID:	75VP-18-03-102-106	75VP-18-03-22-26	75VP-18-03-32-36	75VP-18-03-42-46	75VP-18-03-52-56
Sample Begin Depth:	102.00	22.00	32.00	42.00	52.00
Sample End Depth:	106.00	26.00	36.00	46.00	56.00
Sample Date:	10/18/2018	10/17/2018	10/17/2018	10/17/2018	10/17/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.1 U	18.8 U	18.5 U	18.5 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.56 U	9.41 U	9.26 U	9.27 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.56 U	9.41 U	9.26 U	9.27 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.56 U	9.41 U	9.26 U	9.27 U
Perfluorobutanesulfonic acid (PFBS)	8.85	3.74	1.89	4.36	6.04
Perfluorodecanoic acid (PFDA)	1.00 U	0.956 U	0.941 U	0.926 U	0.927 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	1.43 U	1.41 U	1.39 U	1.39 U
Perfluoroheptanoic acid (PFHpA)	6.81	0.970 J	1.09 J	8.66 J	12.7
Perfluorohexanesulfonic acid (PFHxS)	81.5	18.8	25.0	216	319
Perfluorohexanoic acid (PFHxA)	23.9	2.18	2.60	31.7	40.3
Perfluorononanoic acid (PFNA)	1.50 U	1.43 U	1.41 U	1.39 U	1.39 U
Perfluorooctanesulfonic acid (PFOS)	1.41 J	13.9	15.4	35.3 J	93.0
Perfluorooctanoic acid (PFOA)	5.28	5.47	5.24	50.5	73.9
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.87 U	2.82 U	2.78 U	2.78 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.87 U	2.82 U	2.78 U	2.78 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.43 U	1.41 U	1.39 U	1.39 U

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	Locations: 75VP-18-03	75VP-18-03	75VP-18-03	75VP-18-03	75VP-18-03 (FD)
Field Sample ID:	75VP-18-03-62-66	75VP-18-03-72-76	75VP-18-03-82-86	75VP-18-03-92-96	A1-VP-DUP-R2-101718
Sample Begin Depth:	62.00	72.00	82.00	92.00	32.00
Sample End Depth:	66.00	76.00	86.00	96.00	36.00
Sample Date:	10/17/2018	10/18/2018	10/18/2018	10/18/2018	10/17/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.9 U	20.1 U	20.2 U	19.1 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.99 U	9.97 U	10.1 U	10.1 U	9.55 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.99 U	9.97 U	10.1 U	10.1 U	9.55 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.99 U	9.97 U	10.1 U	10.1 U	9.55 U
Perfluorobutanesulfonic acid (PFBS)	5.31	6.51	3.45	5.77	2.08
Perfluorodecanoic acid (PFDA)	0.899 U	0.997 U	1.01 U	1.01 U	0.955 U
Perfluorododecanoic acid (PFDoA)	1.35 UJ	1.50 UJ	1.51 UJ	1.51 UJ	1.43 U
Perfluoroheptanoic acid (PFHpA)	9.73	14.4	4.95	6.80	1.02 J
Perfluorohexanesulfonic acid (PFHxS)	385	546	157	91.4	25.7
Perfluorohexanoic acid (PFHxA)	32.5	43.6	12.8	21.5	2.27
Perfluorononanoic acid (PFNA)	1.35 U	0.531 J	1.51 U	1.51 U	1.43 U
Perfluorooctanesulfonic acid (PFOS)	320	460	132	8.43	14.7
Perfluorooctanoic acid (PFOA)	85.5	110	26.9	12.4	5.17
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.99 U	3.02 U	3.03 U	2.86 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.99 U	3.02 U	3.03 U	2.86 U
Perfluoroundecanoic acid (PFUnA)	1.35 U	1.50 U	1.51 U	1.51 U	1.43 U

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	Locations: 75VP-18-04	75VP-18-04	75VP-18-04	75VP-18-04	75VP-18-04
Field Sample ID:	75VP-18-04-102-106	75VP-18-04-22-26	75VP-18-04-32-36	75VP-18-04-42-46	75VP-18-04-52-56
Sample Begin Depth:	102.00	22.00	32.00	42.00	52.00
Sample End Depth:	106.00	26.00	36.00	46.00	56.00
Sample Date:	10/19/2018	10/18/2018	10/18/2018	10/18/2018	10/18/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.6 U	19.9 U	19.9 U	20.0 U	19.8 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.82 U	9.94 U	9.97 U	10.0 U	9.92 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.82 U	9.94 U	9.97 U	10.0 U	9.92 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.82 U	9.94 U	9.97 U	10.0 U	9.92 U
Perfluorobutanesulfonic acid (PFBS)	3.84	2.05	1.18 J	4.38	7.48
Perfluorodecanoic acid (PFDA)	0.982 U	0.994 U	0.997 U	1.00 U	0.992 U
Perfluorododecanoic acid (PFDoA)	1.47 UJ	1.49 UJ	1.50 UJ	1.50 UJ	1.49 UJ
Perfluoroheptanoic acid (PFHpA)	14.0	3.58	1.50 U	14.0	27.4
Perfluorohexanesulfonic acid (PFHxS)	35.3	7.14	6.98	178	598
Perfluorohexanoic acid (PFHxA)	22.3	7.32	0.702 J	26.5	67.1
Perfluorononanoic acid (PFNA)	1.47 U	1.49 U	1.50 U	1.50 U	1.49 U
Perfluorooctanesulfonic acid (PFOS)	14.5	5.06	4.13	8.93	202
Perfluorooctanoic acid (PFOA)	11.4	7.51	1.59 J	40.3	174
Perfluorotetradecanoic acid (PFTA)	2.95 U	2.98 U	2.99 U	3.01 U	2.98 U
Perfluorotridecanoic acid (PFTrDA)	2.95 U	2.98 U	2.99 U	3.01 U	2.98 U
Perfluoroundecanoic acid (PFUnA)	1.47 U	1.49 U	1.50 U	1.50 U	1.49 U

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	Locations: 75VP-18-04	75VP-18-04	75VP-18-04	75VP-18-04	75VP-18-04 (FD)
Field Sample ID:	75VP-18-04-62-66	75VP-18-04-72-76	75VP-18-04-82-86	75VP-18-04-92-96	A1-VP-DUP-R1-101918
Sample Begin Depth:	62.00	72.00	82.00	92.00	102.00
Sample End Depth:	66.00	76.00	86.00	96.00	106.00
Sample Date:	10/18/2018	10/18/2018	10/19/2018	10/19/2018	10/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.9 U	19.7 U	19.8 U	19.7 U	19.9 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.95 U	9.87 U	9.90 U	9.83 U	9.94 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.95 U	9.87 U	9.90 U	9.83 U	9.94 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.95 U	9.87 U	9.90 U	9.83 U	9.94 U
Perfluorobutanesulfonic acid (PFBS)	4.95	7.40	0.990 U	3.39	3.54
Perfluorodecanoic acid (PFDA)	0.995 U	0.987 U	0.990 U	0.983 U	0.994 U
Perfluorododecanoic acid (PFDoA)	1.49 UJ	1.48 UJ	1.49 UJ	1.47 UJ	1.49 UJ
Perfluoroheptanoic acid (PFHpA)	12.0	12.7	1.49 U	5.28	14.9
Perfluorohexanesulfonic acid (PFHxS)	120	111	0.753 J	22.2	33.9
Perfluorohexanoic acid (PFHxA)	35.1	49.1	0.990 U	9.48	23.0
Perfluorononanoic acid (PFNA)	1.49 U	1.48 U	1.49 U	1.47 U	0.558 J
Perfluorooctanesulfonic acid (PFOS)	31.2	37.2	2.97 U	3.52 J	12.7
Perfluorooctanoic acid (PFOA)	69.1	35.6	1.49 U	1.47 J	11.4
Perfluorotetradecanoic acid (PFTA)	2.98 U	2.96 U	2.97 U	2.95 U	2.98 U
Perfluorotridecanoic acid (PFTrDA)	2.98 U	2.96 U	2.97 U	2.95 U	2.98 U
Perfluoroundecanoic acid (PFUnA)	1.49 U	1.48 U	1.49 U	1.47 U	1.49 U

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	Locations: 75VP-18-05	75VP-18-05	75VP-18-05	75VP-18-05	75VP-18-05
Field Sample ID:	75VP-18-05-102-106	75VP-18-05-22-26	75VP-18-05-32-36	75VP-18-05-42-46	75VP-18-05-52-56
Sample Begin Depth:	102.00	22.00	32.00	42.00	52.00
Sample End Depth:	106.00	26.00	36.00	46.00	56.00
Sample Date:	10/29/2018	10/26/2018	10/26/2018	10/26/2018	10/26/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	710 U	18.9 U	17.7 U	17.9 U	19.6 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	9.45 U	8.86 U	8.94 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	9.45 U	8.86 U	8.94 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	9.45 U	8.86 U	8.94 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	3.20	2.08	0.669 J	1.08 J	0.817 J
Perfluorodecanoic acid (PFDA)	0.990 U	0.945 U	0.886 U	0.894 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	1.42 U	1.33 U	1.34 U	1.47 U
Perfluoroheptanoic acid (PFHpA)	1.60 J	11.1	3.82	5.15	4.37
Perfluorohexanesulfonic acid (PFHxS)	28.0	1.64 J	6.49	6.73	6.32
Perfluorohexanoic acid (PFHxA)	4.50	44.4	5.19	8.73	8.36
Perfluorononanoic acid (PFNA)	1.50 U	1.47 J	1.33 U	1.34 U	1.47 U
Perfluorooctanesulfonic acid (PFOS)	1.60 J	2.29 J	1.97 J	3.39 J	1.56 J
Perfluorooctanoic acid (PFOA)	0.970 J	7.80	6.70	9.90	7.25
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.84 U	2.66 U	2.68 U	2.94 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.84 U	2.66 U	2.68 U	2.94 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.42 U	1.33 U	1.34 U	1.47 U

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	Locations: 75VP-18-05	75VP-18-05	75VP-18-05	75VP-18-05	75VP-18-06
Field Sample ID:	75VP-18-05-62-66	75VP-18-05-72-76	75VP-18-05-82-86	75VP-18-05-92-96	75VP-18-06-12-16
Sample Begin Depth:	62.00	72.00	82.00	92.00	12.00
Sample End Depth:	66.00	76.00	86.00	96.00	16.00
Sample Date:	10/29/2018	10/29/2018	10/29/2018	10/29/2018	10/25/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	1100 U	690 U	720 U	670 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.50 U	10.0 U	10.0 U	8.98 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.50 U	10.0 U	10.0 U	8.98 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.50 U	10.0 U	10.0 U	8.98 U
Perfluorobutanesulfonic acid (PFBS)	0.820 J	0.680 J	0.830 J	0.620 J	3.44
Perfluorodecanoic acid (PFDA)	0.960 U	0.950 U	1.00 U	1.00 U	0.898 U
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.40 UJ	1.50 UJ	1.50 UJ	1.35 U
Perfluoroheptanoic acid (PFHpA)	4.70	5.50	3.90	2.40	1.35 U
Perfluorohexanesulfonic acid (PFHxS)	7.00	6.00	7.60	6.80	11.0
Perfluorohexanoic acid (PFHxA)	6.40	4.30	4.50	1.40 J	1.33 J
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	1.50 U	1.35 U
Perfluorooctanesulfonic acid (PFOS)	2.70 J	7.10	4.80	1.70 J	4.84
Perfluorooctanoic acid (PFOA)	5.20	5.80	6.10	3.10	2.84
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	3.00 U	3.00 U	2.69 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	3.00 U	3.00 U	2.69 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.50 U	1.35 U

