

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

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:	116.00	116.00	116.00	116.00	116.00
Sample End Depth:	126.00	126.00	126.00	126.00	126.00
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:	116.00	116.00	123.95	123.95	123.95
Sample End Depth:	126.00	126.00	133.95	133.95	133.95
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:	123.95	123.95	123.95	123.95	123.95
Sample End Depth:	133.95	133.95	133.95	133.95	133.95
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, Existing Monitoring Wells-Area 2

AO32, Former Defense Reuse and Marketing Office

	Locations: 32M-01-13XBR	32M-01-14XBR	32M-01-14XOB	32M-01-15XBR	32M-01-16XBR
Field Sample ID:	32M-01-13XBR-DEC18	32M-01-14XBR-JAN19	32M-01-14XOB-JAN19	32M-01-15XBR-DEC18	32M-01-16XBR-DEC18
Sample Begin Depth:	13.70	0.00	17.30	34.50	0.00
Sample End Depth:	23.70	0.00	27.30	44.50	0.00
Sample Date:	12/20/2018	01/10/2019	01/10/2019	12/20/2018	12/18/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	18.0 U	17.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	8.80 U	8.30 U	9.50 U	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	8.80 U	8.30 U	9.50 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	8.80 U	8.30 U	9.50 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	3.00	2.50	2.00	1.80 J	3.00
Perfluorodecanoic acid (PFDA)	0.990 U	0.790 J	0.830 U	0.950 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.30 U	1.20 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	6.40	9.80	5.40	3.20	1.90 J
Perfluorohexanesulfonic acid (PFHxS)	6.70	20.0	9.60	5.30	6.70
Perfluorohexanoic acid (PFHxA)	14.0	13.0	8.40	7.00	3.90
Perfluorononanoic acid (PFNA)	0.520 J	2.00	1.20 J	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	2.90 J	59.0	22.0	2.70 J	1.30 J
Perfluorooctanoic acid (PFOA)	11.0	51.0	24.0	8.80	5.00
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.60 U	2.50 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.60 U	2.50 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.30 U	1.20 U	1.40 U	1.50 U

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	Locations: 32M-01-17XBR	32M-01-18XBR	32M-92-01X	32M-92-03X	32Z-01-05XOB
Field Sample ID:	32M-01-17XBR-JAN19	32M-01-18XBR-JAN19	32M-92-01X-FAL18	32M-92-03X-JAN19	32Z-01-05XOB-JAN19
Sample Begin Depth:	41.40	14.00	13.00	23.20	25.50
Sample End Depth:	51.40	24.00	23.00	33.20	35.50
Sample Date:	01/04/2019	01/10/2019	12/13/2018	01/02/2019	01/15/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	17.0 U	18.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	8.60 U	8.90 U	9.40 U	10.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	8.60 U	8.90 U	9.40 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	8.60 U	8.90 U	9.40 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.60 J	2.20	3.80	1.20 J	2.40
Perfluorodecanoic acid (PFDA)	0.950 U	0.980 J	0.890 U	0.940 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.30 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	3.30	5.00	7.40	2.00	4.10
Perfluorohexanesulfonic acid (PFHxS)	5.20	6.90	18.0	9.20	10.0
Perfluorohexanoic acid (PFHxA)	6.10	9.20	10.0	4.60	7.20
Perfluorononanoic acid (PFNA)	0.590 J	1.80	2.20	1.40 U	0.640 J
Perfluorooctanesulfonic acid (PFOS)	4.50	9.10	34.0	5.60	3.20 J
Perfluorooctanoic acid (PFOA)	8.70	14.0	25.0	3.20	8.80
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.60 U	2.70 U	2.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.60 U	2.70 U	2.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	1.30 U	1.40 U	1.50 U

