

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

KOMAN, PFAS RI, AOC 50 Drilling Fall 2018

AOC 50, Former Moore Army Air Field

	Locations: G6M-18-01	G6M-18-01	G6M-18-01	G6M-18-01	G6M-18-01
Field Sample ID:	G6M-18-01-GW-100-104	G6M-18-01-GW-110-114	G6M-18-01-GW-60-64	G6M-18-01-GW-70-74	G6M-18-01-GW-80-84
Sample Begin Depth:	100.00	110.00	60.00	70.00	80.00
Sample End Depth:	104.00	114.00	64.00	74.00	84.00
Sample Date:	10/24/2018	10/25/2018	10/24/2018	10/24/2018	10/24/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	76.3	154	18.7 U	18.3 U	22.3 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.23 U	9.69 U	9.33 U	9.13 U	11.2 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.23 U	9.69 U	9.33 U	9.13 U	11.2 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.23 U	9.69 U	9.33 U	9.13 U	11.2 U
Perfluorobutanesulfonic acid (PFBS)	29.4	33.2	1.01 J	0.624 J	2.16 J
Perfluorodecanoic acid (PFDA)	0.923 U	0.969 U	0.933 U	0.913 U	1.12 U
Perfluorododecanoic acid (PFDoA)	1.38 U	1.45 U	1.40 U	1.37 U	1.67 U
Perfluoroheptanoic acid (PFHpA)	131	83.8	4.67	2.92	6.00
Perfluorohexanesulfonic acid (PFHxS)	2100	3840	55.8	27.5	35.2
Perfluorohexanoic acid (PFHxA)	454	834	5.84	4.81	23.0
Perfluorononanoic acid (PFNA)	1.38 U	2.46	1.40 U	1.37 U	1.67 U
Perfluorooctanesulfonic acid (PFOS)	15.3	1380	1.04 J	2.74 U	1.58 J
Perfluorooctanoic acid (PFOA)	3290	3280	8.72	0.778 J	22.7
Perfluorotetradecanoic acid (PFTA)	2.77 U	2.91 U	2.80 U	2.74 U	3.35 U
Perfluorotridecanoic acid (PFTrDA)	2.77 U	2.91 U	2.80 U	2.74 U	3.35 U
Perfluoroundecanoic acid (PFUnA)	1.38 U	1.45 U	1.40 U	1.37 U	1.67 U

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	Locations: G6M-18-01	G6M-18-01 (FD)	G6M-18-02	G6M-18-02	G6M-18-02
Field Sample ID:	G6M-18-01-GW-90-94	G6M-18-01-GW_FD-1	G6M-18-02-GW-104-108	G6M-18-02-GW-114-118	G6M-18-02-GW-124-128
Sample Begin Depth:	90.00	100.00	104.00	114.00	124.00
Sample End Depth:	94.00	104.00	108.00	118.00	128.00
Sample Date:	10/24/2018	10/24/2018	10/23/2018	10/23/2018	10/23/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	7.30 J	73.2	344 J	379 J	244
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.41 U	9.32 U	9.72 U	3.93 J	9.63 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.41 U	9.32 U	9.72 U	9.99 U	9.63 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.41 U	9.32 U	9.72 U	9.99 U	9.63 U
Perfluorobutanesulfonic acid (PFBS)	22.4	30.0	76.9	120	65.6
Perfluorodecanoic acid (PFDA)	0.941 U	0.932 U	0.972 U	0.497 J	0.963 U
Perfluorododecanoic acid (PFDoA)	1.41 U	1.40 U	1.46 U	1.50 U	1.44 U
Perfluoroheptanoic acid (PFHpA)	48.7	139	172	163	144
Perfluorohexanesulfonic acid (PFHxS)	3260	2250	2610	1970	2130
Perfluorohexanoic acid (PFHxA)	575	430	1050	1030	752
Perfluorononanoic acid (PFNA)	1.41 U	1.40 U	4.38	4.22	4.13
Perfluorooctanesulfonic acid (PFOS)	2.82 U	13.9	737	908	806
Perfluorooctanoic acid (PFOA)	2700	3030	2420	2040	1710
Perfluorotetradecanoic acid (PFTA)	2.82 U	2.80 U	2.92 U	3.00 U	2.89 U
Perfluorotridecanoic acid (PFTrDA)	2.82 U	2.80 U	2.92 U	3.00 U	2.89 U
Perfluoroundecanoic acid (PFUnA)	1.41 U	1.40 U	1.46 U	1.50 U	1.44 U

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	Locations: G6M-18-02	G6M-18-02	G6M-18-02	G6M-18-02	G6M-18-02 (FD)
Field Sample ID:	G6M-18-02-GW-64-68	G6M-18-02-GW-74-78	G6M-18-02-GW-84-88	G6M-18-02-GW-94-98	G6M-18-02-GW-FD-2
Sample Begin Depth:	64.00	74.00	84.00	94.00	114.00
Sample End Depth:	68.00	78.00	88.00	98.00	118.00
Sample Date:	10/22/2018	10/22/2018	10/22/2018	10/23/2018	10/23/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	16.4 J	67.0	1720 J	834 J	383 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.63 U	9.64 U	9.85 U	9.71 U	4.27 J
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.63 U	9.64 U	9.85 U	9.71 U	9.74 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.63 U	9.64 U	9.85 U	9.71 U	9.74 U
Perfluorobutanesulfonic acid (PFBS)	1.94	7.21	244	117	117
Perfluorodecanoic acid (PFDA)	0.963 U	0.964 U	0.985 U	0.971 U	0.974 U
Perfluorododecanoic acid (PFDoA)	1.45 U	1.45 U	1.48 U	1.46 U	1.46 U
Perfluoroheptanoic acid (PFHpA)	6.20	24.4	579	297	163
Perfluorohexanesulfonic acid (PFHxS)	146	712	6690	4820	2140
Perfluorohexanoic acid (PFHxA)	18.2	69.4	4010	2240	974
Perfluorononanoic acid (PFNA)	1.45 U	1.45 U	2.61	2.65	3.93
Perfluorooctanesulfonic acid (PFOS)	57.1	28.5	1180	480	874
Perfluorooctanoic acid (PFOA)	95.6	178	9310	6320	2040
Perfluorotetradecanoic acid (PFTA)	2.89 U	2.89 U	2.95 U	2.91 U	2.92 U
Perfluorotridecanoic acid (PFTrDA)	2.89 U	2.89 U	2.95 U	2.91 U	2.92 U
Perfluoroundecanoic acid (PFUnA)	1.45 U	1.45 U	1.48 U	1.46 U	1.46 U