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	Locations: 75VP-18-06	75VP-18-06	75VP-18-06	75VP-18-06	75VP-18-06
Field Sample ID:	75VP-18-06-22-26	75VP-18-06-32-36	75VP-18-06-42-46	75VP-18-06-52-56	75VP-18-06-62-66
Sample Begin Depth:	22.00	32.00	42.00	52.00	62.00
Sample End Depth:	26.00	36.00	46.00	56.00	66.00
Sample Date:	10/25/2018	10/26/2018	10/26/2018	10/26/2018	10/26/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.5 U	18.7 U	17.8 U	18.6 U	18.5 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.27 U	9.37 U	8.92 U	9.29 U	9.23 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.27 U	9.37 U	8.92 U	9.29 U	9.23 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.27 U	9.37 U	8.92 U	9.29 U	9.23 U
Perfluorobutanesulfonic acid (PFBS)	6.68	6.81	4.29	4.89	6.08
Perfluorodecanoic acid (PFDA)	0.927 U	0.937 U	0.892 U	0.929 U	0.923 U
Perfluorododecanoic acid (PFDoA)	1.39 U	1.41 U	1.34 U	1.39 U	1.38 U
Perfluoroheptanoic acid (PFHpA)	3.94	8.99	8.64	11.1	7.18
Perfluorohexanesulfonic acid (PFHxS)	87.9	280	318	459	587
Perfluorohexanoic acid (PFHxA)	20.6	26.9	26.6	36.4	23.4
Perfluorononanoic acid (PFNA)	1.39 U	0.571 J	1.34 U	0.522 J	1.85
Perfluorooctanesulfonic acid (PFOS)	12.8	155	322	334	787
Perfluorooctanoic acid (PFOA)	14.6	65.2	67.5	99.1	67.8
Perfluorotetradecanoic acid (PFTA)	2.78 U	2.81 U	2.68 U	2.79 U	2.77 U
Perfluorotridecanoic acid (PFTrDA)	2.78 U	2.81 U	2.68 U	2.79 U	2.77 U
Perfluoroundecanoic acid (PFUnA)	1.39 U	1.41 U	1.34 U	1.39 U	1.38 U

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	Locations: 75VP-18-06	75VP-18-06 (FD)	75VP-18-06A	75VP-18-07	75VP-18-07
Field Sample ID:	75VP-18-06-72-76	A1-VP-DUP-R2-10262018	75VP-18-06-82-86	75VP-18-07-22-26	75VP-18-07-32-36
Sample Begin Depth:	72.00	42.00	82.00	22.00	32.00
Sample End Depth:	76.00	46.00	86.00	26.00	36.00
Sample Date:	10/26/2018	10/26/2018	10/29/2018	10/23/2018	10/23/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.2 U	18.6 U	610 U	19.2 U	19.7 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.11 U	9.28 U	10.0 U	9.60 U	9.83 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.11 U	9.28 U	10.0 U	9.60 U	9.83 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.11 U	9.28 U	10.0 U	9.60 U	9.83 U
Perfluorobutanesulfonic acid (PFBS)	5.05	4.18	3.20	0.960 U	0.983 U
Perfluorodecanoic acid (PFDA)	0.911 U	0.928 U	1.00 U	0.960 U	0.983 U
Perfluorododecanoic acid (PFDoA)	1.37 U	1.39 U	1.50 UJ	1.44 U	1.48 U
Perfluoroheptanoic acid (PFHpA)	7.39	9.21	6.40	0.594 J	0.825 J
Perfluorohexanesulfonic acid (PFHxS)	527	315	210	1.92 U	1.97 U
Perfluorohexanoic acid (PFHxA)	23.2	27.8	17.0	0.960 U	0.983 U
Perfluorononanoic acid (PFNA)	0.591 J	1.39 U	1.50 U	1.44 U	0.725 J
Perfluorooctanesulfonic acid (PFOS)	857	313	210	4.17	1.79 J
Perfluorooctanoic acid (PFOA)	72.4	76.1	43.0	1.22 J	3.22
Perfluorotetradecanoic acid (PFTA)	2.73 U	2.78 U	3.00 U	2.88 U	2.95 U
Perfluorotridecanoic acid (PFTrDA)	2.73 U	2.78 U	3.00 U	2.88 U	2.95 U
Perfluoroundecanoic acid (PFUnA)	1.37 U	1.39 U	1.50 U	1.44 U	1.48 U

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	Locations: 75VP-18-07	75VP-18-07	75VP-18-07	75VP-18-07	75VP-18-07
Field Sample ID:	75VP-18-07-42-46	75VP-18-07-52-56	75VP-18-07-62-66	75VP-18-07-72-76	75VP-18-07-82-86
Sample Begin Depth:	42.00	52.00	62.00	72.00	82.00
Sample End Depth:	46.00	56.00	66.00	76.00	86.00
Sample Date:	10/23/2018	10/24/2018	10/24/2018	10/25/2018	10/25/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.6 U	19.5 U	19.1 U	18.2 U	17.7 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.81 U	9.75 U	9.57 U	9.10 U	8.86 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.81 U	9.75 U	9.57 U	9.10 U	8.86 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.81 U	9.75 U	9.57 U	9.10 U	8.86 U
Perfluorobutanesulfonic acid (PFBS)	0.931 J	3.42	10.4	5.11	3.73
Perfluorodecanoic acid (PFDA)	0.981 U	0.975 U	0.957 U	0.910 U	0.886 U
Perfluorododecanoic acid (PFDoA)	1.47 U	1.46 U	1.44 U	1.37 U	1.33 U
Perfluoroheptanoic acid (PFHpA)	0.670 J	7.85	30.0	14.5	14.5
Perfluorohexanesulfonic acid (PFHxS)	2.97	237	610	177	49.2
Perfluorohexanoic acid (PFHxA)	0.724 J	23.0	111	43.8	28.7
Perfluorononanoic acid (PFNA)	1.10 J	1.46 U	0.619 J	1.37 U	1.33 U
Perfluorooctanesulfonic acid (PFOS)	4.33	138	1160	187	23.3
Perfluorooctanoic acid (PFOA)	2.92	91.0	237	86.7 J	17.9
Perfluorotetradecanoic acid (PFTA)	2.94 U	2.93 U	2.87 U	2.73 U	2.66 U
Perfluorotridecanoic acid (PFTrDA)	2.94 U	2.93 U	2.87 U	2.73 U	2.66 U
Perfluoroundecanoic acid (PFUnA)	1.47 U	1.46 U	1.44 U	1.37 U	1.33 U

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	Locations: 75VP-18-08	75VP-18-08	75VP-18-08	75VP-18-08	75VP-18-08
Field Sample ID:	75VP-18-08-107-111	75VP-18-08-117-121	75VP-18-08-127-131	75VP-18-08-137-141	75VP-18-08-17-21
Sample Begin Depth:	107.00	117.00	127.00	137.00	17.00
Sample End Depth:	111.00	121.00	131.00	141.00	21.00
Sample Date:	10/15/2018	10/15/2018	10/16/2018	10/16/2018	10/10/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.8 U	18.2 U	23.5 U	18.3 U	19.0 UJ
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.12 U	11.7 U	9.15 U	9.50 UJ
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.12 U	11.7 U	9.15 U	9.50 UJ
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.12 U	11.7 U	9.15 U	9.50 UJ
Perfluorobutanesulfonic acid (PFBS)	0.940 U	0.912 U	1.17 U	0.915 U	0.654 J
Perfluorodecanoic acid (PFDA)	0.940 U	0.912 U	1.17 U	0.915 U	0.950 UJ
Perfluorododecanoic acid (PFDoA)	1.41 U	1.37 U	1.76 U	1.37 U	1.42 UJ
Perfluoroheptanoic acid (PFHpA)	1.41 U	1.37 U	1.76 U	0.690 J	3.15 J
Perfluorohexanesulfonic acid (PFHxS)	1.28 J	0.538 J	1.17 U	0.897 J	9.30 J
Perfluorohexanoic acid (PFHxA)	0.444 J	0.912 U	1.17 U	1.58 J	4.57 J
Perfluorononanoic acid (PFNA)	1.41 U	1.37 U	1.76 U	1.37 U	1.42 UJ
Perfluorooctanesulfonic acid (PFOS)	2.82 U	2.74 U	3.52 U	2.74 U	1.46 J
Perfluorooctanoic acid (PFOA)	1.41 U	1.37 U	1.76 U	1.37 U	7.30 J
Perfluorotetradecanoic acid (PFTA)	2.82 U	2.74 U	3.52 U	2.74 U	2.85 UJ
Perfluorotridecanoic acid (PFTrDA)	2.82 U	2.74 U	3.52 U	2.74 U	2.85 UJ
Perfluoroundecanoic acid (PFUnA)	1.41 U	1.37 U	1.76 U	1.37 U	1.42 UJ

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	Locations: 75VP-18-08	75VP-18-08	75VP-18-08	75VP-18-08	75VP-18-08
Field Sample ID:	75VP-18-08-27-31	75VP-18-08-37-41	75VP-18-08-47-51	75VP-18-08-57-61	75VP-18-08-67-71
Sample Begin Depth:	27.00	37.00	47.00	57.00	67.00
Sample End Depth:	31.00	41.00	51.00	61.00	71.00
Sample Date:	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/12/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.1 UJ	19.2 UJ	19.2 UJ	280 U	17.5 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.56 UJ	9.61 UJ	9.60 UJ	8.80 U	8.77 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.56 UJ	9.61 UJ	9.60 UJ	8.80 U	8.77 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.56 UJ	9.61 UJ	9.60 UJ	8.80 U	8.77 U
Perfluorobutanesulfonic acid (PFBS)	0.956 UJ	2.07 J	2.48 J	1.77	5.96
Perfluorodecanoic acid (PFDA)	0.956 UJ	0.961 UJ	0.960 UJ	0.880 U	0.877 U
Perfluorododecanoic acid (PFDoA)	1.43 UJ	1.44 UJ	1.44 UJ	1.32 U	1.32 U
Perfluoroheptanoic acid (PFHpA)	1.02 J	2.40 J	5.20 J	3.01	0.821 J
Perfluorohexanesulfonic acid (PFHxS)	1.91 U	28.4 J	78.6 J	35.6	24.0
Perfluorohexanoic acid (PFHxA)	1.34 J	7.67 J	15.5 J	5.44	5.17
Perfluorononanoic acid (PFNA)	1.43 UJ	1.44 UJ	1.44 UJ	1.32 U	1.32 U
Perfluorooctanesulfonic acid (PFOS)	1.63 J	3.35 J	13.0 J	13.1	0.981 J
Perfluorooctanoic acid (PFOA)	2.90 J	6.07 J	18.0 J	7.41	0.767 J
Perfluorotetradecanoic acid (PFTA)	2.87 UJ	2.88 UJ	2.88 UJ	2.64 U	2.63 U
Perfluorotridecanoic acid (PFTrDA)	2.87 UJ	2.88 UJ	2.88 UJ	2.64 U	2.63 U
Perfluoroundecanoic acid (PFUnA)	1.43 UJ	1.44 UJ	1.44 UJ	1.32 U	1.32 U

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	Locations: 75VP-18-08	75VP-18-08	75VP-18-08	75VP-18-08 (FD)	75VP-18-09
Field Sample ID:	75VP-18-08-77-81	75VP-18-08-87-91	75VP-18-08-97-101	A1-VP-DUP-R2-101018	75VP-18-09-102-106
Sample Begin Depth:	77.00	87.00	97.00	37.00	102.00
Sample End Depth:	81.00	91.00	101.00	41.00	106.00
Sample Date:	10/12/2018	10/12/2018	10/12/2018	10/10/2018	10/17/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	17.3 U	16.3 U	19.1 UJ	18.6 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.52 U	8.63 U	8.15 U	9.57 UJ	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.52 U	8.63 U	8.15 U	9.57 UJ	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.52 U	8.63 U	8.15 U	9.57 UJ	9.30 U
Perfluorobutanesulfonic acid (PFBS)	1.77 J	1.16 J	0.815 U	1.81 J	0.930 U
Perfluorodecanoic acid (PFDA)	0.952 U	0.863 U	0.815 U	0.957 UJ	0.930 U
Perfluorododecanoic acid (PFDoA)	1.43 U	1.29 U	1.22 U	1.44 UJ	1.39 U
Perfluoroheptanoic acid (PFHpA)	3.11	1.29 U	1.22 U	2.20 J	1.39 U
Perfluorohexanesulfonic acid (PFHxS)	13.4	10.1	1.77	28.4 J	0.930 U
Perfluorohexanoic acid (PFHxA)	7.43	0.863 U	0.979 J	7.37 J	0.930 U
Perfluorononanoic acid (PFNA)	1.43 U	1.29 U	1.22 U	1.44 UJ	1.39 U
Perfluorooctanesulfonic acid (PFOS)	3.20 J	2.59 U	2.44 U	3.37 J	2.79 U
Perfluorooctanoic acid (PFOA)	6.68	0.487 J	1.11 J	5.74 J	1.39 U
Perfluorotetradecanoic acid (PFTA)	2.86 U	2.59 U	2.44 U	2.87 UJ	2.79 U
Perfluorotridecanoic acid (PFTrDA)	2.86 U	2.59 U	2.44 U	2.87 UJ	2.79 U
Perfluoroundecanoic acid (PFUnA)	1.43 U	1.29 U	1.22 U	1.44 UJ	1.39 U