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	Locations: 32Z-01-06XBR	32Z-01-07XOB	32Z-01-08XOB	32Z-01-09XOB	32Z-01-10XBR
Field Sample ID:	32Z-01-06XBR-DEC18	32Z-01-07XOB-DEC18	32Z-01-08XOB-DEC18	32Z-01-09XOB-JAN19	32Z-01-10XBR-DEC18
Sample Begin Depth:	16.70	12.70	12.00	23.50	12.50
Sample End Depth:	26.70	22.70	22.00	33.50	22.50
Sample Date:	12/20/2018	12/20/2018	12/18/2018	01/15/2019	12/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.50 U	9.40 U	9.60 U	8.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.50 U	9.40 U	9.60 U	8.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.50 U	9.40 U	9.60 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	6.20	7.20	2.40	2.60	2.30
Perfluorodecanoic acid (PFDA)	0.950 U	0.950 U	0.940 U	0.960 U	0.890 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	31.0	59.0	14.0	6.30	1.90
Perfluorohexanesulfonic acid (PFHxS)	11.0	73.0	46.0	26.0	7.40
Perfluorohexanoic acid (PFHxA)	32.0	66.0	20.0	7.00	2.20
Perfluorononanoic acid (PFNA)	1.50 J	7.00	1.40 U	0.990 J	0.660 J
Perfluorooctanesulfonic acid (PFOS)	14.0	57.0	1.60 J	9.40	5.10
Perfluorooctanoic acid (PFOA)	54.0	120	8.10	15.0	7.00
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	2.90 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.80 U	2.90 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	Locations: 32Z-01-10XBR (FD)	32Z-01-12XBR	32Z-99-02X	43M-01-16XBR	43M-01-16XOB
Field Sample ID:	32Z-01-DUP02-DEC18	32Z-01-12XBR-DEC18	32Z-99-02X-JAN19	43M-01-16XBR-JAN19	43M-01-16XOB-DEC18
Sample Begin Depth:	12.50	27.78	14.50	47.50	24.00
Sample End Depth:	22.50	37.78	29.50	57.50	34.00
Sample Date:	12/19/2018	12/20/2018	01/15/2019	01/03/2019	12/18/2018
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)	9.40 U	9.50 U	9.50 U	9.50 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.50 U	9.50 U	9.50 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.50 U	9.50 U	9.50 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	2.20	6.00	5.10	2.30	4.00
Perfluorodecanoic acid (PFDA)	0.940 U	0.950 U	0.950 U	0.950 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.10	18.0	1.40 U	4.10	9.60
Perfluorohexanesulfonic acid (PFHxS)	7.30	37.0	20.0	15.0	35.0
Perfluorohexanoic acid (PFHxA)	2.70	55.0	0.950 U	13.0	25.0
Perfluorononanoic acid (PFNA)	0.650 J	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	4.70	2.80 U	2.90 U	2.50 J	3.30 J
Perfluorooctanoic acid (PFOA)	8.70	6.10	1.40 U	4.00	8.30
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 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: 43M-01-17XBR	43M-01-17XOB	43M-01-17XOB (FD)	43M-01-20XBR	43M-01-20XOB
Field Sample ID:	43M-01-17XBR-JAN19	43M-01-17XOB-JAN19	A2-MW-DUP08-010319	43M-01-20XBR-FAL18	43M-01-20XOB-FAL18
Sample Begin Depth:	47.50	23.50	23.50	68.30	24.00
Sample End Depth:	57.50	33.50	33.50	78.30	34.00
Sample Date:	01/03/2019	01/03/2019	01/03/2019	12/13/2018	12/13/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.80 U	9.20 U	9.20 U	8.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.80 U	9.20 U	9.20 U	8.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.80 U	9.20 U	9.20 U	8.80 U
Perfluorobutanesulfonic acid (PFBS)	2.10	1.10 J	1.20 J	0.920 U	1.50 J
Perfluorodecanoic acid (PFDA)	0.940 U	0.980 U	0.920 U	0.920 U	0.880 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.40 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	3.30	6.60	6.10	1.40 U	3.30
Perfluorohexanesulfonic acid (PFHxS)	17.0	4.50	4.50	1.00 J	16.0
Perfluorohexanoic acid (PFHxA)	5.70	4.10	3.50	0.470 J	6.80
Perfluorononanoic acid (PFNA)	1.20 J	1.50 U	1.40 U	1.40 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	23.0	2.90 U	2.80 U	2.80 U	3.50
Perfluorooctanoic acid (PFOA)	11.0	11.0	10.0	1.40 U	6.40
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.80 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	0.680 J	1.50 U	1.40 U	1.40 U	1.30 U