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KOMAN, PFAS RI, Monitoring Wells-Area 3

AOO 50, Former Moore Army Air Field

	Locations: G6M-01-01X	G6M-02-01X	G6M-02-06X	G6M-02-07X	G6M-02-08X
Field Sample ID:	G6M-01-01X_MAY19	G6M-02-01X_APR19	G6M-02-06X_MAY19	G6M-02-07X_APR19	G6M-02-08X_MAY19
Sample Begin Depth:	130.00	80.00	55.00	30.00	60.00
Sample End Depth:	150.00	95.00	65.00	40.00	70.00
Sample Date:	05/01/2019	04/26/2019	05/06/2019	04/29/2019	05/02/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	9.50 U	9.70 U	9.40 U	9.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	9.50 U	9.70 U	9.40 U	9.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.50 U	9.70 U	9.40 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	3.00	23.0	2.30	4.30	3.70
Perfluorodecanoic acid (PFDA)	0.970 U	0.950 U	0.970 U	1.70 J	0.990 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.90 U	1.50 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	2.40	13.0	3.70	7.10	5.00
Perfluorohexanesulfonic acid (PFHxS)	63.0	400	81.0	61.0	110
Perfluorohexanoic acid (PFHxA)	8.40	58.0	8.90	12.0	14.0
Perfluorononanoic acid (PFNA)	1.50 U	1.00 J	0.550 J	3.30	0.960 J
Perfluorooctanesulfonic acid (PFOS)	50.0	330	52.0	40.0	26.0
Perfluorooctanoic acid (PFOA)	14.0	97.0	18.0	24.0	24.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.90 U	2.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	1.20 J	2.90 U	2.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.50 U	1.40 U	1.50 U

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	Locations: G6M-02-09X	G6M-02-13X	G6M-03-11X	G6M-03-11X (FD)	G6M-04-03X
Field Sample ID:	G6M-02-09X_MAY19	G6M-02-13X_MAY19	G6M-03-11X_MAY19	A3-MW-DUP-050119	G6M-04-03X_APR19
Sample Begin Depth:	90.00	110.00	115.00	115.00	85.00
Sample End Depth:	105.00	120.00	130.00	130.00	95.00
Sample Date:	05/02/2019	05/02/2019	05/01/2019	05/01/2019	04/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	18.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.60 U	9.20 U	9.60 U	9.60 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.60 U	9.20 U	9.60 U	9.60 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.60 U	9.20 U	9.60 U	9.60 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	1.30 J	2.80	1.90 U	2.00 U	3.00
Perfluorodecanoic acid (PFDA)	0.860 U	0.920 U	0.960 U	0.960 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.30 U	2.40	2.00	2.30	3.60
Perfluorohexanesulfonic acid (PFHxS)	31.0	64.0	54.0	56.0	70.0
Perfluorohexanoic acid (PFHxA)	0.860 U	8.40	6.90	6.50	11.0
Perfluorononanoic acid (PFNA)	1.30 U	1.40 U	1.40 U	1.40 U	0.890 J
Perfluorooctanesulfonic acid (PFOS)	1.00 J	42.0	28.0	23.0	57.0
Perfluorooctanoic acid (PFOA)	2.90	12.0	10.0	10.0	17.0
Perfluorotetradecanoic acid (PFTA)	2.60 U	2.70 U	2.90 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	2.70 U	2.90 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: G6M-04-06X	G6M-04-08X	G6M-04-10X	G6M-04-10X (FD)	G6M-04-11X
Field Sample ID:	G6M-04-06X_MAY19	G6M-04-08X_APR19	G6M-04-10X_APR19	A3-G6M-DUP_APR19	G6M-04-11X_APR19
Sample Begin Depth:	95.00	80.00	52.00	52.00	35.00
Sample End Depth:	105.00	90.00	62.00	62.00	45.00
Sample Date:	05/01/2019	04/30/2019	04/29/2019	04/29/2019	04/25/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	19.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.20 U	9.60 U	9.80 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	2.60 J	9.60 U	9.80 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.20 U	9.60 U	9.80 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	3.30	5.30	6.00	6.20	2.40
Perfluorodecanoic acid (PFDA)	0.940 U	3.20	1.90	0.820 J	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.00 J	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	3.00	16.0	9.20	9.10	3.20
Perfluorohexanesulfonic acid (PFHxS)	71.0	14.0	160	150	83.0
Perfluorohexanoic acid (PFHxA)	12.0	21.0	23.0	23.0	10.0
Perfluorononanoic acid (PFNA)	1.40 U	6.90	5.40	4.20	1.40 J
Perfluorooctanesulfonic acid (PFOS)	4.30	93.0	210	200	78.0
Perfluorooctanoic acid (PFOA)	20.0	32.0	36.0	35.0	16.0
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	0.800 J	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 J	1.50 U	1.40 U

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	Locations: G6M-04-13X	G6M-04-14X	G6M-13-02X	G6M-13-03X	G6M-13-05X
Field Sample ID:	G6M-04-13X_MAY19	G6M-04-14X_APR19	G6M-13-02X_MAY19	G6M-13-03X_MAY19	G6M-13-05X_APR19
Sample Begin Depth:	30.00	80.00	115.00	80.00	45.00
Sample End Depth:	40.00	90.00	125.00	90.00	55.00
Sample Date:	05/08/2019	04/30/2019	05/02/2019	05/03/2019	04/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	18.0 U	17.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.40 U	9.00 U	8.50 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.40 U	9.00 U	8.50 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.40 U	9.00 U	8.50 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	0.950 U	5.70	20.0	13.0	44.0
Perfluorodecanoic acid (PFDA)	0.950 U	1.90	0.900 U	0.850 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.40 U	11.0	1.40 U	1.30 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	10.0	15.0	11.0	24.0
Perfluorohexanesulfonic acid (PFHxS)	9.80	110	420	360	470
Perfluorohexanoic acid (PFHxA)	0.950 U	17.0	63.0	39.0	93.0
Perfluorononanoic acid (PFNA)	1.40 U	3.90	1.40 J	1.50 J	1.10 J
Perfluorooctanesulfonic acid (PFOS)	2.80 U	57.0	300	280	410
Perfluorooctanoic acid (PFOA)	1.00 J	39.0	110	69.0	160
Perfluorotetradecanoic acid (PFTA)	2.80 U	1.30 J	2.70 U	2.60 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	4.90	2.70 U	2.60 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.60 J	1.40 U	1.30 U	1.50 U