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	75VP-18-09	75VP-18-09	75VP-18-09	75VP-18-09	75VP-18-09
Locations:	75VP-18-09	75VP-18-09	75VP-18-09	75VP-18-09	75VP-18-09
Field Sample ID:	75VP-18-09-111-115	75VP-18-09-22-26	75VP-18-09-32-36	75VP-18-09-42-46	75VP-18-09-52-56
Sample Begin Depth:	111.00	22.00	32.00	42.00	52.00
Sample End Depth:	115.00	26.00	36.00	46.00	56.00
Sample Date:	10/17/2018	10/16/2018	10/16/2018	10/16/2018	10/16/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.2 U	18.7 U	18.9 U	18.7 U	18.9 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.08 U	9.37 U	9.47 U	9.36 U	9.46 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.08 U	9.37 U	9.47 U	9.36 U	9.46 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.08 U	9.37 U	9.47 U	9.36 U	9.46 U
Perfluorobutanesulfonic acid (PFBS)	1.18 J	0.797 J	1.89	2.37	1.11 J
Perfluorodecanoic acid (PFDA)	0.908 U	0.937 U	0.947 U	0.936 U	0.946 U
Perfluorododecanoic acid (PFDoA)	1.36 UJ	1.41 U	1.42 U	1.40 U	1.42 U
Perfluoroheptanoic acid (PFHpA)	1.36 U	0.973 J	2.12	3.34	3.77
Perfluorohexanesulfonic acid (PFHxS)	6.72	3.32	13.6	33.6	30.5 J
Perfluorohexanoic acid (PFHxA)	3.65	2.39	4.64	8.43	6.01
Perfluorononanoic acid (PFNA)	1.36 U	0.642 J	1.42 U	1.40 U	1.42 U
Perfluorooctanesulfonic acid (PFOS)	2.72 U	1.53 J	2.35 J	4.78	12.7
Perfluorooctanoic acid (PFOA)	1.36 U	1.61 J	5.08	10.3	8.82 J
Perfluorotetradecanoic acid (PFTA)	2.72 U	2.81 U	2.84 U	2.81 U	2.84 U
Perfluorotridecanoic acid (PFTrDA)	2.72 U	2.81 U	2.84 U	2.81 U	2.84 U
Perfluoroundecanoic acid (PFUnA)	1.36 U	1.41 U	1.42 U	1.40 U	1.42 U

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	Locations: 75VP-18-09	75VP-18-09	75VP-18-09	75VP-18-09	75VP-18-09 (FD)
Field Sample ID:	75VP-18-09-62-66	75VP-18-09-72-76	75VP-18-09-82-86	75VP-18-09-92-96	A1-VP-DUP-R1-101618
Sample Begin Depth:	62.00	72.00	82.00	92.00	32.00
Sample End Depth:	66.00	76.00	86.00	96.00	36.00
Sample Date:	10/17/2018	10/17/2018	10/17/2018	10/17/2018	10/16/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.8 U	19.0 U	18.9 U	18.6 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.39 U	9.50 U	9.45 U	9.28 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.39 U	9.50 U	9.45 U	9.28 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.39 U	9.50 U	9.45 U	9.28 U
Perfluorobutanesulfonic acid (PFBS)	1.31 J	1.27 J	0.966 J	0.945 U	1.68 J
Perfluorodecanoic acid (PFDA)	0.950 U	0.939 U	0.950 U	0.945 U	0.928 U
Perfluorododecanoic acid (PFDoA)	1.42 U	1.41 U	1.43 U	1.42 U	1.39 U
Perfluoroheptanoic acid (PFHpA)	5.51	1.41 U	1.21 J	1.42 U	2.07
Perfluorohexanesulfonic acid (PFHxS)	12.5	3.65	10.2	0.423 J	13.7
Perfluorohexanoic acid (PFHxA)	8.46	0.939 U	2.05	0.945 U	4.60
Perfluorononanoic acid (PFNA)	1.42 U	1.41 U	1.43 U	1.42 U	1.39 U
Perfluorooctanesulfonic acid (PFOS)	7.30	2.82 U	2.97 J	2.83 U	2.40 J
Perfluorooctanoic acid (PFOA)	6.71	1.41 U	5.02	1.42 U	4.65
Perfluorotetradecanoic acid (PFTA)	2.85 U	2.82 U	2.85 U	2.83 U	2.78 U
Perfluorotridecanoic acid (PFTrDA)	2.85 U	2.82 U	2.85 U	2.83 U	2.78 U
Perfluoroundecanoic acid (PFUnA)	1.42 U	1.41 U	1.43 U	1.42 U	1.39 U

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	Locations: 75VP-18-09 (FD)	75VP-18-10	75VP-18-10	75VP-18-10	75VP-18-10
Field Sample ID:	A1-VP-DUP-R1-101718	75VP-18-10-22-26	75VP-18-10-32-36	75VP-18-10-42-46	75VP-18-10-52-56
Sample Begin Depth:	92.00	22.00	32.00	42.00	52.00
Sample End Depth:	96.00	26.00	36.00	46.00	56.00
Sample Date:	10/17/2018	12/17/2018	12/17/2018	12/17/2018	12/17/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.3 U	18.0 U	18.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.65 U	8.90 U	9.20 U	9.30 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.65 U	8.90 U	9.20 U	9.30 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.65 U	8.90 U	9.20 U	9.30 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	0.965 U	0.860 J	0.500 J	0.860 J	0.490 J
Perfluorodecanoic acid (PFDA)	0.965 U	0.890 U	0.920 U	0.930 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.45 U	1.30 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.45 U	1.70 J	2.10	1.60 J	1.90
Perfluorohexanesulfonic acid (PFHxS)	0.412 J	2.40	1.30 J	2.60	3.90
Perfluorohexanoic acid (PFHxA)	0.965 U	2.50	3.50	2.50	1.90
Perfluorononanoic acid (PFNA)	1.45 U	0.850 J	0.930 J	0.890 J	0.910 J
Perfluorooctanesulfonic acid (PFOS)	2.90 U	1.90 J	2.00 J	2.20 J	2.90 J
Perfluorooctanoic acid (PFOA)	1.45 U	4.00	6.50	4.60	7.40
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.70 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.70 U	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.45 U	1.30 U	1.40 U	1.40 U	1.40 U

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	Locations: 75VP-18-10	75VP-18-10	75VP-18-10	75VP-18-10	75VP-18-10
Field Sample ID:	75VP-18-10-62-66	75VP-18-10-72-76	75VP-18-10-82-86	75VP-18-10-92-96	75VP-18-10-98-102
Sample Begin Depth:	62.00	72.00	82.00	92.00	98.00
Sample End Depth:	66.00	76.00	86.00	96.00	102.00
Sample Date:	12/18/2018	12/18/2018	12/18/2018	12/18/2018	12/18/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	30.0 U	20.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	8.90 U	15.0 U	9.90 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	8.90 U	15.0 U	9.90 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	8.90 U	15.0 U	9.90 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	0.740 J	0.890 U	1.50 U	0.990 U	1.10 U
Perfluorodecanoic acid (PFDA)	0.910 U	0.890 U	1.50 U	0.990 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	2.20 U	1.50 U	1.70 U
Perfluoroheptanoic acid (PFHpA)	2.90	1.30 U	2.20 U	1.00 J	1.70 U
Perfluorohexanesulfonic acid (PFHxS)	9.20	0.890 U	1.50 U	0.980 J	0.610 J
Perfluorohexanoic acid (PFHxA)	4.30	0.890 U	1.50 U	1.60 J	1.10 U
Perfluorononanoic acid (PFNA)	1.40 U	1.30 U	2.20 U	1.50 U	1.70 U
Perfluorooctanesulfonic acid (PFOS)	2.20 J	2.70 U	4.40 U	3.00 U	3.40 U
Perfluorooctanoic acid (PFOA)	8.20	1.30 U	2.20 U	1.70 J	1.70 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	4.40 U	3.00 U	3.40 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	4.40 U	3.00 U	3.40 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	2.20 U	1.50 U	1.70 U

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	Locations: 75VP-18-10 (FD)	75VP-18-11	75VP-18-11	75VP-18-11	75VP-18-11
Field Sample ID:	A1-VP-DUP-R2-121818	75VP-18-11-12-16	75VP-18-11-22-26	75VP-18-11-32-36	75VP-18-11-42-46
Sample Begin Depth:	92.00	12.00	22.00	32.00	42.00
Sample End Depth:	96.00	16.00	26.00	36.00	46.00
Sample Date:	12/18/2018	12/17/2018	12/17/2018	12/17/2018	12/17/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.70 U	9.40 U	9.10 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.70 U	9.40 U	9.10 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.70 U	9.40 U	9.10 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	1.00 U	4.60	9.90	16.0	1.30 J
Perfluorodecanoic acid (PFDA)	1.00 U	0.970 U	0.940 U	0.910 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.10 J	4.40	23.0	17.0	2.30
Perfluorohexanesulfonic acid (PFHxS)	1.10 J	94.0	720	560	16.0
Perfluorohexanoic acid (PFHxA)	1.60 J	14.0	92.0	61.0	2.70
Perfluorononanoic acid (PFNA)	1.50 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	27.0	490	18.0	1.30 J
Perfluorooctanoic acid (PFOA)	1.60 J	19.0	170	90.0	1.90
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.90 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.90 U	2.80 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.40 U	1.40 U	1.40 U

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	Locations: 75VP-18-11	75VP-18-11	75VP-18-11	75VP-18-11	75VP-18-11
Field Sample ID:	75VP-18-11-52-56	75VP-18-11-62-66	75VP-18-11-72-76	75VP-18-11-82-86	75VP-18-11-92-96
Sample Begin Depth:	52.00	62.00	72.00	82.00	92.00
Sample End Depth:	56.00	66.00	76.00	86.00	96.00
Sample Date:	12/17/2018	12/17/2018	12/17/2018	12/17/2018	12/18/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.70 U	9.30 U	9.60 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.70 U	9.30 U	9.60 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.70 U	9.30 U	9.60 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	0.600 J	1.70 J	1.50 J	1.90	1.80 J
Perfluorodecanoic acid (PFDA)	1.00 U	0.970 U	0.930 U	0.960 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	3.00	2.10	3.40	3.50
Perfluorohexanesulfonic acid (PFHxS)	6.00	7.80	4.90	6.40	6.00
Perfluorohexanoic acid (PFHxA)	0.800 J	9.00	8.70	13.0	12.0
Perfluorononanoic acid (PFNA)	1.50 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	2.90 U	2.80 U	2.90 U	3.00 U
Perfluorooctanoic acid (PFOA)	1.50 U	2.20	0.850 J	1.20 J	0.960 J
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.90 U	2.80 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.90 U	2.80 U	2.90 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.40 U	1.50 U

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	Locations: 75VP-18-11 (FD)	75VP-18-11 (FD)	75VP-18-12	75VP-18-12	75VP-18-12
Field Sample ID:	A1-VP-DUP-R1-121718	A1-VP-DUP-R1-121818	75VP-18-12-102-106	75VP-18-12-112-116	75VP-18-12-118.5-122.5
Sample Begin Depth:	22.00	92.00	102.00	112.00	118.50
Sample End Depth:	26.00	96.00	106.00	116.00	122.50
Sample Date:	12/17/2018	12/18/2018	12/14/2018	12/14/2018	12/14/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	25.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.20 U	9.40 U	13.0 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.20 U	9.40 U	13.0 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.20 U	9.40 U	13.0 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	10.0	2.00	0.940 U	1.00 J	0.940 J
Perfluorodecanoic acid (PFDA)	0.910 U	0.920 U	0.940 U	1.30 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.90 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	23.0	3.80	1.40 U	1.10 J	0.770 J
Perfluorohexanesulfonic acid (PFHxS)	680	6.00	1.90 U	4.40	2.00 U
Perfluorohexanoic acid (PFHxA)	90.0	13.0	0.700 J	3.80	3.40
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.90 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	500	2.70 U	2.80 U	3.80 U	3.00 U
Perfluorooctanoic acid (PFOA)	170	1.10 J	1.40 U	0.920 J	1.50 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.80 U	3.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.80 U	3.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.90 U	1.50 U