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KOMAN, PFAS RI, Existing Monitoring Wells-Area 2

AOC 43G, Petroleum, Oil, Lubricants Storage Area

	Locations: AAFES-2	AAFES-5	AAFES-6R	AAFES-7	XGM-93-02X
Field Sample ID:	AAFES-2-DEC18	AAFES-5-DEC18	AAFES-6R-JAN19	AAFES-7-JAN19	XGM-93-02X-DEC18
Sample Begin Depth:	16.20	15.50	15.00	4.50	28.00
Sample End Depth:	31.20	30.50	25.00	14.50	38.00
Sample Date:	12/18/2018	12/17/2018	01/15/2019	01/04/2019	12/17/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	18.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.70 U	9.10 U	8.90 U	8.80 U	8.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.70 U	9.10 U	8.90 U	8.80 U	8.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.70 U	9.10 U	8.90 U	8.80 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	60.0	53.0	2.90	7.60	3.90
Perfluorodecanoic acid (PFDA)	0.870 U	0.910 U	0.890 U	0.880 U	0.540 J
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.30 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	55.0	120	9.60	22.0	11.0
Perfluorohexanesulfonic acid (PFHxS)	1000	2800	21.0	350	40.0
Perfluorohexanoic acid (PFHxA)	750	620	13.0	100	21.0
Perfluorononanoic acid (PFNA)	1.40 J	7.30	1.30 J	2.00	0.760 J
Perfluorooctanesulfonic acid (PFOS)	130	1300	20.0	100	14.0
Perfluorooctanoic acid (PFOA)	190	890	19.0	110	23.0
Perfluorotetradecanoic acid (PFTA)	2.60 U	2.70 U	2.70 U	2.60 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	2.70 U	2.70 U	2.60 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.30 U	1.30 U	1.30 U

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	Locations: XGM-94-04X	XGM-94-04X (FD)	XGM-94-06X	XGM-94-07X	XGM-94-08X
Field Sample ID:	XGM-94-04X-JAN19	A2-MW-DUP-011519	XGM-94-06X-JAN19	XGM-94-07X-JAN19	XGM-94-08X-DEC18
Sample Begin Depth:	18.20	18.20	0.00	17.00	23.50
Sample End Depth:	28.20	28.20	0.00	27.00	33.50
Sample Date:	01/15/2019	01/15/2019	01/14/2019	01/04/2019	12/18/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	18.0 U	17.0 U	17.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.60 U	8.80 U	8.60 U	8.70 U	8.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.60 U	8.80 U	8.60 U	8.70 U	8.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.60 U	8.80 U	8.60 U	8.70 U	8.80 U
Perfluorobutanesulfonic acid (PFBS)	2.60	2.90	2.90	24.0	2.40
Perfluorodecanoic acid (PFDA)	0.860 U	0.880 U	0.820 J	0.580 J	0.880 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	7.80	7.90	8.60	57.0	9.50
Perfluorohexanesulfonic acid (PFHxS)	18.0	19.0	84.0	890	18.0
Perfluorohexanoic acid (PFHxA)	12.0	12.0	18.0	470	14.0
Perfluorononanoic acid (PFNA)	0.740 J	0.770 J	1.80	2.30	1.10 J
Perfluorooctanesulfonic acid (PFOS)	14.0	15.0	130	290	16.0
Perfluorooctanoic acid (PFOA)	17.0	18.0	31.0	210	18.0
Perfluorotetradecanoic acid (PFTA)	2.60 U	2.60 U	2.60 U	2.60 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	2.60 U	2.60 U	2.60 U	2.60 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