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	Locations: G6M-92-10X	G6M-93-13X	G6M-95-20X	G6M-96-22A	G6M-96-22B
Field Sample ID:	G6M-92-10X_APR19	G6M-93-13X_APR19	G6M-95-20X_APR19	G6M-96-22A_MAY19	G6M-96-22B_MAY19
Sample Begin Depth:	9.00	9.00	18.00	40.00	65.50
Sample End Depth:	19.00	19.00	23.00	50.00	70.50
Sample Date:	04/26/2019	04/29/2019	04/26/2019	05/06/2019	05/06/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.70 U	9.60 U	9.40 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.70 U	9.60 U	9.40 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.70 U	9.60 U	9.40 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	2.60	0.970 U	0.960 U	5.20	5.10
Perfluorodecanoic acid (PFDA)	0.950 U	0.970 U	0.960 U	1.90 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	5.50	5.40	5.20	5.30	4.30
Perfluorohexanesulfonic acid (PFHxS)	150	8.00	25.0	130	120
Perfluorohexanoic acid (PFHxA)	13.0	3.50	6.70	18.0	15.0
Perfluorononanoic acid (PFNA)	1.40 U	0.810 J	1.30 J	1.80 J	1.10 J
Perfluorooctanesulfonic acid (PFOS)	5.40	7.70	14.0	150	150
Perfluorooctanoic acid (PFOA)	35.0	5.50	13.0	28.0	23.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.90 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.90 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U

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	Locations: G6M-96-25A	G6M-96-25A (FD)	G6M-96-25B	G6M-96-26A	G6M-96-26B
Field Sample ID:	G6M-96-25A_APR19	A3-G6M-96-DUP-042519	G6M-96-25B_MAY19	G6M-96-26A_MAY19	G6M-96-26B_APR19
Sample Begin Depth:	9.00	9.00	48.00	8.00	68.00
Sample End Depth:	18.70	18.70	58.00	18.00	78.00
Sample Date:	04/25/2019	04/25/2019	05/02/2019	05/03/2019	04/25/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.10 U	9.40 U	9.60 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.10 U	9.40 U	9.60 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.10 U	9.40 U	9.60 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	1.80 J	1.70 J	2.40	2.30	0.980 U
Perfluorodecanoic acid (PFDA)	0.950 U	0.910 U	0.940 U	0.940 J	0.980 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	5.80	5.80	3.10	3.10	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	18.0	17.0	53.0	17.0	2.70
Perfluorohexanoic acid (PFHxA)	19.0	21.0	10.0	6.40	0.980 U
Perfluorononanoic acid (PFNA)	1.20 J	1.30 J	1.40 U	1.10 J	1.50 U
Perfluorooctanesulfonic acid (PFOS)	16.0	16.0	100	2.90 U	3.00 U
Perfluorooctanoic acid (PFOA)	9.70	11.0	7.20	11.0	1.50 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.70 U	2.80 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.70 U	2.80 U	2.90 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.80 U	1.40 U	0.780 J	1.50 U

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	Locations: G6M-97-09B	G6P-97-05X	MW-6	XSA-12-96X	XSA-12-98X
Field Sample ID:	G6M-97-09B_MAY19	G6P-97-05X_MAY19	MW-6_MAY19	XSA-12-96X_MAY19	XSA-12-98X_APR19
Sample Begin Depth:	71.50	33.00	125.00	120.00	60.00
Sample End Depth:	81.50	43.00	135.00	130.00	70.00
Sample Date:	05/03/2019	05/08/2019	05/08/2019	05/07/2019	04/29/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	7.70 J	20.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.80 U	9.70 U	9.80 U	9.60 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.80 U	9.70 U	9.80 U	9.60 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.80 U	9.70 U	9.80 U	9.60 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	1.80	51.0	9.30	17.0	4.90
Perfluorodecanoic acid (PFDA)	0.450 J	1.90 U	0.980 U	0.960 U	1.20 J
Perfluorododecanoic acid (PFDoA)	0.600 J	1.50 U	2.00 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	6.80	160	5.90	14.0	7.30
Perfluorohexanesulfonic acid (PFHxS)	8.90	2600	170	280	77.0
Perfluorohexanoic acid (PFHxA)	7.30	930	25.0	53.0	19.0
Perfluorononanoic acid (PFNA)	2.60	2.20	0.510 J	0.600 J	2.20
Perfluorooctanesulfonic acid (PFOS)	0.970 J	520	140	97.0	41.0
Perfluorooctanoic acid (PFOA)	5.00	620	36.0	85.0	37.0
Perfluorotetradecanoic acid (PFTA)	2.60 U	2.90 U	2.90 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	2.90 U	2.90 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	0.660 J	1.50 U	1.50 U	1.40 U	1.50 U

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

KOMAN, PFAS RI, Supplemental Monitoring Wells/Round 2-Spring 2020

AOC 50, Former Moore Army Air Field

	Locations: G6M-02-01X	G6M-13-05X	G6M-18-01	G6P-97-05X	G6P-97-05X (FD)
Field Sample ID:	G6M-02-01X_SPR20	G6M-13-05X-SPR20	G6M-18-01_SPR20	G6P-97-05X-SPR20	AOC50-DUP-5720
Sample Begin Depth:	80.00	45.00	116.00	33.00	33.00
Sample End Depth:	95.00	55.00	126.00	43.00	43.00
Sample Date:	05/07/2020	05/07/2020	05/07/2020	05/07/2020	05/07/2020
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 J	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.60 U	7.10 J	9.60 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.60 U	8.50 U	9.60 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.60 U	8.50 U	9.60 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	24.0	53.0	110	22.0	22.0
Perfluorodecanoic acid (PFDA)	0.900 U	0.960 U	0.850 U	0.870 J	0.780 J
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.30 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	14.0	27.0	160	26.0	25.0
Perfluorohexanesulfonic acid (PFHxS)	400	650	5600	700	700
Perfluorohexanoic acid (PFHxA)	55.0	100	2600	120	120
Perfluorononanoic acid (PFNA)	0.960 J	1.00 J	8.70	4.30	4.30
Perfluorooctanesulfonic acid (PFOS)	330	310	1500	1300	1300
Perfluorooctanoic acid (PFOA)	100	200	3600	240	240
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.90 U	2.50 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.90 U	2.50 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.30 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:	XSA-12-96X	XSA-12-98X
Field Sample ID:	XSA-12-96X-SPR20	XSA-12-98X-SPR20
Sample Begin Depth:	120.00	60.00
Sample End Depth:	130.00	70.00
Sample Date:	05/08/2020	05/07/2020
PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	17.0	5.00
Perfluorodecanoic acid (PFDA)	0.960 U	1.40 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	13.0	10.0
Perfluorohexanesulfonic acid (PFHxS)	280	47.0
Perfluorohexanoic acid (PFHxA)	49.0	17.0
Perfluorononanoic acid (PFNA)	0.630 J	3.30
Perfluorooctanesulfonic acid (PFOS)	120	52.0
Perfluorooctanoic acid (PFOA)	79.0	28.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U