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	Locations: 75VP-18-12	75VP-18-12	75VP-18-12	75VP-18-12	75VP-18-12
Field Sample ID:	75VP-18-12-22-26	75VP-18-12-32-36	75VP-18-12-42-46	75VP-18-12-52-56	75VP-18-12-62-66
Sample Begin Depth:	22.00	32.00	42.00	52.00	62.00
Sample End Depth:	26.00	36.00	46.00	56.00	66.00
Sample Date:	12/12/2018	12/12/2018	12/13/2018	12/13/2018	12/13/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	21.0 U	20.0 U	19.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	10.0 U	10.0 U	9.40 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	10.0 U	10.0 U	9.40 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	10.0 U	10.0 U	9.40 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	2.50	1.30 J	1.40 J	2.80	1.70 J
Perfluorodecanoic acid (PFDA)	0.930 U	1.00 U	1.00 U	0.940 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.60 U	1.50 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	3.10	1.40 J	1.60 J	2.70	2.10
Perfluorohexanesulfonic acid (PFHxS)	9.20	10.0	19.0	46.0	18.0
Perfluorohexanoic acid (PFHxA)	5.60	2.50	5.50	8.50	5.00
Perfluorononanoic acid (PFNA)	1.40 U	1.60 U	1.50 U	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	28.0	6.60	1.70 J	2.40 J	1.70 J
Perfluorooctanoic acid (PFOA)	10.0	4.00	4.20	6.00	2.60
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.10 U	3.00 U	2.80 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.10 U	3.00 U	2.80 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.60 U	1.50 U	1.40 U	1.50 U

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	Locations: 75VP-18-12	75VP-18-12	75VP-18-12	75VP-18-12 (FD)	75VP-18-13
Field Sample ID:	75VP-18-12-72-76	75VP-18-12-82-86	75VP-18-12-92-96	A1-VP-DUP-R1-121318	75VP-18-13-12-16
Sample Begin Depth:	72.00	82.00	92.00	72.00	12.00
Sample End Depth:	76.00	86.00	96.00	76.00	16.00
Sample Date:	12/13/2018	12/13/2018	12/13/2018	12/13/2018	12/18/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	19.0 U	23.0 U	20.0 U	25.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.70 U	12.0 U	9.90 U	13.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.70 U	12.0 U	9.90 U	13.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.70 U	12.0 U	9.90 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	0.540 J	0.970 U	1.20 U	0.570 J	1.20 J
Perfluorodecanoic acid (PFDA)	1.00 U	0.970 U	1.20 U	0.990 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.80 U	1.50 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	1.50 U	1.80 U	1.50 U	1.90 J
Perfluorohexanesulfonic acid (PFHxS)	6.50	0.970 U	2.30 U	6.40	7.70
Perfluorohexanoic acid (PFHxA)	1.00 U	0.970 U	1.20 U	0.990 U	2.70
Perfluorononanoic acid (PFNA)	1.50 U	1.50 U	1.80 U	1.50 U	1.90 U
Perfluorooctanesulfonic acid (PFOS)	3.10 U	2.90 U	3.50 U	3.00 U	3.80 U
Perfluorooctanoic acid (PFOA)	1.50 U	1.50 U	1.80 U	1.50 U	3.70
Perfluorotetradecanoic acid (PFTA)	3.10 U	2.90 U	3.50 U	3.00 U	3.80 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	2.90 U	3.50 U	3.00 U	3.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.80 U	1.50 U	1.90 U

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	Locations: 75VP-18-13	75VP-18-13	75VP-18-13	75VP-18-13	75VP-18-13
Field Sample ID:	75VP-18-13-22-26	75VP-18-13-2-6	75VP-18-13-32-36	75VP-18-13-42-46	75VP-18-13-52-56
Sample Begin Depth:	22.00	2.00	32.00	42.00	52.00
Sample End Depth:	26.00	6.00	36.00	46.00	56.00
Sample Date:	12/18/2018	12/18/2018	12/18/2018	12/18/2018	12/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	21.0 U	21.0 U	21.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	10.0 U	10.0 U	11.0 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	10.0 U	10.0 U	11.0 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	10.0 U	10.0 U	11.0 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.00 U	3.60	1.00 U	0.650 J	1.00 U
Perfluorodecanoic acid (PFDA)	1.00 U	1.00 U	1.00 U	1.10 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.60 U	1.60 U	1.60 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	11.0	0.710 J	1.00 J	1.60 U
Perfluorohexanesulfonic acid (PFHxS)	1.80 J	24.0	2.10	6.90	1.70 J
Perfluorohexanoic acid (PFHxA)	1.00 U	9.20	0.600 J	2.70	1.00 U
Perfluorononanoic acid (PFNA)	1.50 U	0.700 J	1.60 U	1.60 U	1.60 U
Perfluorooctanesulfonic acid (PFOS)	3.10 U	11.0	3.10 U	3.20 U	3.10 U
Perfluorooctanoic acid (PFOA)	0.560 J	26.0	2.90	1.50 J	1.60 U
Perfluorotetradecanoic acid (PFTA)	3.10 U	3.10 U	3.10 U	3.20 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	3.10 U	3.10 U	3.20 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.60 U	1.60 U	1.60 U	1.60 U

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	Locations: 75VP-18-13	75VP-18-13	75VP-18-13	75VP-18-13	75VP-18-13
Field Sample ID:	75VP-18-13-62-66	75VP-18-13-72-76	75VP-18-13-82-86	75VP-18-13-92-96	75VP-18-13-98-102
Sample Begin Depth:	62.00	72.00	82.00	92.00	98.00
Sample End Depth:	66.00	76.00	86.00	96.00	102.00
Sample Date:	12/19/2018	12/19/2018	12/20/2018	12/20/2018	12/20/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	20.0 U	18.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	9.90 U	9.20 U	9.40 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	9.90 U	9.20 U	9.40 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	9.90 U	9.20 U	9.40 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	0.990 U	3.00	2.60	3.00	3.00
Perfluorodecanoic acid (PFDA)	0.990 U	0.990 U	0.920 U	0.940 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	7.50	4.80	6.50	7.60
Perfluorohexanesulfonic acid (PFHxS)	2.00 U	29.0	27.0	28.0	27.0
Perfluorohexanoic acid (PFHxA)	2.30	14.0	8.60	12.0	14.0
Perfluorononanoic acid (PFNA)	1.50 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	7.20	5.50	7.20	8.10
Perfluorooctanoic acid (PFOA)	1.50 U	11.0	8.20	9.20	9.10
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.00 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.00 U	2.80 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.40 U	1.40 U	1.40 U

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	Locations: 75VP-18-13 (FD)	75VP-19-01	75VP-19-01	75VP-19-01	75VP-19-01
Field Sample ID:	A1-VP-DUP-R1-122018	75VP-19-01-105-109	75VP-19-01-17-21	75VP-19-01-27-31	75VP-19-01-37-41
Sample Begin Depth:	98.00	105.00	17.00	27.00	37.00
Sample End Depth:	102.00	109.00	21.00	31.00	41.00
Sample Date:	12/20/2018	01/10/2019	01/08/2019	01/08/2019	01/08/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.20 U	9.10 U	9.00 U	9.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.10 U	9.00 U	9.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.10 U	9.00 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	3.00	1.70 J	8.00	16.0	4.30
Perfluorodecanoic acid (PFDA)	0.920 U	0.920 U	0.910 U	0.900 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	7.50	21.0	17.0	21.0	7.00
Perfluorohexanesulfonic acid (PFHxS)	27.0	26.0	390	1100	210
Perfluorohexanoic acid (PFHxA)	14.0	15.0	78.0	130	23.0
Perfluorononanoic acid (PFNA)	1.40 U	2.70	1.00 J	1.20 J	0.910 J
Perfluorooctanesulfonic acid (PFOS)	8.20	66.0	110	640	620
Perfluorooctanoic acid (PFOA)	9.40	20.0	110	290	71.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.70 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.70 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.30 U

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	75VP-19-01	75VP-19-01	75VP-19-01	75VP-19-01	75VP-19-01
Locations:	75VP-19-01	75VP-19-01	75VP-19-01	75VP-19-01	75VP-19-01
Field Sample ID:	75VP-19-01-47-51	75VP-19-01-57-61	75VP-19-01-67-71	75VP-19-01-77-81	75VP-19-01-87-91
Sample Begin Depth:	47.00	57.00	67.00	77.00	87.00
Sample End Depth:	51.00	61.00	71.00	81.00	91.00
Sample Date:	01/08/2019	01/09/2019	01/09/2019	01/09/2019	01/09/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.00 U	9.00 U	9.10 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.00 U	9.00 U	9.10 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.00 U	9.00 U	9.10 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	2.90	1.20 J	1.60 J	1.70 J	2.10
Perfluorodecanoic acid (PFDA)	0.900 U	0.900 U	0.900 U	0.910 U	0.890 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.30 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	5.40	12.0	21.0	5.00	17.0
Perfluorohexanesulfonic acid (PFHxS)	140	27.0	38.0	18.0	27.0
Perfluorohexanoic acid (PFHxA)	15.0	11.0	17.0	5.70	15.0
Perfluorononanoic acid (PFNA)	0.650 J	0.540 J	1.40 J	0.520 J	1.80
Perfluorooctanesulfonic acid (PFOS)	440	37.0	50.0	13.0	47.0
Perfluorooctanoic acid (PFOA)	45.0	12.0	21.0	8.90	18.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.70 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.70 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	1.30 U	1.40 U	1.70 J

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	Locations: 75VP-19-01	75VP-19-01 (FD)	75VP-19-02	75VP-19-02	75VP-19-02
Field Sample ID:	75VP-19-01-97-101	A1-VP-DUP-R2-010919	75VP-19-02-102-106	75VP-19-02-22-26	75VP-19-02-32-36
Sample Begin Depth:	97.00	87.00	102.00	22.00	32.00
Sample End Depth:	101.00	91.00	106.00	26.00	36.00
Sample Date:	01/10/2019	01/09/2019	02/14/2019	02/12/2019	02/12/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.00 U	9.60 U	9.80 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.00 U	9.60 U	9.80 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.00 U	9.60 U	9.80 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	1.80	2.10	3.80	1.50 J	3.00
Perfluorodecanoic acid (PFDA)	0.910 U	0.900 U	0.960 U	0.980 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	21.0	17.0	35.0	3.40	5.00
Perfluorohexanesulfonic acid (PFHxS)	27.0	27.0	60.0	24.0	63.0
Perfluorohexanoic acid (PFHxA)	14.0	15.0	37.0	4.10	9.10
Perfluorononanoic acid (PFNA)	2.70	1.80	2.40	1.50 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	60.0	47.0	79.0	43.0	76.0
Perfluorooctanoic acid (PFOA)	19.0	19.0	28.0	8.20	17.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.90 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.90 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.50 U	1.50 U

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	Locations: 75VP-19-02	75VP-19-02	75VP-19-02	75VP-19-02	75VP-19-02
Field Sample ID:	75VP-19-02-42-46	75VP-19-02-52-56	75VP-19-02-62-66	75VP-19-02-72-76	75VP-19-02-82-86
Sample Begin Depth:	42.00	52.00	62.00	72.00	82.00
Sample End Depth:	46.00	56.00	66.00	76.00	86.00
Sample Date:	02/12/2019	02/12/2019	02/13/2019	02/13/2019	02/13/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	20.0 U	20.0 U	20.0 U	26.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	9.90 U	10.0 U	9.80 U	13.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	9.90 U	10.0 U	9.80 U	13.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	9.90 U	10.0 U	9.80 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	1.20 J	0.670 J	1.60 J	5.20	1.90 J
Perfluorodecanoic acid (PFDA)	0.990 U	0.990 U	1.00 U	0.980 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.50 U	1.50 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	1.80 J	6.10	17.0	2.10 J
Perfluorohexanesulfonic acid (PFHxS)	18.0	5.80	12.0	39.0	5.90
Perfluorohexanoic acid (PFHxA)	0.600 J	1.20 J	8.00	30.0	6.20
Perfluorononanoic acid (PFNA)	1.50 U	1.50 U	1.50 U	1.50 U	1.90 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	1.50 J	5.20	18.0	3.80 U
Perfluorooctanoic acid (PFOA)	2.00 U	2.00 U	3.00	11.0	2.60 U
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.00 U	3.10 U	3.00 U	3.80 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.00 U	3.10 U	3.00 U	3.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.50 U	1.50 U	1.90 U