Locations: XGM-94-10X XGM-94-10X (FD) XGM-97-12X			
Field Sample ID: XGM-94-10X-JAN19 A2-MW-DUP09-010419 XGM-97-12X-DEC18			
Sample Begin Depth: 21.50 21.50 24.00			
Sample End Depth: 31.50 31.50 34.00			
Sample Date: 01/04/2019 01/04/2019 12/17/2018			
PFAS (ng/L)			
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.90 U	8.90 U	8.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.90 U	8.90 U	8.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.90 U	8.90 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	2.70	2.80	2.20
Perfluorodecanoic acid (PFDA)	0.890 U	0.890 U	0.890 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	9.10	9.80	4.80
Perfluorohexanesulfonic acid (PFHxS)	17.0	17.0	96.0
Perfluorohexanoic acid (PFHxA)	14.0	15.0	9.90
Perfluorononanoic acid (PFNA)	1.50 J	1.60 J	0.730 J
Perfluorooctanesulfonic acid (PFOS)	17.0	17.0	8.40
Perfluorooctanoic acid (PFOA)	18.0	18.0	32.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.60 J	1.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

KOMAN, PFAS RI, Existing Monitoring Wells-Area 2

AOX 43J, Historical Gas Station J

Locations:	2446-03	HA-1B	HA-1S	HA-2B	HA-4B
Field Sample ID:	2446-03-JAN19	HA-1B-JAN19	HA-1S-JAN19	HA-2B-JAN19	HA-4B-JAN19
Sample Begin Depth:	8.00	21.00	3.50	31.00	35.80
Sample End Depth:	18.00	31.00	16.50	39.00	43.80
Sample Date:	01/14/2019	01/14/2019	01/14/2019	01/14/2019	01/14/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.20 U	9.70 U	9.00 U	8.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.00 U	9.20 U	9.70 U	9.00 U	8.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.20 U	9.70 U	9.00 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	0.760 J	1.60 J	0.970 U	0.570 J	0.890 U
Perfluorodecanoic acid (PFDA)	0.900 U	0.440 J	0.970 U	0.900 U	0.890 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	3.50	3.50	0.870 J	0.690 J	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	1.30 J	0.900 J	0.480 J	0.590 J	0.890 U
Perfluorohexanoic acid (PFHxA)	2.70	3.10	0.970 U	0.980 J	0.500 J
Perfluorononanoic acid (PFNA)	0.550 J	0.930 J	0.690 J	0.590 J	1.30 U
Perfluorooctanesulfonic acid (PFOS)	1.50 J	3.50 J	2.30 J	1.00 J	2.70 U
Perfluorooctanoic acid (PFOA)	8.50	7.40	2.40	1.90	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.90 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.90 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.30 U	1.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	Locations: HA-4S	HA-5S	XJM-93-01X	XJM-93-04X	XJM-93-04X (FD)
Field Sample ID:	HA-4S-JAN19	HA-5S-JAN19	XJM-93-01X-DEC18	XJM-93-04X-DEC18	XJM-DUP01-DEC18
Sample Begin Depth:	4.00	5.50	6.50	4.50	4.50
Sample End Depth:	17.00	15.50	16.50	14.50	14.50
Sample Date:	01/14/2019	01/14/2019	12/19/2018	12/19/2018	12/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	8.90 J	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.60 U	9.00 U	9.10 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.60 U	9.00 U	9.10 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.60 U	9.00 U	9.10 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	1.10 J	0.960 U	0.890 J	1.10 J	1.00 J
Perfluorodecanoic acid (PFDA)	0.900 U	0.960 U	0.900 U	2.20	2.10
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.30 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.80	1.40 J	2.10	3.40	3.90
Perfluorohexanesulfonic acid (PFHxS)	1.20 J	0.920 J	1.80 U	1.80 U	1.80 U
Perfluorohexanoic acid (PFHxA)	4.50	0.960 U	1.60 J	3.50	3.80
Perfluorononanoic acid (PFNA)	0.480 J	1.60 J	0.640 J	1.90	2.00
Perfluorooctanesulfonic acid (PFOS)	2.70 U	3.70 J	2.30 J	2.00 J	2.10 J
Perfluorooctanoic acid (PFOA)	12.0	4.00	6.20	5.00	5.50
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.90 U	2.70 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.90 U	2.70 U	2.70 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 4/25/2019