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

KOMAN, PFAS RI, Supplemental Monitoring Wells-Fall 2019

AOC 50, Former Moore Army Air Field

	Locations: G6M-02-01X	G6M-13-05X	G6M-18-01	G6P-97-05X	G6P-97-05X (FD)
Field Sample ID:	G6M-02-01X_FAL19	G6M-13-05X_FAL19	G6M-18-01_FAL19	G6P-97-05X_FAL19	AOC50-DUP-101519
Sample Begin Depth:	80.00	45.00	116.00	33.00	33.00
Sample End Depth:	95.00	55.00	126.00	43.00	43.00
Sample Date:	10/16/2019	10/10/2019	10/14/2019	10/15/2019	10/15/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	9.80 J	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.90 U	9.20 U	8.20 J	9.40 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.90 U	9.20 U	9.40 U	3.00 J	2.60 J
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.90 U	9.20 U	9.40 U	9.40 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	23.0	52.0	160	31.0	32.0
Perfluorodecanoic acid (PFDA)	0.890 U	0.920 U	0.940 U	1.20 J	0.930 J
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	14.0	27.0	170	30.0	29.0
Perfluorohexanesulfonic acid (PFHxS)	400	630	5200	970	900
Perfluorohexanoic acid (PFHxA)	61.0	94.0	2700	160	150
Perfluorononanoic acid (PFNA)	0.950 J	0.980 J	7.90	2.60	2.60
Perfluorooctanesulfonic acid (PFOS)	330	400	1200	570	570
Perfluorooctanoic acid (PFOA)	120	180	4000	290	290
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.30 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: MW-7 (IT)	XSA-12-96X	XSA-12-98X	
Field Sample ID: MW-7 (IT)_FAL19	XSA-12-96X_FAL19	XSA-12-98X_FAL19	
Sample Begin Depth: 0.00	120.00	60.00	
Sample End Depth: 0.00	130.00	70.00	
Sample Date: 10/18/2019	11/06/2019	10/09/2019	
PFAS (ng/L)			
6:2 Fluorotelomer sulfonate (6:2 FTS)	13.0 J	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	9.50 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	9.50 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	9.50 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	34.0	16.0	3.40
Perfluorodecanoic acid (PFDA)	0.790 J	0.950 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	54.0	12.0	3.70
Perfluorohexanesulfonic acid (PFHxS)	1300	250	65.0
Perfluorohexanoic acid (PFHxA)	250	45.0	10.0
Perfluorononanoic acid (PFNA)	3.90	0.680 J	1.50 U
Perfluorooctanesulfonic acid (PFOS)	1000	110	20.0
Perfluorooctanoic acid (PFOA)	350	78.0	21.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.50 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-Area3

AOO 50, Former Moore Army Air Field

	Locations: 50VP-19-01	50VP-19-01	50VP-19-01	50VP-19-01	50VP-19-01
Field Sample ID:	50VP-19-01-09-13	50VP-19-01-19-23	50VP-19-01-29-33	50VP-19-01-39-43	50VP-19-01-49-53
Sample Begin Depth:	9.00	19.00	29.00	39.00	49.00
Sample End Depth:	13.00	23.00	33.00	43.00	53.00
Sample Date:	08/28/2019	08/28/2019	08/28/2019	08/28/2019	08/29/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.20 U	9.40 U	9.40 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.30 U	9.20 U	9.40 U	9.40 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.20 U	9.40 U	9.40 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	1.90 U	2.70 U	10.0	4.10	5.60
Perfluorodecanoic acid (PFDA)	0.720 J	0.920 U	0.940 U	0.940 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)	3.80	4.90	7.60	0.970 J	6.80
Perfluorohexanesulfonic acid (PFHxS)	48.0	83.0	240	60.0	160
Perfluorohexanoic acid (PFHxA)	12.0	14.0	33.0	5.50	23.0
Perfluorononanoic acid (PFNA)	2.80	1.70 J	0.650 J	1.40 U	1.60 J
Perfluorooctanesulfonic acid (PFOS)	290	160	150	2.40 J	190
Perfluorooctanoic acid (PFOA)	16.0	25.0	51.0	7.50	37.0
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

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

	Locations: 50VP-19-01	50VP-19-01	50VP-19-01 (FD)	50VP-19-02	50VP-19-02
Field Sample ID:	50VP-19-01-59-63	50VP-19-01-69-72	A3-VP-DUP-R2-082819	50VP-19-02-09-13	50VP-19-02-19-23
Sample Begin Depth:	59.00	69.00	9.00	9.00	19.00
Sample End Depth:	63.00	72.00	13.00	13.00	23.00
Sample Date:	08/29/2019	08/29/2019	08/28/2019	08/26/2019	08/26/2019
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)	9.50 U	9.40 U	9.40 U	9.30 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.40 U	9.40 U	9.30 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.40 U	9.40 U	9.30 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	14.0	11.0	1.90 U	3.40	5.60
Perfluorodecanoic acid (PFDA)	0.950 U	0.940 U	0.780 J	0.930 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	0.540 J	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	11.0	8.30	3.80	1.20 J	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	330	240	48.0	95.0	82.0
Perfluorohexanoic acid (PFHxA)	46.0	32.0	12.0	1.60 J	0.820 J
Perfluorononanoic acid (PFNA)	1.10 J	1.40 J	2.80	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	340	340	310	1.10 J	2.80 U
Perfluorooctanoic acid (PFOA)	71.0	48.0	16.0	6.30	0.800 J
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 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

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

	Locations: 50VP-19-02	50VP-19-02	50VP-19-02	50VP-19-02	50VP-19-03
Field Sample ID:	50VP-19-02-29-33	50VP-19-02-39-43	50VP-19-02-49-53	50VP-19-02-54-58	50VP-19-03-09-13
Sample Begin Depth:	29.00	39.00	49.00	54.00	9.00
Sample End Depth:	33.00	43.00	53.00	58.00	13.00
Sample Date:	08/27/2019	08/27/2019	08/27/2019	08/27/2019	08/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	19.0 U	17.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.20 U	9.30 U	8.60 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.20 U	9.30 U	8.60 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.20 U	9.30 U	8.60 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	3.10	2.50	6.20	8.40	0.720 J
Perfluorodecanoic acid (PFDA)	0.940 U	0.920 U	0.930 U	0.860 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.30 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	7.70	6.50	2.30
Perfluorohexanesulfonic acid (PFHxS)	80.0	58.0	180	200	4.70
Perfluorohexanoic acid (PFHxA)	0.940 U	0.920 U	40.0	29.0	2.70
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	0.450 J	0.500 J
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.80 U	64.0	73.0 J	12.0
Perfluorooctanoic acid (PFOA)	0.550 J	1.40 U	43.0	41.0	7.50
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.60 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	2.60 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.30 U	1.40 U