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	Locations: 75VP-19-02	75VP-19-02 (FD)	75VP-19-03	75VP-19-03	75VP-19-03
Field Sample ID:	75VP-19-02-92-96	A1-VP-DUP-R1-21219	75VP-19-03-22-26	75VP-19-03-32-36	75VP-19-03-42-46
Sample Begin Depth:	92.00	32.00	22.00	32.00	42.00
Sample End Depth:	96.00	36.00	26.00	36.00	46.00
Sample Date:	02/14/2019	02/12/2019	02/11/2019	02/11/2019	02/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	20.0 U	27.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.60 U	9.90 U	13.0 U	3.10 J
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.60 U	9.90 U	13.0 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.60 U	9.90 U	13.0 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	9.30	2.80	1.00 J	2.10 J	1.50 J
Perfluorodecanoic acid (PFDA)	0.920 U	0.960 U	0.990 U	1.30 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	2.00 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	44.0	5.00	11.0	6.80	14.0
Perfluorohexanesulfonic acid (PFHxS)	87.0	58.0	4.20	23.0	17.0
Perfluorohexanoic acid (PFHxA)	67.0	8.80	9.00	13.0	8.80
Perfluorononanoic acid (PFNA)	1.60 J	1.40 U	2.00 U	2.00 U	2.60 U
Perfluorooctanesulfonic acid (PFOS)	64.0	70.0	6.00	7.20	48.0
Perfluorooctanoic acid (PFOA)	30.0	17.0	18.0	7.10	16.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	3.00 U	4.00 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	3.00 U	4.00 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	2.00 U	1.50 U

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	Locations: 75VP-19-04	75VP-19-04	75VP-19-04	75VP-19-04 (FD)	75VP-19-05
Field Sample ID:	75VP-19-04-22-26	75VP-19-04-32-36	75VP-19-04-41-45	A1-VP-DUP-021119	75VP-19-05-102-106
Sample Begin Depth:	22.00	32.00	41.00	32.00	102.00
Sample End Depth:	26.00	36.00	45.00	36.00	106.00
Sample Date:	02/11/2019	02/11/2019	02/11/2019	02/11/2019	05/08/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	20.0 U	19.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.90 U	8.40 J	9.80 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.90 U	9.30 U	9.80 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.90 U	9.30 U	9.80 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.50 J	1.60 J	1.40 J	1.60 J	1.00 U
Perfluorodecanoic acid (PFDA)	1.00 U	0.990 U	0.930 U	0.980 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.40 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	28.0	26.0	21.0	26.0	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	36.0	28.0	21.0	26.0	2.00 U
Perfluorohexanoic acid (PFHxA)	20.0	17.0	13.0	17.0	0.670 J
Perfluorononanoic acid (PFNA)	2.70	3.90	3.70	3.90	1.50 U
Perfluorooctanesulfonic acid (PFOS)	38.0	77.0	71.0	75.0	3.00 U
Perfluorooctanoic acid (PFOA)	28.0	24.0	23.0	23.0	1.50 U
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.00 U	2.80 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.00 U	2.80 U	2.90 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.40 U	1.50 U	1.50 U

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	Locations: 75VP-19-05	75VP-19-05	75VP-19-05	75VP-19-05	75VP-19-05
Field Sample ID:	75VP-19-05-12-16	75VP-19-05-22-26	75VP-19-05-32-36	75VP-19-05-42-46	75VP-19-05-52-56
Sample Begin Depth:	12.00	22.00	32.00	42.00	52.00
Sample End Depth:	16.00	26.00	36.00	46.00	56.00
Sample Date:	05/07/2019	05/07/2019	05/07/2019	05/07/2019	05/07/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	20.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.20 U	10.0 U	9.10 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.20 U	10.0 U	9.10 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.20 U	10.0 U	9.10 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	5.60	0.920 U	1.00 U	1.80 U	0.940 U
Perfluorodecanoic acid (PFDA)	0.940 U	0.630 J	1.00 U	0.910 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	2.30	2.10	2.80	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	7.70	1.80 U	2.00 U	1.80 U	2.10
Perfluorohexanoic acid (PFHxA)	0.940 U	1.70 J	1.80 J	3.10	0.940 U
Perfluorononanoic acid (PFNA)	1.40 U	0.930 J	1.10 J	1.40 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	1.10 J	3.60 J	4.10	2.80 U
Perfluorooctanoic acid (PFOA)	0.590 J	1.60 J	1.60 J	6.00	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	3.00 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	3.00 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	0.680 J	1.50 U	1.40 U	1.40 U

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	Locations: 75VP-19-05	75VP-19-05	75VP-19-05	75VP-19-05	75VP-19-05 (FD)
Field Sample ID:	75VP-19-05-62-66	75VP-19-05-72-76	75VP-19-05-82-86	75VP-19-05-92-96	A1-VP-DUP-R1-5719
Sample Begin Depth:	62.00	72.00	82.00	92.00	32.00
Sample End Depth:	66.00	76.00	86.00	96.00	36.00
Sample Date:	05/07/2019	05/08/2019	05/08/2019	05/08/2019	05/07/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.30 U	9.50 U	9.40 U	9.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.30 U	9.50 U	9.40 U	9.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.30 U	9.50 U	9.40 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	0.920 U	2.30	3.50	5.10	0.990 U
Perfluorodecanoic acid (PFDA)	0.920 U	0.930 U	0.950 U	0.940 U	0.990 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	7.00	1.40 U	33.0	2.10
Perfluorohexanesulfonic acid (PFHxS)	1.80 U	17.0	3.80	63.0	2.00 U
Perfluorohexanoic acid (PFHxA)	0.920 U	12.0	0.970 J	43.0	1.70 J
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.10 J	1.30 J
Perfluorooctanesulfonic acid (PFOS)	2.80 U	9.00	2.80 U	46.0	3.50 J
Perfluorooctanoic acid (PFOA)	1.40 U	4.40	1.40 U	25.0	1.50 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	2.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U

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	Locations: 75VP-19-06	75VP-19-06	75VP-19-07	75VP-19-08	75VP-19-08
Field Sample ID:	75VP-19-06-22-26	75VP-19-06-27.8-31.8	75VP-19-07-18.5-22.5	75VP-19-08-22-26	75VP-19-08-28-32
Sample Begin Depth:	22.00	27.80	18.50	22.00	28.00
Sample End Depth:	26.00	31.80	22.50	26.00	32.00
Sample Date:	05/06/2019	05/06/2019	05/06/2019	05/09/2019	05/09/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	19.0 U	18.0 U	19.0 U	25.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.50 U	9.20 U	9.30 U	12.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.50 U	9.20 U	9.30 U	12.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.50 U	9.20 U	9.30 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	2.10 U	1.90 U	1.80 U	1.80 J	1.70 J
Perfluorodecanoic acid (PFDA)	1.00 U	0.950 U	0.920 U	0.930 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.40 U	1.40 U	1.40 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	5.20	23.0	2.60	4.30	4.60
Perfluorohexanesulfonic acid (PFHxS)	7.90	26.0	8.90	9.50	9.80
Perfluorohexanoic acid (PFHxA)	4.90	17.0	4.40	8.10	8.40
Perfluorononanoic acid (PFNA)	1.60 U	3.30	1.40 U	0.670 J	1.90 U
Perfluorooctanesulfonic acid (PFOS)	14.0	71.0	5.10	11.0	8.80
Perfluorooctanoic acid (PFOA)	6.40	19.0	7.20	11.0	10.0
Perfluorotetradecanoic acid (PFTA)	3.10 U	2.80 U	2.80 U	2.80 U	3.70 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	2.80 U	2.80 U	2.80 U	3.70 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.40 U	1.40 U	1.40 U	1.90 U

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	Locations: 75VP-19-09	75VP-19-09	75VP-19-09	75VP-19-09	75VP-19-09
Field Sample ID:	75VP-19-09-22-26	75VP-19-09-32-36	75VP-19-09-42-46	75VP-19-09-52-56	75VP-19-09-57-61
Sample Begin Depth:	22.00	32.00	42.00	52.00	57.00
Sample End Depth:	26.00	36.00	46.00	56.00	61.00
Sample Date:	06/20/2019	06/20/2019	06/20/2019	06/20/2019	06/21/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.30 U	9.40 U	9.20 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.30 U	9.40 U	9.20 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.30 U	9.40 U	9.20 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	3.10	0.600 J	0.820 J	0.980 J	0.630 J
Perfluorodecanoic acid (PFDA)	0.950 U	0.930 U	0.730 J	0.920 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.80	3.60	2.90	1.50 J	3.10
Perfluorohexanesulfonic acid (PFHxS)	1.00 J	0.920 J	0.530 J	6.10	1.30 J
Perfluorohexanoic acid (PFHxA)	9.40	3.50	2.90	2.30	4.10
Perfluorononanoic acid (PFNA)	2.80	0.580 J	1.80 J	1.50 J	2.10
Perfluorooctanesulfonic acid (PFOS)	3.60 J	3.10 J	4.10	6.60	11.0
Perfluorooctanoic acid (PFOA)	13.0	13.0	6.70	5.10	6.20
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 75VP-19-09 (FD)	75VP-20-01	75VP-20-01	75VP-20-01	75VP-20-01
Field Sample ID:	A1-VP-DUP-R2-062019	75VP-20-01-103-107	75VP-20-01-13-17	75VP-20-01-23-27	75VP-20-01-33-37
Sample Begin Depth:	42.00	103.00	13.00	23.00	33.00
Sample End Depth:	46.00	107.00	17.00	27.00	37.00
Sample Date:	06/20/2019	02/12/2020	02/07/2020	02/10/2020	02/10/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	18.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.30 U	9.20 U	9.40 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.30 U	9.20 U	9.40 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.30 U	9.20 U	9.40 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	0.800 J	1.00 J	1.70 J	0.960 J	1.30 J
Perfluorodecanoic acid (PFDA)	0.670 J	0.930 U	0.920 U	0.940 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.80	1.10 J	13.0	4.60	4.20
Perfluorohexanesulfonic acid (PFHxS)	0.650 J	1.90	9.10	3.70	5.50
Perfluorohexanoic acid (PFHxA)	2.60	4.90	30.0	11.0	4.60
Perfluorononanoic acid (PFNA)	1.80 J	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	4.10	2.80 U	20.0	4.50	1.20 J
Perfluorooctanoic acid (PFOA)	6.90	1.40 U	22.0	8.80	6.30
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.70 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.70 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 75VP-20-01	75VP-20-01	75VP-20-01	75VP-20-01	75VP-20-01
Field Sample ID:	75VP-20-01-43-47	75VP-20-01-53-57	75VP-20-01-63-67	75VP-20-01-73-77	75VP-20-01-83-87
Sample Begin Depth:	43.00	53.00	63.00	73.00	83.00
Sample End Depth:	47.00	57.00	67.00	77.00	87.00
Sample Date:	02/10/2020	02/10/2020	02/11/2020	02/11/2020	02/11/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	23.0 U	23.0 U	20.0 U	22.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	12.0 U	11.0 U	10.0 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	12.0 U	11.0 U	10.0 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	12.0 U	11.0 U	10.0 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	1.40 J	1.80 J	6.70	3.50	0.600 J
Perfluorodecanoic acid (PFDA)	0.920 U	1.20 U	1.10 U	1.00 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.70 U	1.70 U	1.50 U	1.70 U
Perfluoroheptanoic acid (PFHpA)	1.90	2.90	6.80	0.810 J	1.70 U
Perfluorohexanesulfonic acid (PFHxS)	5.10	59.0	150	20.0	2.10 J
Perfluorohexanoic acid (PFHxA)	3.60	12.0	20.0	3.50	1.10 U
Perfluorononanoic acid (PFNA)	1.40 U	1.70 U	1.70 U	1.50 U	1.70 U
Perfluorooctanesulfonic acid (PFOS)	1.20 J	4.50 J	13.0	3.00 U	3.30 U
Perfluorooctanoic acid (PFOA)	4.20	11.0	24.0	2.40	1.70 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.50 U	3.40 U	3.00 U	3.30 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.50 U	3.40 U	3.00 U	3.30 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.70 U	1.70 U	1.50 U	1.70 U