Locations:	XJM-94-07X	XJM-97-12X
Field Sample ID:	XJM-94-07X-DEC18	XJM-97-12X-JAN19
Sample Begin Depth:	3.70	20.00
Sample End Depth:	13.70	30.00
Sample Date:	12/19/2018	01/14/2019
PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.80 U	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.80 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.80 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	3.30	0.950 U
Perfluorodecanoic acid (PFDA)	0.600 J	0.630 J
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	9.80	3.40
Perfluorohexanesulfonic acid (PFHxS)	2.80	0.750 J
Perfluorohexanoic acid (PFHxA)	5.70	3.10
Perfluorononanoic acid (PFNA)	1.20 J	1.40 J
Perfluorooctanesulfonic acid (PFOS)	7.60	3.70 J
Perfluorooctanoic acid (PFOA)	29.0	5.80
Perfluorotetradecanoic acid (PFTA)	2.60 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

KOMAN, PFAS RI, Existing Monitoring Wells-Area 2

AOC 5, Shepley's Hill Landfill

Locations:	N6-P1	N7-P1	N7-P2	SHL-17	SHL-25
Field Sample ID:	N6-P1-JAN19	N7-P1-DEC18	N7-P2-DEC18	SHL-17-FAL18	SHL-25-FAL18
Sample Begin Depth:	85.50	66.00	29.00	6.00	23.50
Sample End Depth:	87.50	68.00	34.00	16.00	33.50
Sample Date:	01/15/2019	12/20/2018	12/20/2018	12/10/2018	12/10/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.60 U	9.70 U	9.60 U	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.60 U	9.70 U	9.60 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.60 U	9.70 U	9.60 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	8.10	10.0	10.0	0.960 U	10.0
Perfluorodecanoic acid (PFDA)	0.910 U	0.960 U	0.970 U	1.10 J	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	7.60	7.00	5.60	1.10 J	7.50
Perfluorohexanesulfonic acid (PFHxS)	66.0	15.0	150	1.90 U	15.0
Perfluorohexanoic acid (PFHxA)	23.0	25.0	17.0	2.10	10.0
Perfluorononanoic acid (PFNA)	0.880 J	0.990 J	0.900 J	0.770 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	30.0	5.40	49.0	2.00 J	2.90 U
Perfluorooctanoic acid (PFOA)	22.0	12.0	26.0	1.80 J	13.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.90 U	2.90 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.90 U	2.90 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	0.690 J	1.40 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	Locations: SHP-05-43	SHP-05-44	SHP-05-46A	SHP-05-46A (FD)	SHP-05-46B
Field Sample ID:	SHP-05-43-JAN19	SHP-05-44-JAN19	SHP-05-46A-FAL18	SHP-DUP03-FAL18	SHP-05-46B-FAL18
Sample Begin Depth:	50.50	51.00	20.00	20.00	65.00
Sample End Depth:	60.50	61.00	25.00	25.00	75.00
Sample Date:	01/11/2019	01/15/2019	12/10/2018	12/10/2018	12/10/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.10 U	9.40 U	9.60 U	9.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.10 U	9.40 U	9.60 U	9.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.10 U	9.40 U	9.60 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	3.10	2.40	2.30	2.40	2.90
Perfluorodecanoic acid (PFDA)	0.920 U	0.910 U	0.940 U	0.960 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)	7.70	3.60	5.20	5.40	5.00
Perfluorohexanesulfonic acid (PFHxS)	58.0	45.0	17.0	17.0	68.0
Perfluorohexanoic acid (PFHxA)	33.0	10.0	13.0	13.0	15.0
Perfluorononanoic acid (PFNA)	2.00	1.40 U	1.40 U	1.40 U	0.930 J
Perfluorooctanesulfonic acid (PFOS)	69.0	23.0	11.0	11.0	55.0
Perfluorooctanoic acid (PFOA)	23.0	9.30	20.0	23.0	24.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.80 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.80 U	2.90 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

Locations: SHP-99-33A	SHP-ATP
Field Sample ID: SHP-99-33A_FAL18	SHP-ATP-PW-010819
Sample Begin Depth: 10.50	0.00
Sample End Depth: 15.50	0.00
Sample Date: 12/10/2018	01/08/2019

PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	1.30 J	2.80
Perfluorodecanoic acid (PFDA)	0.950 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.20	15.0
Perfluorohexanesulfonic acid (PFHxS)	5.10	8.10
Perfluorohexanoic acid (PFHxA)	6.20	24.0
Perfluorononanoic acid (PFNA)	1.50 J	0.630 J
Perfluorooctanesulfonic acid (PFOS)	4.90	11.0
Perfluorooctanoic acid (PFOA)	14.0	12.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

KOMAN, PFAS RI, Existing Monitoring Wells-Area 2

AOC 69W, Former Fuel Oil Site

Locations:	ZWM-01-25X	ZWM-95-17X	ZWM-95-17X (FD)	ZWM-95-18X	ZWP-95-01X
Field Sample ID:	ZWM-01-25X-FAL18	ZWM-95-17X-FAL18	ZWM-DUP01-FAL18	ZWM-95-18X-DEC18	ZWP-95-01X-FAL18
Sample Begin Depth:	4.00	12.20	12.20	3.00	10.00
Sample End Depth:	14.00	22.20	22.20	13.00	12.00
Sample Date:	12/11/2018	12/11/2018	12/11/2018	12/19/2018	12/11/2018

PFAS (ng/L)

6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.50 U	9.70 U	9.10 U	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.50 U	9.50 U	9.70 U	9.10 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.50 U	9.70 U	9.10 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	28.0	10.0	10.0	7.30	7.20
Perfluorodecanoic acid (PFDA)	0.950 U	0.950 U	0.970 U	0.910 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	6.90	7.60	8.10	0.860 J	25.0
Perfluorohexanesulfonic acid (PFHxS)	22.0	40.0	37.0	95.0	110
Perfluorohexanoic acid (PFHxA)	14.0	12.0	12.0	0.720 J	56.0
Perfluorononanoic acid (PFNA)	2.30	0.850 J	0.810 J	1.00 J	0.590 J
Perfluorooctanesulfonic acid (PFOS)	22.0	56.0	57.0	50.0	110
Perfluorooctanoic acid (PFOA)	37.0	27.0	28.0	6.10	46.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.90 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.90 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.40 U	1.40 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

KOMAN, PFAS RI, Existing Monitoring Wells-Area 2

Former Fort Devens, Basewide

	Locations: AYR-MW001	AYR-MW002	AYR-MW003	AYR-MW004	AYR-MW004 (FD)
Field Sample ID:	AYR-MW001-JAN19	AYR-MW002-JAN19	AYR-MW003-JAN19	AYR-MW004-JAN19	A2-MW-DUP11-010719
Sample Begin Depth:	0.00	0.00	0.00	0.00	0.00
Sample End Depth:	0.00	0.00	0.00	0.00	0.00
Sample Date:	01/07/2019	01/07/2019	01/07/2019	01/07/2019	01/07/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.80 U	9.50 U	8.90 U	8.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.80 U	9.50 U	8.90 U	8.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.80 U	9.50 U	8.90 U	8.80 U
Perfluorobutanesulfonic acid (PFBS)	0.960 U	0.950 J	1.60 J	0.890 U	0.880 U
Perfluorodecanoic acid (PFDA)	0.960 U	0.980 U	0.950 U	0.890 U	0.880 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.40 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.80 J	0.700 J	1.30 U	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	1.90 U	4.40	5.40	0.890 U	0.880 U
Perfluorohexanoic acid (PFHxA)	0.960 U	1.10 J	0.520 J	0.430 J	0.460 J
Perfluorononanoic acid (PFNA)	1.40 U	1.50 U	1.40 U	1.30 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	1.70 J	14.0	2.80 U	2.70 U	2.70 U
Perfluorooctanoic acid (PFOA)	0.600 J	12.0	2.60	1.70 J	1.40 J
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.80 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.40 U	1.30 U	1.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

Locations: AYR-WWTP
Field Sample ID: AYR-WWTP-OUT-JAN19
Sample Begin Depth: 0.00
Sample End Depth: 0.00
Sample Date: 01/07/2019