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

	Locations: 50VP-19-03	50VP-19-03	50VP-19-03	50VP-19-03	50VP-19-03
Field Sample ID:	50VP-19-03-14-18	50VP-19-03-24-28	50VP-19-03-34-38	50VP-19-03-44-48	50VP-19-03-54-56
Sample Begin Depth:	14.00	24.00	34.00	44.00	54.00
Sample End Depth:	18.00	28.00	38.00	48.00	56.00
Sample Date:	08/23/2019	08/23/2019	08/23/2019	08/23/2019	08/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.40 U	9.20 U	9.20 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.40 U	9.20 U	9.20 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.40 U	9.20 U	9.20 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	0.930 U	0.940 U	0.820 J	0.920 U	2.00
Perfluorodecanoic acid (PFDA)	0.930 U	0.940 U	0.920 U	0.920 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 J	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	0.940 J	1.40 U	1.40 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	3.10	10.0	1.80 U	11.0	26.0
Perfluorohexanoic acid (PFHxA)	0.620 J	2.70	0.920 U	0.920 U	0.850 J
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	14.0	8.90	2.80 U	1.10 J	1.40 J
Perfluorooctanoic acid (PFOA)	1.80 J	5.20	1.40 U	0.660 J	1.20 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	1.10 J	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

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

	Locations: 50VP-19-03 (FD)	50VP-19-04	50VP-19-04	50VP-19-04	50VP-19-04
Field Sample ID:	A3-VP-DUP-R2-082619	50VP-19-04-49-53	50VP-19-04-59-63	50VP-19-04-69-73	50VP-19-04-79-83
Sample Begin Depth:	9.00	49.00	59.00	69.00	79.00
Sample End Depth:	13.00	53.00	63.00	73.00	83.00
Sample Date:	08/26/2019	07/17/2019	07/17/2019	07/17/2019	07/18/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	8.80 J	19.0 U	19.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.40 U	9.30 U	9.20 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.40 U	9.30 U	9.20 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.40 U	9.30 U	9.20 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	0.680 J	20.0	14.0	22.0	7.00
Perfluorodecanoic acid (PFDA)	0.940 U	0.940 U	0.930 U	0.920 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)	2.20	6.20	15.0	15.0	8.20
Perfluorohexanesulfonic acid (PFHxS)	3.70	130	270	390	150
Perfluorohexanoic acid (PFHxA)	2.30	31.0	54.0	57.0	27.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	0.940 J	1.50 J	1.20 J
Perfluorooctanesulfonic acid (PFOS)	6.80	2.80 U	180	290	120
Perfluorooctanoic acid (PFOA)	6.00	18.0	98.0	110	42.0
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

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

	Locations: 50VP-19-04	50VP-19-04 (FD)	50VP-19-05	50VP-19-05	50VP-19-05
Field Sample ID:	50VP-19-04-89-93	A3-VP-DUP-R2-071719	50VP-19-05-103-107	50VP-19-05-63-67	50VP-19-05-73-77
Sample Begin Depth:	89.00	49.00	103.00	63.00	73.00
Sample End Depth:	93.00	53.00	107.00	67.00	77.00
Sample Date:	07/18/2019	07/17/2019	10/21/2019	10/18/2019	10/18/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	14.0 J	13.0 J	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.30 U	8.90 U	9.70 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.30 U	8.90 U	9.70 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.30 U	8.90 U	9.70 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	6.00	20.0	26.0	22.0	2.90
Perfluorodecanoic acid (PFDA)	0.940 U	0.930 U	0.890 U	0.970 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.30 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.90	5.80	16.0	32.0	4.10
Perfluorohexanesulfonic acid (PFHxS)	130	130	190	1000	59.0
Perfluorohexanoic acid (PFHxA)	17.0	30.0	66.0	130	11.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.30 U	1.40 J	1.10 J
Perfluorooctanesulfonic acid (PFOS)	63.0	2.80 U	330	180	70.0
Perfluorooctanoic acid (PFOA)	30.0	20.0	160	490	18.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.70 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.70 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.30 U	1.50 U	1.40 U

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	Locations: 50VP-19-05	50VP-19-05	50VP-19-05 (FD)	50VP-19-06	50VP-19-06
Field Sample ID:	50VP-19-05-83-87	50VP-19-05-93-97	A3-VP-DUP-R1-101819	50VP-19-06-63-67	50VP-19-06-73-77
Sample Begin Depth:	83.00	93.00	73.00	63.00	73.00
Sample End Depth:	87.00	97.00	77.00	67.00	77.00
Sample Date:	10/18/2019	10/21/2019	10/18/2019	07/01/2019	07/01/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U	19.0 U	7.30 J	48.0
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.90 U	9.40 U	10.0 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.90 U	9.40 U	10.0 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.90 U	9.40 U	10.0 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	0.460 J	1.30 J	2.60	120	42.0
Perfluorodecanoic acid (PFDA)	0.940 U	0.990 U	0.940 U	1.00 U	0.490 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	0.730 J	4.20	62.0	30.0
Perfluorohexanesulfonic acid (PFHxS)	7.70	8.80	55.0	610	310
Perfluorohexanoic acid (PFHxA)	1.90 U	3.00 U	12.0	540	87.0
Perfluorononanoic acid (PFNA)	1.40 U	1.50 U	0.890 J	1.50 U	1.50 J
Perfluorooctanesulfonic acid (PFOS)	2.60 J	8.10	72.0	6.80	1600
Perfluorooctanoic acid (PFOA)	3.50	5.40	18.0	190	150
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.00 U	2.80 U	3.10 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.00 U	2.80 U	3.10 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.40 U	1.50 U	1.40 U