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Locations: 75VP-20-01 75VP-20-01 (FD) 75VP-20-01 (FD)			
Field Sample ID: 75VP-20-01-93-97 A1-VP-DUP-R2-020720 A1-VP-DUP-R2-021120			
Sample Begin Depth: 93.00 13.00 63.00			
Sample End Depth: 97.00 17.00 67.00			
Sample Date: 02/12/2020 02/07/2020 02/11/2020			
PFAS (ng/L)			
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.10 U	12.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.10 U	12.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.10 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	1.20 J	2.10	6.90
Perfluorodecanoic acid (PFDA)	0.940 U	0.910 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.70 U
Perfluoroheptanoic acid (PFHpA)	1.10 J	13.0	6.40
Perfluorohexanesulfonic acid (PFHxS)	4.30	9.20	140
Perfluorohexanoic acid (PFHxA)	3.80	30.0	21.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.70 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	21.0	13.0
Perfluorooctanoic acid (PFOA)	0.790 J	22.0	23.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	3.50 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	3.50 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.70 U

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KOMAN, PFAS RI, Vertical Profile Samples-Cold Spring Brook

Cold Spring Brook

	Locations: 5702VP-20-01	5702VP-20-01	5702VP-20-01	5702VP-20-01	5702VP-20-01
Field Sample ID:	5702VP-20-01-10-14	5702VP-20-01-15-19	5702VP-20-01-20-24	5702VP-20-01-25-29	5702VP-20-01-30-34
Sample Begin Depth:	10.00	15.00	20.00	25.00	30.00
Sample End Depth:	14.00	19.00	24.00	29.00	34.00
Sample Date:	04/23/2020	04/23/2020	04/23/2020	04/23/2020	04/23/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	94.0 U	93.0 U	19.0 U	22.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	47.0 U	47.0 U	9.30 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	47.0 U	47.0 U	9.30 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	47.0 U	47.0 U	9.30 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	19.0	34.0	17.0	7.70	1.60 J
Perfluorodecanoic acid (PFDA)	0.960 U	2.90 J	3.80 J	9.90	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 U	7.10 U	7.00 U	1.40 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	200	480	670	340	18.0
Perfluorohexanesulfonic acid (PFHxS)	110	240	170	52.0	17.0
Perfluorohexanoic acid (PFHxA)	240	670	630	310	32.0
Perfluorononanoic acid (PFNA)	5.00	6.70 J	7.70 J	7.20	1.00 J
Perfluorooctanesulfonic acid (PFOS)	20.0	51.0	35.0	27.0	6.10
Perfluorooctanoic acid (PFOA)	200	310	230	120	22.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	14.0 U	14.0 U	2.80 U	3.30 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	14.0 U	14.0 U	2.80 U	3.30 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	7.10 U	7.00 U	1.40 U	1.60 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

	Locations: 5702VP-20-01	5702VP-20-01	5702VP-20-01	5702VP-20-01	5702VP-20-01 (FD)
Field Sample ID:	5702VP-20-01-35-39	5702VP-20-01-40-44	5702VP-20-01-50-54	5702VP-20-01-5-9	A1-VP-DUP-1-42320
Sample Begin Depth:	35.00	40.00	50.00	5.00	15.00
Sample End Depth:	39.00	44.00	54.00	9.00	19.00
Sample Date:	04/23/2020	04/24/2020	04/24/2020	04/22/2020	04/23/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	92.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.30 U	9.60 U	9.40 U	46.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.30 U	9.60 U	9.40 U	46.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.30 U	9.60 U	9.40 U	46.0 U
Perfluorobutanesulfonic acid (PFBS)	0.730 J	0.930 U	0.960 U	11.0	33.0
Perfluorodecanoic acid (PFDA)	0.940 U	0.930 U	0.960 U	0.940 U	2.80 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	6.90 U
Perfluoroheptanoic acid (PFHpA)	1.30 J	1.40 U	2.50	91.0	470
Perfluorohexanesulfonic acid (PFHxS)	6.40	0.390 J	1.00 J	50.0	230
Perfluorohexanoic acid (PFHxA)	3.40	0.930 U	2.80	110	660
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	8.30	6.30 J
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.80 U	2.90 U	15.0	47.0
Perfluorooctanoic acid (PFOA)	2.30	1.40 U	1.40 J	150	320
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	2.80 U	14.0 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 U	2.80 U	14.0 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	6.90 U

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	Locations: 5702VP-20-01 (FD)	5702VP-20-02	5702VP-20-02	5702VP-20-02	5702VP-20-02
Field Sample ID:	A1-VP-DUP-42220	5702VP-20-02-10-14	5702VP-20-02-15-19	5702VP-20-02-20-24	5702VP-20-02-25-29
Sample Begin Depth:	5.00	10.00	15.00	20.00	25.00
Sample End Depth:	9.00	14.00	19.00	24.00	29.00
Sample Date:	04/22/2020	04/21/2020	04/21/2020	04/21/2020	04/22/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	7.30 J	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.60 U	9.30 U	9.50 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.60 U	9.30 U	9.50 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.60 U	9.30 U	9.50 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	10.0	16.0	13.0	1.70 J	1.40 J
Perfluorodecanoic acid (PFDA)	0.940 U	3.10	8.70	0.950 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	90.0	950	670	8.00	1.20 J
Perfluorohexanesulfonic acid (PFHxS)	55.0	250	130	14.0	15.0
Perfluorohexanoic acid (PFHxA)	110	660	570	14.0	1.00 J
Perfluorononanoic acid (PFNA)	8.40	13.0	9.70	0.720 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	15.0	99.0	40.0	4.40	1.50 J
Perfluorooctanoic acid (PFOA)	150	670	210	14.0	2.80
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.80 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.80 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 5702VP-20-02	5702VP-20-02	5702VP-20-02	5702VP-20-02	5702VP-20-02
Field Sample ID:	5702VP-20-02-30-34	5702VP-20-02-35-39	5702VP-20-02-40-44	5702VP-20-02-50-54	5702VP-20-02-5-9
Sample Begin Depth:	30.00	35.00	40.00	50.00	5.00
Sample End Depth:	34.00	39.00	44.00	54.00	9.00
Sample Date:	04/22/2020	04/22/2020	04/22/2020	04/22/2020	04/21/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.40 U	9.60 U	9.70 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.40 U	9.60 U	9.70 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.40 U	9.60 U	9.70 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	0.940 U	0.940 U	0.960 U	1.30 J	13.0
Perfluorodecanoic acid (PFDA)	0.940 U	0.940 U	0.960 U	0.970 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.20 J	0.850 J	2.40	0.690 J	300
Perfluorohexanesulfonic acid (PFHxS)	1.40 J	0.900 J	1.80 J	7.00	230
Perfluorohexanoic acid (PFHxA)	1.20 J	1.10 J	2.20	3.30	340
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.50 U	2.60
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.80 U	2.90 U	2.90 U	41.0
Perfluorooctanoic acid (PFOA)	1.50 J	1.60 J	2.60	1.40 J	440
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.50 U	1.40 U

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	Locations: 5702VP-20-02 (FD)	5702VP-20-03	5702VP-20-03	5702VP-20-03	5702VP-20-03
Field Sample ID:	A1-VP-DUP-1-042120	5702VP-20-03-10-14	5702VP-20-03-15-19	5702VP-20-03-20-24	5702VP-20-03-25-29
Sample Begin Depth:	5.00	10.00	15.00	20.00	25.00
Sample End Depth:	9.00	14.00	19.00	24.00	29.00
Sample Date:	04/21/2020	04/17/2020	04/17/2020	04/17/2020	04/20/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	19.0 U	38.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.50 U	9.40 U	19.0 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.50 U	9.40 U	19.0 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.50 U	9.40 U	19.0 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	12.0	1.50 J	1.50 J	1.30 J	1.30 J
Perfluorodecanoic acid (PFDA)	0.980 U	0.950 U	0.940 U	1.90 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.50 U	0.660 J	1.40 U	2.80 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	290	14.0	2.40	2.80 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	230	14.0	12.0	11.0	8.30
Perfluorohexanoic acid (PFHxA)	330	19.0	3.60	1.90 U	1.10 J
Perfluorononanoic acid (PFNA)	2.30	0.570 J	1.40 U	2.80 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	44.0	4.30	2.70 J	5.70 U	2.80 U
Perfluorooctanoic acid (PFOA)	430	21.0	6.00	2.80 U	0.910 J
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	5.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.80 U	5.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	2.80 U	1.40 U

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	Locations: 5702VP-20-03	5702VP-20-03	5702VP-20-03	5702VP-20-03	5702VP-20-03
Field Sample ID:	5702VP-20-03-30-34	5702VP-20-03-35-39	5702VP-20-03-40-44	5702VP-20-03-45-49	5702VP-20-03-50-54
Sample Begin Depth:	30.00	35.00	40.00	45.00	50.00
Sample End Depth:	34.00	39.00	44.00	49.00	54.00
Sample Date:	04/20/2020	04/20/2020	04/20/2020	04/20/2020	04/20/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.50 U	9.50 U	9.60 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.50 U	9.50 U	9.60 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.50 U	9.50 U	9.60 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	1.10 J	0.950 U	0.870 J	1.40 J	0.940 U
Perfluorodecanoic acid (PFDA)	0.940 U	0.950 U	0.950 U	0.960 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	6.70	1.70 J	1.80 J	6.20	0.940 J
Perfluorohexanoic acid (PFHxA)	1.60 J	0.950 U	0.950 U	2.60	0.940 U
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.90 U	2.80 U	2.90 U	2.80 U
Perfluorooctanoic acid (PFOA)	1.00 J	0.620 J	0.600 J	1.40 J	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.80 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.80 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 5702VP-20-03	5702VP-20-03 (FD)	5702VP-20-03 (FD)	5702VP-20-04	5702VP-20-04
Field Sample ID:	5702VP-20-03-5-9	A1-VP-DUP-1-41720	A1-VP-DUP-1-42020	5702VP-20-04-10-12	5702VP-20-04-15-17
Sample Begin Depth:	5.00	15.00	25.00	10.00	15.00
Sample End Depth:	9.00	19.00	29.00	12.00	17.00
Sample Date:	04/17/2020	04/17/2020	04/20/2020	04/16/2020	04/16/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	22.0 U	20.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	10.0 U	9.70 U	9.60 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	10.0 U	9.70 U	9.60 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	10.0 U	9.70 U	9.60 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	1.70 J	1.50 J	1.20 J	2.50	1.80 J
Perfluorodecanoic acid (PFDA)	1.10 U	1.00 U	0.970 U	0.960 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.50 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	22.0	2.10	1.50 U	1.20 J	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	21.0	12.0	7.80	22.0	12.0
Perfluorohexanoic acid (PFHxA)	26.0	3.80	0.760 J	3.50	0.940 U
Perfluorononanoic acid (PFNA)	0.690 J	1.50 U	1.50 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	7.20	2.60 J	2.90 U	2.60 J	2.80 U
Perfluorooctanoic acid (PFOA)	32.0	6.10	0.940 J	5.80	0.710 J
Perfluorotetradecanoic acid (PFTA)	3.20 U	3.00 U	2.90 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.20 U	3.00 U	2.90 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.50 U	1.50 U	1.40 U	1.40 U