PFAS (ng/L)	
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U
Perfluorobutanesulfonic acid (PFBS)	3.10
Perfluorodecanoic acid (PFDA)	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U
Perfluoroheptanoic acid (PFHpA)	7.90
Perfluorohexanesulfonic acid (PFHxS)	5.10
Perfluorohexanoic acid (PFHxA)	18.0
Perfluorononanoic acid (PFNA)	0.640 J
Perfluorooctanesulfonic acid (PFOS)	8.20
Perfluorooctanoic acid (PFOA)	11.0
Perfluorotetradecanoic acid (PFTA)	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

KOMAN, PFAS RI, Existing Monitoring Wells-Area 2

MacPherson

Locations: MPP-93-02	MPP-93-03
Field Sample ID: MPP-93-02-JAN19	MPP-93-03-JAN19
Sample Begin Depth: 0.00	0.00
Sample End Depth: 0.00	0.00
Sample Date: 01/15/2019	01/15/2019

PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	17.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	8.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	8.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	8.70 U
Perfluorobutanesulfonic acid (PFBS)	3.00	2.20
Perfluorodecanoic acid (PFDA)	0.900 U	0.870 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	3.80	5.70
Perfluorohexanesulfonic acid (PFHxS)	25.0	22.0
Perfluorohexanoic acid (PFHxA)	5.40	4.60
Perfluorononanoic acid (PFNA)	0.780 J	1.90
Perfluorooctanesulfonic acid (PFOS)	20.0	19.0
Perfluorooctanoic acid (PFOA)	8.30	11.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.60 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

KOMAN, PFAS RI, Fall 2018 Monitoring Wells

AOX 57, Building 3713 Fuel Oil Spill Site

	57M-03-01X	57M-03-02X	57M-03-03X	57M-03-04X	57M-03-05X
Locations:	57M-03-01X	57M-03-02X	57M-03-03X	57M-03-04X	57M-03-05X
Field Sample ID:	57M-03-01X-SEP18	57M-03-02X-OCT18	57M-03-03X-OCT18	57M-03-04X-OCT18	57M-03-05X-OCT18
Sample Begin Depth:	10.00	2.00	2.00	2.00	2.00
Sample End Depth:	20.00	12.00	12.00	12.00	12.00
Sample Date:	09/28/2018	10/01/2018	10/01/2018	10/01/2018	10/01/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	20.0 U	20.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.70 U	9.90 U	10.0 U	9.90 U	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.70 U	9.90 U	10.0 U	9.90 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.70 U	9.90 U	10.0 U	9.90 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	33.0	16.0	27.0	26.0	11.0
Perfluorodecanoic acid (PFDA)	2.70	0.990 U	0.570 J	0.990 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.50 U	1.50 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	120	83.0	150	230	76.0
Perfluorohexanesulfonic acid (PFHxS)	61.0	44.0	120	170	40.0
Perfluorohexanoic acid (PFHxA)	160	160	200	330	120
Perfluorononanoic acid (PFNA)	2.60	0.620 J	4.30	3.70	1.20 J
Perfluorooctanesulfonic acid (PFOS)	6.10	4.70	11.0	36.0	5.60
Perfluorooctanoic acid (PFOA)	100	25.0	130	350	84.0
Perfluorotetradecanoic acid (PFTA)	2.60 U	3.00 U	3.10 U	3.00 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	3.00 U	3.10 U	3.00 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.50 U	1.50 U	1.50 U	1.50 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	Locations: 57M-03-06X	57M-03-06X (FD)	57M-95-03X	57M-95-05X	57M-95-06X
Field Sample ID:	57M-03-06X-SEP18	A1-MW-FD-09282018	57M-95-03X_SEP18	57M-95-05X-SEP18	57M-95-06X-SEP18
Sample Begin Depth:	2.00	2.00	7.00	10.00	11.87
Sample End Depth:	12.00	12.00	17.00	20.00	21.87
Sample Date:	09/28/2018	09/28/2018	09/24/2018	09/28/2018	09/25/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	20.0 U	18.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.50 U	9.80 U	8.90 U	9.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.50 U	9.80 U	8.90 U	9.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.50 U	9.80 U	8.90 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	8.50	9.20	8.60	1.20 J	2.90
Perfluorodecanoic acid (PFDA)	0.960 U	0.950 U	0.980 U	1.00 J	0.580 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.30 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	62.0	64.0	72.0	2.10	100
Perfluorohexanesulfonic acid (PFHxS)	26.0	25.0	5.30	2.50	19.0
Perfluorohexanoic acid (PFHxA)	150	150	43.0	2.00	49.0
Perfluorononanoic acid (PFNA)	2.50	2.70	0.920 J	1.70 J	5.60
Perfluorooctanesulfonic acid (PFOS)	6.30	6.10	4.30	3.70	5.70
Perfluorooctanoic acid (PFOA)	68.0	71.0	290	3.80	58.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.90 U	2.70 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.90 U	2.70 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.30 U	1.50 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	Locations: 57M-95-07X	57M-96-11X	57M-96-12X	57M-96-12X (FD)	57M-96-13X
Field Sample ID:	57M-95-07X-OCT18	57M-96-11X-SEP18	57M-96-12X-SEP18	A1-MW-DUP-09252018	57M-96-13X-SEP18
Sample Begin Depth:	3.00	2.00	2.00	2.00	2.00
Sample End Depth:	13.00	12.00	12.00	12.00	12.00
Sample Date:	10/01/2018	09/24/2018	09/25/2018	09/25/2018	09/25/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.70 U	9.40 U	9.30 U	9.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.90 U	9.40 U	9.30 U	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.90 U	9.40 U	9.30 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	2.50	18.0	51.0	47.0	82.0
Perfluorodecanoic acid (PFDA)	0.660 J	0.990 U	0.940 U	0.930 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	49.0	74.0 J	110	100	450
Perfluorohexanesulfonic acid (PFHxS)	45.0	7.30	5.70	5.70	28.0
Perfluorohexanoic acid (PFHxA)	89.0	210	600	570	510
Perfluorononanoic acid (PFNA)	6.80	1.50 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	24.0	3.00 U	2.80 U	2.80 U	2.90 U
Perfluorooctanoic acid (PFOA)	150	110 J	55.0	54.0	71.0
Perfluorotetradecanoic acid (PFTA)	3.10 U	3.00 U	2.80 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	3.00 U	2.80 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.50 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 4/25/2019