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	Locations: 50VP-19-06	50VP-19-06	50VP-19-06 (FD)	50VP-19-07	50VP-19-07
Field Sample ID:	50VP-19-06-83-87	50VP-19-06-92-96	A3-VP-DUP-R2-7219	50VP-19-07-103-107	50VP-19-07-113-117
Sample Begin Depth:	83.00	92.00	83.00	103.00	113.00
Sample End Depth:	87.00	96.00	87.00	107.00	117.00
Sample Date:	07/02/2019	07/02/2019	07/02/2019	10/08/2019	10/09/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	14.0 J	25.0 J	14.0 J	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	13.0 U	3.70 J	16.0 U	8.80 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	13.0 U	10.0 U	16.0 U	8.80 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	13.0 U	10.0 U	16.0 U	8.80 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	24.0	32.0	24.0	3.30	6.80
Perfluorodecanoic acid (PFDA)	1.30 U	0.570 J	1.60 U	0.880 U	0.960 U
Perfluorododecanoic acid (PFDoA)	2.00 U	1.50 U	2.40 U	1.30 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	17.0	35.0	17.0	9.00	7.00
Perfluorohexanesulfonic acid (PFHxS)	180	310	180	340	160
Perfluorohexanoic acid (PFHxA)	75.0	89.0	68.0	23.0	24.0
Perfluorononanoic acid (PFNA)	2.00 U	2.50	2.40 U	1.30 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	160	950	160	7.70	78.0
Perfluorooctanoic acid (PFOA)	80.0	120	77.0	200	60.0
Perfluorotetradecanoic acid (PFTA)	3.90 U	3.10 U	4.80 U	2.60 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.90 U	3.10 U	4.80 U	2.60 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	2.00 U	1.50 U	2.40 U	1.30 U	1.40 U

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	50VP-19-07	50VP-19-07	50VP-19-07	50VP-19-07	50VP-19-07
Locations:	50VP-19-07	50VP-19-07	50VP-19-07	50VP-19-07	50VP-19-07
Field Sample ID:	50VP-19-07-123-127	50VP-19-07-133-137	50VP-19-07-143-147	50VP-19-07-153-157	50VP-19-07-160-164
Sample Begin Depth:	123.00	133.00	143.00	153.00	160.00
Sample End Depth:	127.00	137.00	147.00	157.00	164.00
Sample Date:	10/09/2019	10/10/2019	10/10/2019	10/14/2019	10/15/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	20.0 U	21.0 U	22.0 U	26.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.80 U	10.0 U	11.0 U	13.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.80 U	10.0 U	11.0 U	13.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.80 U	10.0 U	11.0 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	6.10	21.0	26.0	4.00	4.20
Perfluorodecanoic acid (PFDA)	0.900 U	0.980 U	1.00 U	1.10 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.50 U	1.70 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	7.20	13.0	16.0	9.40	11.0
Perfluorohexanesulfonic acid (PFHxS)	140	350	400	280	280
Perfluorohexanoic acid (PFHxA)	28.0	48.0	63.0	25.0	26.0
Perfluorononanoic acid (PFNA)	0.780 J	0.770 J	0.960 J	1.70 U	1.90 U
Perfluorooctanesulfonic acid (PFOS)	110	220	110	21.0	23.0
Perfluorooctanoic acid (PFOA)	43.0	82.0	100	140	150
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.90 U	3.10 U	3.40 U	3.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.90 U	3.10 U	3.40 U	3.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.50 U	1.70 U	1.90 U

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	Locations: 50VP-19-07	50VP-19-07	50VP-19-07	50VP-19-07	50VP-19-07 (FD)
Field Sample ID:	50VP-19-07-63-67	50VP-19-07-73-77	50VP-19-07-83-87	50VP-19-07-93-97	A3-VP-DUP-R1-101019
Sample Begin Depth:	63.00	73.00	83.00	93.00	143.00
Sample End Depth:	67.00	77.00	87.00	97.00	147.00
Sample Date:	10/07/2019	10/07/2019	10/07/2019	10/08/2019	10/10/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	18.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	8.90 U	9.00 U	9.00 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	8.90 U	9.00 U	9.00 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	8.90 U	9.00 U	9.00 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	2.30	2.50	4.50	4.00	27.0
Perfluorodecanoic acid (PFDA)	0.990 U	0.890 U	0.900 U	0.900 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.30 U	1.30 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	6.60	7.70	9.30	10.0	17.0
Perfluorohexanesulfonic acid (PFHxS)	50.0	110	320	370	420
Perfluorohexanoic acid (PFHxA)	23.0	15.0	26.0	26.0	58.0
Perfluorononanoic acid (PFNA)	1.50 U	1.30 U	1.30 U	1.40 U	0.760 J
Perfluorooctanesulfonic acid (PFOS)	2.00 J	17.0	3.90	4.20	100
Perfluorooctanoic acid (PFOA)	22.0	35.0	180	220	95.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.70 U	2.70 U	2.70 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.70 U	2.70 U	2.70 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: 50VP-19-07 (FD)	50VP-19-07 (FD)	50VP-19-08	50VP-19-08	50VP-19-08
Field Sample ID:	A3-VP-DUP-R1-101519	A3-VP-DUP-R1-10919	50VP-19-08-19-23	50VP-19-08-29-33	50VP-19-08-39-43
Sample Begin Depth:	160.00	113.00	19.00	29.00	39.00
Sample End Depth:	164.00	117.00	23.00	33.00	43.00
Sample Date:	10/15/2019	10/09/2019	09/06/2019	09/06/2019	09/06/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	23.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	9.40 U	9.30 U	9.70 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	9.40 U	2.70 J	9.70 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	9.40 U	9.30 U	9.70 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	4.60	6.40	5.80	5.90	6.10
Perfluorodecanoic acid (PFDA)	1.10 U	0.940 U	3.50	3.00	3.00
Perfluorododecanoic acid (PFDoA)	1.70 U	1.40 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	9.40	6.60	18.0	19.0	19.0
Perfluorohexanesulfonic acid (PFHxS)	290	160	15.0	15.0	16.0
Perfluorohexanoic acid (PFHxA)	27.0	22.0	32.0	29.0	29.0
Perfluorononanoic acid (PFNA)	1.70 U	1.40 U	7.40	8.30	7.70
Perfluorooctanesulfonic acid (PFOS)	23.0	77.0	120	120	93.0
Perfluorooctanoic acid (PFOA)	150	59.0	38.0	35.0	42.0
Perfluorotetradecanoic acid (PFTA)	3.40 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.40 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.70 U	1.40 U	1.40 U	1.50 U	1.40 U