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	Locations: 5702VP-20-04	5702VP-20-04	5702VP-20-04	5702VP-20-04	5702VP-20-04
Field Sample ID:	5702VP-20-04-20-22	5702VP-20-04-25-27	5702VP-20-04-30-32	5702VP-20-04-35-37	5702VP-20-04-40-42
Sample Begin Depth:	20.00	25.00	30.00	35.00	40.00
Sample End Depth:	22.00	27.00	32.00	37.00	42.00
Sample Date:	04/16/2020	04/16/2020	04/16/2020	04/16/2020	04/17/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	31.0 U	27.0 U	40.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	9.40 U	16.0 U	13.0 U	20.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	9.40 U	16.0 U	13.0 U	20.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.40 U	16.0 U	13.0 U	20.0 U
Perfluorobutanesulfonic acid (PFBS)	1.20 J	0.450 J	1.60 U	0.960 J	2.00 U
Perfluorodecanoic acid (PFDA)	0.970 U	0.940 U	1.60 U	1.30 U	2.00 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	2.30 U	2.00 U	3.00 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	1.40 U	2.30 U	2.00 U	3.00 U
Perfluorohexanesulfonic acid (PFHxS)	9.40	1.70 J	3.10	3.50	2.00 J
Perfluorohexanoic acid (PFHxA)	0.970 U	0.940 U	1.60 U	1.30 U	2.00 U
Perfluorononanoic acid (PFNA)	1.50 U	1.40 U	2.30 U	2.00 U	3.00 U
Perfluorooctanesulfonic acid (PFOS)	1.30 J	2.80 U	4.70 U	4.00 U	6.00 U
Perfluorooctanoic acid (PFOA)	1.20 J	0.650 J	2.30 U	2.00 U	3.00 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	4.70 U	4.00 U	6.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	4.70 U	4.00 U	6.00 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	2.30 U	2.00 U	3.00 U

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	Locations: 5702VP-20-04	5702VP-20-04	5702VP-20-04 (FD)	5703VP-20-01	5703VP-20-01
Field Sample ID:	5702VP-20-04-50-52	5702VP-20-04-5-7	A1-VP-DUP-1-41620	5703VP-20-01-10-12	5703VP-20-01-15-17
Sample Begin Depth:	50.00	5.00	15.00	10.00	15.00
Sample End Depth:	52.00	7.00	17.00	12.00	17.00
Sample Date:	04/17/2020	04/16/2020	04/16/2020	04/07/2020	04/07/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	27.0 U	19.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	14.0 U	9.50 U	9.20 U	9.00 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	14.0 U	9.50 U	9.20 U	9.00 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	14.0 U	9.50 U	9.20 U	9.00 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	0.930 J	2.30	1.80	3.30	1.40 J
Perfluorodecanoic acid (PFDA)	1.40 U	0.880 J	0.920 U	0.900 U	0.890 U
Perfluorododecanoic acid (PFDoA)	2.00 U	1.40 U	1.40 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	1.10 J	7.60	1.40 U	18.0	7.20
Perfluorohexanesulfonic acid (PFHxS)	3.00	24.0	13.0	6.70	9.80
Perfluorohexanoic acid (PFHxA)	4.30	18.0	0.920 U	46.0	15.0
Perfluorononanoic acid (PFNA)	2.00 U	1.40 U	1.40 U	1.30 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	4.10 U	6.90	2.80 U	2.70 U	2.70 U
Perfluorooctanoic acid (PFOA)	4.30	35.0	0.840 J	6.60	15.0
Perfluorotetradecanoic acid (PFTA)	4.10 U	2.90 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	4.10 U	2.90 U	2.80 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	2.00 U	1.40 U	1.40 U	1.30 U	1.30 U

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	Locations: 5703VP-20-01	5703VP-20-01	5703VP-20-01	5703VP-20-01	5703VP-20-01 (FD)
Field Sample ID:	5703VP-20-01-20-22	5703VP-20-01-25-27	5703VP-20-01-30-32	5703VP-20-01-5-7	A1-VP-DUP-1-4720
Sample Begin Depth:	20.00	25.00	30.00	5.00	10.00
Sample End Depth:	22.00	27.00	32.00	7.00	12.00
Sample Date:	04/07/2020	04/07/2020	04/08/2020	04/07/2020	04/07/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 UJ	22.0 U	19.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 UJ	11.0 U	9.40 U	9.60 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 UJ	11.0 UJ	9.40 U	9.60 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 UJ	11.0 UJ	9.40 U	9.60 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	2.60 J	7.10	11.0	3.00	3.30
Perfluorodecanoic acid (PFDA)	0.970 UJ	1.10 UJ	0.940 U	0.960 U	0.890 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	1.60 UJ	1.40 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	5.10 J	3.50	8.90	19.0	18.0
Perfluorohexanesulfonic acid (PFHxS)	27.0 J	28.0 J	57.0	5.30	7.60
Perfluorohexanoic acid (PFHxA)	16.0 J	23.0 J	44.0	44.0	45.0
Perfluorononanoic acid (PFNA)	1.50 UJ	1.60 U	1.40 U	1.40 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	2.80 J	3.30 UJ	5.00	2.90 U	2.70 U
Perfluorooctanoic acid (PFOA)	12.0 J	9.50 J	23.0	3.70	5.50
Perfluorotetradecanoic acid (PFTA)	2.90 UJ	3.30 UJ	2.80 U	2.90 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.90 UJ	3.30 UJ	2.80 U	2.90 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.50 UJ	1.60 UJ	1.40 U	1.40 U	1.30 U

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	Locations: 5703VP-20-02	5703VP-20-02	5703VP-20-02	5703VP-20-02	5703VP-20-02
Field Sample ID:	5703VP-20-02-10-12	5703VP-20-02-15-17	5703VP-20-02-20-22	5703VP-20-02-25-27	5703VP-20-02-30-32
Sample Begin Depth:	10.00	15.00	20.00	25.00	30.00
Sample End Depth:	12.00	17.00	22.00	27.00	32.00
Sample Date:	04/08/2020	04/08/2020	04/08/2020	04/09/2020	04/09/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	19.0 U	14.0 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.20 U	9.30 U	9.40 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.20 U	9.30 U	9.40 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.20 U	9.30 U	9.40 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.90	2.30	6.10	6.80	2.70
Perfluorodecanoic acid (PFDA)	0.900 U	0.920 U	0.930 U	0.940 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.40 U	1.40 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	6.40	4.70	6.40	1.60 J	0.810 J
Perfluorohexanesulfonic acid (PFHxS)	8.30	11.0	58.0	12.0	6.20
Perfluorohexanoic acid (PFHxA)	13.0	12.0	27.0	17.0	5.60
Perfluorononanoic acid (PFNA)	1.30 U	1.40 U	1.40 U	1.40 U	1.60 U
Perfluorooctanesulfonic acid (PFOS)	2.70 U	2.80 U	2.50 J	2.80 U	3.10 U
Perfluorooctanoic acid (PFOA)	3.80	6.30	21.0	2.60	2.00 J
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.80 U	1.40 J
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.40 U	1.40 U	1.60 U

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	Locations: 5703VP-20-02	5703VP-20-02	5703VP-20-03	5703VP-20-03	5703VP-20-03
Field Sample ID:	5703VP-20-02-35-37	5703VP-20-02-5-7	5703VP-20-03-10-12	5703VP-20-03-15-17	5703VP-20-03-20-22
Sample Begin Depth:	35.00	5.00	10.00	15.00	20.00
Sample End Depth:	37.00	7.00	12.00	17.00	22.00
Sample Date:	04/09/2020	04/08/2020	04/09/2020	04/09/2020	04/10/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	44.0 U	18.0 U	19.0 U	20.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	22.0 U	8.80 U	9.40 U	10.0 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	22.0 U	8.80 U	9.40 U	10.0 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	22.0 U	8.80 U	9.40 U	10.0 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	1.00 J	1.70 J	6.10	1.80 J	2.30
Perfluorodecanoic acid (PFDA)	2.20 U	0.880 U	0.940 U	1.00 U	0.920 U
Perfluorododecanoic acid (PFDoA)	3.30 U	1.30 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	3.30 U	7.60	18.0	4.40	0.870 J
Perfluorohexanesulfonic acid (PFHxS)	3.60 J	7.30	6.60	6.00	4.70
Perfluorohexanoic acid (PFHxA)	2.70 J	15.0	77.0	13.0	1.70 J
Perfluorononanoic acid (PFNA)	3.30 U	1.30 U	1.40 U	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	6.70 U	2.70 U	2.80 U	3.10 U	2.80 U
Perfluorooctanoic acid (PFOA)	2.10 J	1.40 J	2.30	2.10	0.700 J
Perfluorotetradecanoic acid (PFTA)	6.70 U	2.70 U	2.80 U	3.10 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	6.70 U	2.70 U	2.80 U	3.10 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	3.30 U	1.30 U	1.40 U	1.50 U	1.40 U

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	Locations: 5703VP-20-03	5703VP-20-03	5703VP-20-03	5703VP-20-03 (FD)	5703VP-20-04
Field Sample ID:	5703VP-20-03-25-27	5703VP-20-03-30-32	5703VP-20-03-5-7	A1-VP-DUP1-41020	5703VP-20-04-10-12
Sample Begin Depth:	25.00	30.00	5.00	20.00	10.00
Sample End Depth:	27.00	32.00	7.00	22.00	12.00
Sample Date:	04/10/2020	04/10/2020	04/09/2020	04/10/2020	04/14/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	26.0 U	38.0 U	20.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	13.0 U	19.0 U	9.80 U	9.30 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	13.0 U	19.0 U	9.80 U	9.30 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	13.0 U	19.0 U	9.80 U	9.30 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	6.10	1.50 J	5.70	2.10	2.10
Perfluorodecanoic acid (PFDA)	1.30 U	1.90 U	0.980 U	0.930 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.90 U	2.80 U	1.50 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.90 J	2.80 U	1.50 U	0.930 J	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	9.10	2.00 J	5.40	4.40	6.20
Perfluorohexanoic acid (PFHxA)	16.0	2.90 J	0.830 J	1.60 J	1.00 U
Perfluorononanoic acid (PFNA)	1.90 U	2.80 U	1.50 U	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	3.90 U	5.70 U	2.90 U	2.80 U	3.00 U
Perfluorooctanoic acid (PFOA)	1.80 J	2.80 U	0.980 J	0.720 J	0.700 J
Perfluorotetradecanoic acid (PFTA)	3.90 U	5.70 U	2.90 U	2.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	3.90 U	5.70 U	2.90 U	2.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.90 U	2.80 U	1.50 U	1.40 U	1.50 U

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	Locations: 5703VP-20-04	5703VP-20-04	5703VP-20-04	5703VP-20-04	5703VP-20-04
Field Sample ID:	5703VP-20-04-15-17	5703VP-20-04-20-22	5703VP-20-04-30-32	5703VP-20-04-35-37	5703VP-20-04-5-7
Sample Begin Depth:	15.00	20.00	30.00	35.00	5.00
Sample End Depth:	17.00	22.00	32.00	37.00	7.00
Sample Date:	04/14/2020	04/14/2020	04/14/2020	04/15/2020	04/14/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	23.0 U	39.0 U	72.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	11.0 U	20.0 U	36.0 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	11.0 U	20.0 U	36.0 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	11.0 U	20.0 U	36.0 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	1.90 U	2.40	3.90 U	2.80 J	0.920 U
Perfluorodecanoic acid (PFDA)	0.930 U	1.10 U	2.00 U	3.60 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.70 U	3.00 U	5.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.70 U	3.00 U	5.40 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	4.70	3.20	3.90 U	4.80 J	3.30
Perfluorohexanoic acid (PFHxA)	0.930 U	1.10 U	5.00	4.40 J	0.920 U
Perfluorononanoic acid (PFNA)	1.40 U	1.70 U	3.00 U	5.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	3.40 U	2.70 J	11.0 U	2.80 U
Perfluorooctanoic acid (PFOA)	1.40 U	1.70 U	2.90 J	5.20 J	0.660 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.40 U	5.90 U	11.0 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.40 U	5.90 U	11.0 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.70 U	3.00 U	5.40 U	1.40 U

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	74VP-20-02	74VP-20-02	74VP-20-02	74VP-20-02	74VP-20-03
Locations:	74VP-20-02	74VP-20-02	74VP-20-02	74VP-20-02	74VP-20-03
Field Sample ID:	74VP-20-02-10-12	74VP-20-02-20-22	74VP-20-02-35-37	74VP-20-02-5-7	74VP-20-03-15-17
Sample Begin Depth:	10.00	20.00	35.00	5.00	15.00
Sample End Depth:	12.00	22.00	37.00	7.00	17.00
Sample Date:	04/02/2020	04/02/2020	04/02/2020	04/02/2020	04/03/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	41.0 U	49.0 U	18.0 U	29.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	21.0 U	25.0 U	9.10 U	14.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	21.0 U	25.0 U	9.10 U	14.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	21.0 U	25.0 U	9.10 U	14.0 U
Perfluorobutanesulfonic acid (PFBS)	0.620 J	2.10 U	2.50 U	0.910 U	0.700 J
Perfluorodecanoic acid (PFDA)	1.00 U	2.10 U	2.50 U	0.910 U	1.50 J
Perfluorododecanoic acid (PFDoA)	1.50 U	3.10 U	3.70 U	1.40 U	2.10 U
Perfluoroheptanoic acid (PFHpA)	12.0	20.0	4.50 J	2.10	28.0
Perfluorohexanesulfonic acid (PFHxS)	1.20 J	1.40 J	1.60 J	0.900 J	2.30 J
Perfluorohexanoic acid (PFHxA)	16.0	27.0	8.30	1.40 J	47.0
Perfluorononanoic acid (PFNA)	5.00	2.10 J	1.50 J	1.40 U	1.70 J
Perfluorooctanesulfonic acid (PFOS)	8.80	7.60 J	7.00 J	6.40	8.40
Perfluorooctanoic acid (PFOA)	43.0	38.0	12.0	7.40	60.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	6.20 U	7.40 U	2.70 U	4.30 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	6.20 U	7.40 U	2.70 U	4.30 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	3.10 U	3.70 U	1.40 U	2.10 U

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	74VP-20-03	74VP-20-03	74VP-20-03	74VP-20-03	74VP-20-04
Locations:	74VP-20-03	74VP-20-03	74VP-20-03	74VP-20-03	74VP-20-04
Field Sample ID:	74VP-20-03-20-22	74VP-20-03-25-27	74VP-20-03-29.5-31.5	74VP-20-03-5-7	74VP-20-04-10-12
Sample Begin Depth:	20.00	25.00	29.50	5.00	10.00
Sample End Depth:	22.00	27.00	31.50	7.00	12.00
Sample Date:	04/03/2020	04/03/2020	04/03/2020	04/03/2020	04/07/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	54.0 U	18.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	27.0 U	8.90 U	8.90 U	9.20 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	27.0 U	8.90 U	8.90 U	9.20 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	27.0 U	8.90 U	8.90 U	9.20 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	2.70 U	0.890 U	0.890 U	0.940 J	0.600 J
Perfluorodecanoic acid (PFDA)	2.70 U	0.890 U	0.890 U	0.600 J	0.890 U
Perfluorododecanoic acid (PFDoA)	4.10 U	1.30 U	1.30 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	10.0	9.50	9.40	17.0	8.80
Perfluorohexanesulfonic acid (PFHxS)	1.80 J	0.700 J	0.720 J	1.60 J	1.00 J
Perfluorohexanoic acid (PFHxA)	16.0	59.0	58.0	19.0	22.0
Perfluorononanoic acid (PFNA)	4.10 U	1.30 U	1.30 U	1.10 J	1.30 U
Perfluorooctanesulfonic acid (PFOS)	8.10 U	2.70 U	2.70 U	9.60	2.70 U
Perfluorooctanoic acid (PFOA)	19.0	17.0	17.0	41.0	14.0
Perfluorotetradecanoic acid (PFTA)	8.10 U	2.70 U	2.70 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	8.10 U	2.70 U	2.70 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	4.10 U	1.30 U	1.30 U	1.40 U	1.30 U

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	Locations: 74VP-20-04	75VP-20-02	75VP-20-02	75VP-20-02	75VP-20-02
Field Sample ID:	74VP-20-04-25-27	75VP-20-02-13-15	75VP-20-02-18-20	75VP-20-02-23-25	75VP-20-02-28-30
Sample Begin Depth:	25.00	13.00	18.00	23.00	28.00
Sample End Depth:	27.00	15.00	20.00	25.00	30.00
Sample Date:	04/07/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	18.0 U	17.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.50 U	9.10 U	8.70 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.50 U	9.10 U	8.70 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.50 U	9.10 U	8.70 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	0.960 U	12.0	6.20	8.70	35.0
Perfluorodecanoic acid (PFDA)	0.960 U	0.950 U	0.910 U	0.870 U	0.890 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	19.0	12.0	16.0	33.0
Perfluorohexanesulfonic acid (PFHxS)	0.960 U	640	420	470	730
Perfluorohexanoic acid (PFHxA)	12.0	69.0	42.0	55.0	100
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.30 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	170	130	96.0	20.0
Perfluorooctanoic acid (PFOA)	1.40 U	120	82.0	82.0	81.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.70 U	2.60 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.70 U	2.60 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.30 U	1.30 U

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	Locations: 75VP-20-02	75VP-20-02	75VP-20-02	75VP-20-03	75VP-20-03
Field Sample ID:	75VP-20-02-33-35	75VP-20-02-4-6	75VP-20-02-8-10	75VP-20-03-10-12	75VP-20-03-15-17
Sample Begin Depth:	33.00	4.00	8.00	10.00	15.00
Sample End Depth:	35.00	6.00	10.00	12.00	17.00
Sample Date:	03/30/2020	03/30/2020	03/30/2020	03/31/2020	03/31/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	53.0 U	26.0 U	55.0 U	20.0 U	42.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	26.0 U	13.0 U	27.0 U	9.80 U	21.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	26.0 U	13.0 U	27.0 U	9.80 U	21.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	26.0 U	13.0 U	27.0 U	9.80 U	21.0 U
Perfluorobutanesulfonic acid (PFBS)	5.30	11.0	13.0	9.50	7.10
Perfluorodecanoic acid (PFDA)	2.60 U	1.30 U	2.70 U	0.980 U	2.10 U
Perfluorododecanoic acid (PFDoA)	4.00 U	1.90 U	4.10 U	1.50 U	3.10 U
Perfluoroheptanoic acid (PFHpA)	4.10 J	9.50	23.0	19.0	15.0
Perfluorohexanesulfonic acid (PFHxS)	150	62.0	670	610	360
Perfluorohexanoic acid (PFHxA)	12.0	13.0	73.0	63.0	46.0
Perfluorononanoic acid (PFNA)	4.00 U	1.90 U	4.10 U	1.50 U	3.10 U
Perfluorooctanesulfonic acid (PFOS)	19.0	22.0	180	150	75.0
Perfluorooctanoic acid (PFOA)	18.0	20.0	140	93.0	65.0
Perfluorotetradecanoic acid (PFTA)	7.90 U	3.90 U	8.20 U	2.90 U	6.20 U
Perfluorotridecanoic acid (PFTrDA)	7.90 U	3.90 U	8.20 U	2.90 U	6.20 U
Perfluoroundecanoic acid (PFUnA)	4.00 U	1.90 U	4.10 U	1.50 U	3.10 U

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	Locations: 75VP-20-03	75VP-20-03	75VP-20-03	75VP-20-03	75VP-20-03 (FD)
Field Sample ID:	75VP-20-03-20-22	75VP-20-03-25-27	75VP-20-03-30-32	75VP-20-03-5-7	A1-VP-DUP-1-3312020
Sample Begin Depth:	20.00	25.00	30.00	5.00	20.00
Sample End Depth:	22.00	27.00	32.00	7.00	22.00
Sample Date:	03/31/2020	03/31/2020	03/31/2020	03/31/2020	03/31/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	53.0 U	31.0 U	53.0 U	19.0 U	54.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	27.0 U	16.0 U	27.0 U	9.30 U	27.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	27.0 U	16.0 U	27.0 U	9.30 U	27.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	27.0 U	16.0 U	27.0 U	9.30 U	27.0 U
Perfluorobutanesulfonic acid (PFBS)	10.0	44.0	16.0	8.50	10.0
Perfluorodecanoic acid (PFDA)	2.70 U	1.60 U	2.70 U	4.70 U	2.70 U
Perfluorododecanoic acid (PFDoA)	4.00 U	2.40 U	4.00 U	1.40 U	4.10 U
Perfluoroheptanoic acid (PFHpA)	18.0	32.0	12.0	18.0	17.0
Perfluorohexanesulfonic acid (PFHxS)	490	660	230	580	490
Perfluorohexanoic acid (PFHxA)	53.0	100	37.0	59.0	52.0
Perfluorononanoic acid (PFNA)	4.00 U	2.40 U	4.00 U	1.40 U	4.10 U
Perfluorooctanesulfonic acid (PFOS)	63.0	26.0	22.0	170	66.0
Perfluorooctanoic acid (PFOA)	76.0	81.0	31.0	110	77.0
Perfluorotetradecanoic acid (PFTA)	8.00 U	4.70 U	8.00 U	2.80 U	8.20 U
Perfluorotridecanoic acid (PFTrDA)	8.00 U	4.70 U	8.00 U	2.80 U	8.20 U
Perfluoroundecanoic acid (PFUnA)	4.00 U	2.40 U	4.00 U	7.00 U	4.10 U

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	75VP-20-04	75VP-20-04	75VP-20-04	75VP-20-04	75VP-20-04
Locations:	75VP-20-04	75VP-20-04	75VP-20-04	75VP-20-04	75VP-20-04
Field Sample ID:	75VP-20-04-10-12	75VP-20-04-15-17	75VP-20-04-20-22	75VP-20-04-25-27	75VP-20-04-30-32
Sample Begin Depth:	10.00	15.00	20.00	25.00	30.00
Sample End Depth:	12.00	17.00	22.00	27.00	32.00
Sample Date:	04/01/2020	04/01/2020	04/01/2020	04/01/2020	04/01/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	17.0 U	39.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	8.80 U	9.00 U	8.70 U	20.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	8.80 U	9.00 U	8.70 U	20.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	8.80 U	9.00 U	8.70 U	20.0 U
Perfluorobutanesulfonic acid (PFBS)	9.20	6.10	16.0	33.0	2.70 J
Perfluorodecanoic acid (PFDA)	0.900 U	0.880 U	0.900 U	0.870 U	2.00 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.30 U	1.30 U	1.30 U	2.90 U
Perfluoroheptanoic acid (PFHpA)	15.0	11.0	22.0	10.0	1.90 J
Perfluorohexanesulfonic acid (PFHxS)	400	240	540	200	45.0 J
Perfluorohexanoic acid (PFHxA)	49.0	32.0	58.0	54.0	6.10
Perfluorononanoic acid (PFNA)	1.30 U	1.30 U	1.30 U	1.30 U	2.90 U
Perfluorooctanesulfonic acid (PFOS)	65.0	39.0	41.0	2.30 J	5.60 J
Perfluorooctanoic acid (PFOA)	68.0	41.0	71.0	19.0	7.60
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.60 U	2.70 U	2.60 U	5.90 U
Perfluorotridecanoic acid (PFTrDA)	1.00 J	2.60 U	2.70 U	2.60 U	5.90 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.30 U	1.30 U	1.30 U	2.90 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

Locations: 75VP-20-04	75VP-20-04 (FD)
Field Sample ID: 75VP-20-04-5-7	A1-VP-DUP-1-412020
Sample Begin Depth: 5.00	30.00
Sample End Depth: 7.00	32.00
Sample Date: 04/01/2020	04/01/2020

PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	29.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	14.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	14.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	14.0 U
Perfluorobutanesulfonic acid (PFBS)	18.0	2.00 J
Perfluorodecanoic acid (PFDA)	1.00 U	1.40 U
Perfluorododecanoic acid (PFDoA)	1.60 U	2.20 U
Perfluoroheptanoic acid (PFHpA)	18.0	1.50 J
Perfluorohexanesulfonic acid (PFHxS)	420	32.0 J
Perfluorohexanoic acid (PFHxA)	58.0	4.50
Perfluorononanoic acid (PFNA)	1.60 U	2.20 U
Perfluorooctanesulfonic acid (PFOS)	29.0	4.10 J
Perfluorooctanoic acid (PFOA)	63.0	4.80
Perfluorotetradecanoic acid (PFTA)	3.10 U	4.30 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	4.30 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	2.20 U

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Detects are displayed in bold font

Data Qualifier Definitions

J: The analyte was positively identified, but the associated numerical value is estimated and represents the approximate concentration of the analyte in the sample.
U: The analyte was not detected above the reported sample quantitation limit.
UJ: The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate.

Units

MG/KG = milligrams per kilogram
NG/L = nanograms per liter
PERCENT = percent
PPT = parts per thousand
UG/KG = microgram per kilogram
UG/L = microgram per liter