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	Locations: 50VP-19-08	50VP-19-08	50VP-19-08	50VP-19-08	50VP-19-08
Field Sample ID:	50VP-19-08-49-53	50VP-19-08-59-63	50VP-19-08-69-73	50VP-19-08-79-83	50VP-19-08-9-13
Sample Begin Depth:	49.00	59.00	69.00	79.00	9.00
Sample End Depth:	53.00	63.00	73.00	83.00	13.00
Sample Date:	09/06/2019	09/06/2019	09/10/2019	09/10/2019	09/06/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	30.0 U	22.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.60 U	15.0 U	11.0 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	3.70 J	3.30 J	15.0 U	11.0 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.60 U	15.0 U	11.0 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	18.0	5.40	6.10	6.50	0.920 J
Perfluorodecanoic acid (PFDA)	3.20	3.50	3.10	2.90	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	2.30 U	1.60 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	17.0	17.0	17.0	19.0	1.10 J
Perfluorohexanesulfonic acid (PFHxS)	17.0	16.0	16.0	18.0	2.30
Perfluorohexanoic acid (PFHxA)	24.0	25.0	27.0	28.0	1.60 J
Perfluorononanoic acid (PFNA)	7.30	7.10	7.80	9.50	1.40 U
Perfluorooctanesulfonic acid (PFOS)	98.0	96.0	87.0	91.0	2.50 J
Perfluorooctanoic acid (PFOA)	37.0	34.0	38.0	49.0	3.40
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	4.60 U	3.30 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	4.60 U	3.30 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	2.30 U	1.60 U	1.40 U

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	Locations: 50VP-19-09	50VP-19-09	50VP-19-09	50VP-19-09	50VP-19-09
Field Sample ID:	50VP-19-09-103-107	50VP-19-09-43-47	50VP-19-09-53-57	50VP-19-09-63-67	50VP-19-09-73-77
Sample Begin Depth:	103.00	43.00	53.00	63.00	73.00
Sample End Depth:	107.00	47.00	57.00	67.00	77.00
Sample Date:	08/21/2019	08/23/2019	08/16/2019	08/19/2019	08/19/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	20.0 U	38.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	9.60 U	9.80 U	9.40 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	9.60 U	9.80 U	9.40 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.60 U	9.80 U	9.40 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	0.970 U	1.40 J	1.50 J	1.50 J	3.00
Perfluorodecanoic acid (PFDA)	0.670 J	0.960 U	0.950 J	0.990 J	0.930 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	0.740 J	2.80	3.10	3.60	8.40
Perfluorohexanesulfonic acid (PFHxS)	12.0	25.0	47.0	49.0	140
Perfluorohexanoic acid (PFHxA)	1.90	4.70	10.0	7.90	19.0
Perfluorononanoic acid (PFNA)	1.50 U	1.10 J	0.820 J	2.30	1.20 J
Perfluorooctanesulfonic acid (PFOS)	14.0	33.0	49.0	57.0	140
Perfluorooctanoic acid (PFOA)	2.90	9.20	9.00	9.70	37.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.90 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.90 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.50 U	1.40 U	1.40 U

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	Locations: 50VP-19-09	50VP-19-09 (FD)	50VP-19-10	50VP-19-10	50VP-19-10
Field Sample ID:	50VP-19-09-83-87	A3-VP-DUP-R1-81619	50VP-19-10-53-57	50VP-19-10-63-67	50VP-19-10-73-77
Sample Begin Depth:	83.00	53.00	53.00	63.00	73.00
Sample End Depth:	87.00	57.00	57.00	67.00	77.00
Sample Date:	08/19/2019	08/16/2019	08/14/2019	08/14/2019	08/15/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	81.0 U	20.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	20.0 U	9.80 U	9.40 U	9.30 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	20.0 U	9.80 U	9.40 U	9.30 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	20.0 U	9.80 U	9.40 U	9.30 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	3.20 J	1.40 J	0.710 J	0.590 J	0.980 U
Perfluorodecanoic acid (PFDA)	2.00 U	0.920 J	0.940 U	0.930 U	0.980 U
Perfluorododecanoic acid (PFDoA)	3.00 U	1.50 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	3.00 U	3.00	1.80 J	1.40 U	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	27.0	43.0	9.70	8.80	3.60
Perfluorohexanoic acid (PFHxA)	1.70 J	8.90	3.30	1.20 J	0.980 U
Perfluorononanoic acid (PFNA)	3.00 U	0.720 J	1.40 U	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	2.20 J	44.0	2.80 U	2.80 U	3.00 U
Perfluorooctanoic acid (PFOA)	3.80 J	8.90	1.50 J	1.40 U	1.50 U
Perfluorotetradecanoic acid (PFTA)	6.00 U	2.90 U	2.80 U	2.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	6.00 U	2.90 U	2.80 U	2.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	3.00 U	1.50 U	1.40 U	1.40 U	1.50 U

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	Locations: 50VP-19-11	50VP-19-11	50VP-19-11	50VP-19-11	50VP-19-11
Field Sample ID:	50VP-19-11-103-107	50VP-19-11-111-115	50VP-19-11-43-47	50VP-19-11-53-57	50VP-19-11-63-67
Sample Begin Depth:	103.00	111.00	43.00	53.00	63.00
Sample End Depth:	107.00	115.00	47.00	57.00	67.00
Sample Date:	08/28/2019	08/28/2019	08/23/2019	08/26/2019	08/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	20.0 U	21.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.80 U	11.0 U	10.0 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.80 U	11.0 U	10.0 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.80 U	11.0 U	10.0 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	0.980 U	2.00 U	1.10 U	1.00 U	0.950 U
Perfluorodecanoic acid (PFDA)	0.980 U	0.980 U	1.10 U	1.00 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.60 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	1.50 U	1.60 U	1.40 J	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	1.80 J	1.60 J	1.10 U	2.00 U	0.950 U
Perfluorohexanoic acid (PFHxA)	0.980 U	0.980 U	1.10 U	1.50 J	0.950 U
Perfluorononanoic acid (PFNA)	1.50 U	1.50 U	1.60 U	0.680 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	4.90	2.80 J	3.20 U	3.60 J	2.90 U
Perfluorooctanoic acid (PFOA)	0.960 J	1.00 J	0.990 J	3.00	0.760 J
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	3.20 U	3.10 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	3.20 U	3.10 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.60 U	1.50 U	1.40 U

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	Locations: 50VP-19-11	50VP-19-11	50VP-19-11	50VP-19-11 (FD)	50VP-19-12
Field Sample ID:	50VP-19-11-73-77	50VP-19-11-83-87	50VP-19-11-93-97	A3-VP-DUP-R1-082719	50VP-19-12-53-57
Sample Begin Depth:	73.00	83.00	93.00	83.00	53.00
Sample End Depth:	77.00	87.00	97.00	87.00	57.00
Sample Date:	08/26/2019	08/27/2019	08/27/2019	08/27/2019	08/09/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	22.0 U	27.0 U	29.0 U	27.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	14.0 U	14.0 U	13.0 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	14.0 U	14.0 U	13.0 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	14.0 U	14.0 U	13.0 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	1.10 U	1.40 U	1.40 U	1.30 U	1.50 J
Perfluorodecanoic acid (PFDA)	1.10 U	1.40 U	1.40 U	1.30 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.70 U	2.10 U	2.20 U	2.00 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.70 U	2.10 U	2.20 U	2.00 U	9.00
Perfluorohexanesulfonic acid (PFHxS)	2.20 U	1.40 U	2.90 U	2.70 U	4.20
Perfluorohexanoic acid (PFHxA)	1.10 U	1.40 U	1.40 U	1.30 U	9.90
Perfluorononanoic acid (PFNA)	1.70 U	2.10 U	2.20 U	2.00 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	3.40 U	4.10 U	4.30 U	4.00 U	3.00 U
Perfluorooctanoic acid (PFOA)	1.30 J	2.10 U	1.50 J	2.00 U	4.60
Perfluorotetradecanoic acid (PFTA)	3.40 U	4.10 U	4.30 U	4.00 U	0.890 J
Perfluorotridecanoic acid (PFTrDA)	3.40 U	4.10 U	4.30 U	4.00 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.70 U	2.10 U	2.20 U	2.00 U	1.50 U

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	Locations: 50VP-19-12	50VP-19-12	50VP-19-12	50VP-19-12	50VP-19-12 (FD)
Field Sample ID:	50VP-19-12-63-67	50VP-19-12-73-77	50VP-19-12-83-87	50VP-19-12-93-97	A3-VP-DUP-R1-81219
Sample Begin Depth:	63.00	73.00	83.00	93.00	93.00
Sample End Depth:	67.00	77.00	87.00	97.00	97.00
Sample Date:	08/09/2019	08/12/2019	08/12/2019	08/12/2019	08/12/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	21.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	10.0 U	9.20 U	9.00 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	10.0 U	9.20 U	9.00 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	10.0 U	9.20 U	9.00 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	1.30 J	1.10 J	0.700 J	0.470 J	0.490 J
Perfluorodecanoic acid (PFDA)	0.940 U	1.00 U	0.920 U	0.900 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.90	1.90 J	7.70	2.80	2.90
Perfluorohexanesulfonic acid (PFHxS)	4.10	4.60	14.0	6.10	6.50
Perfluorohexanoic acid (PFHxA)	4.30	2.30	3.60	3.00	3.20
Perfluorononanoic acid (PFNA)	1.40 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	1.30 J	2.70 J	2.00 J	2.20 J
Perfluorooctanoic acid (PFOA)	3.90	3.10	1.90	3.10	3.30
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.10 U	2.80 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.10 U	2.80 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.40 U	1.40 U	1.40 U

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	Locations: 50VP-19-13	50VP-19-13	50VP-19-13	50VP-19-13	50VP-19-13
Field Sample ID:	50VP-19-13-109-113	50VP-19-13-119-123	50VP-19-13-129-133	50VP-19-13-139-143	50VP-19-13-154-158
Sample Begin Depth:	109.00	119.00	129.00	139.00	154.00
Sample End Depth:	113.00	123.00	133.00	143.00	158.00
Sample Date:	08/14/2019	08/14/2019	08/15/2019	08/15/2019	08/19/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	19.0 U	38.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.00 U	9.60 U	9.50 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.00 U	9.60 U	9.50 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.00 U	9.60 U	9.50 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	2.50	60.0	65.0	42.0	110
Perfluorodecanoic acid (PFDA)	1.20 J	0.900 U	0.960 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)	3.30	66.0	12.0	33.0	87.0
Perfluorohexanesulfonic acid (PFHxS)	32.0	830	140	600	1100
Perfluorohexanoic acid (PFHxA)	28.0	250	360	200	370
Perfluorononanoic acid (PFNA)	1.10 J	1.90	1.40 U	1.30 J	2.50
Perfluorooctanesulfonic acid (PFOS)	66.0	310	26.0	230	440
Perfluorooctanoic acid (PFOA)	9.30	350	47.0	150	550
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.90 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.90 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 J	1.40 U	1.40 U	1.40 U	1.40 U

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	50VP-19-13	50VP-19-13	50VP-19-13	50VP-19-13	50VP-19-13
Locations: 50VP-19-13	50VP-19-13	50VP-19-13	50VP-19-13	50VP-19-13	50VP-19-13
Field Sample ID: 50VP-19-13-164-168	50VP-19-13-174-178	50VP-19-13-69-73	50VP-19-13-79-83	50VP-19-13-89-93	
Sample Begin Depth: 164.00	174.00	69.00	79.00	89.00	
Sample End Depth: 168.00	178.00	73.00	83.00	93.00	
Sample Date: 08/20/2019	08/20/2019	08/12/2019	08/12/2019	08/12/2019	
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	43.0 U	44.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	11.0 U	9.20 U	9.20 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	11.0 U	9.20 U	9.20 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	11.0 U	9.20 U	9.20 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	56.0	64.0	7.60	4.70	0.470 J
Perfluorodecanoic acid (PFDA)	1.00 U	1.30 J	0.920 U	0.920 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.60 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	79.0	76.0	28.0	15.0	2.20
Perfluorohexanesulfonic acid (PFHxS)	700	1000	1500	750	12.0
Perfluorohexanoic acid (PFHxA)	200	270	150	65.0	2.90
Perfluorononanoic acid (PFNA)	3.80	3.80	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	720	830	1.00 J	1.10 J	7.40
Perfluorooctanoic acid (PFOA)	240	410	200	130	5.00
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.30 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.30 U	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	0.930 J	1.40 U	1.40 U	1.40 U

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Locations: 50VP-19-13	50VP-19-13 (FD)
Field Sample ID: 50VP-19-13-99-103	A3-VP-DUP-R2-081519
Sample Begin Depth: 99.00	129.00
Sample End Depth: 103.00	133.00
Sample Date: 08/13/2019	08/15/2019

PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	0.930 U	70.0
Perfluorodecanoic acid (PFDA)	0.930 U	0.990 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	2.00	12.0
Perfluorohexanesulfonic acid (PFHxS)	5.30	140
Perfluorohexanoic acid (PFHxA)	3.60	390
Perfluorononanoic acid (PFNA)	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	22.0
Perfluorooctanoic acid (PFOA)	1.70 J	48.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 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