	Locations: 57P-98-03X	57P-98-04X	57WP-06-02	57WP-06-03
Field Sample ID:	57P-98-03X_SEP18	57P-98-04X-SEP18	57WP-06-02-OCT18	57WP-06-03-SEP18
Sample Begin Depth:	2.50	2.00	18.92	13.85
Sample End Depth:	5.50	5.00	23.92	18.85
Sample Date:	09/24/2018	09/24/2018	10/01/2018	09/28/2018
PFAS (ng/L)				
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	39.0 J	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	9.60 U	9.90 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	9.60 U	9.90 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	9.60 U	9.90 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	13.0	5.90	16.0	5.20
Perfluorodecanoic acid (PFDA)	0.990 U	0.960 U	0.990 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	12.0	12.0	200	17.0
Perfluorohexanesulfonic acid (PFHxS)	6.20	7.20	200	6.10
Perfluorohexanoic acid (PFHxA)	190	82.0	330	60.0
Perfluorononanoic acid (PFNA)	1.50 U	1.40 U	2.50	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	2.90 U	51.0	2.80 U
Perfluorooctanoic acid (PFOA)	7.90	2.90	330	11.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.90 U	3.00 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.90 U	3.00 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.50 U	1.40 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

KOMAN, PFAS RI, Fall 2018 Monitoring Wells

AOC 74, Barnum Road Firefighting Exercise Site

Locations: 74IG-01

Field Sample ID: 74-IG01-OCT18

Sample Begin Depth: 0.00

Sample End Depth: 0.00

Sample Date: 10/04/2018

PFAS (ng/L)

6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.40 U
Perfluorobutanesulfonic acid (PFBS)	0.840 U
Perfluorodecanoic acid (PFDA)	0.840 U
Perfluorododecanoic acid (PFDoA)	1.30 U
Perfluoroheptanoic acid (PFHpA)	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	0.840 U
Perfluorohexanoic acid (PFHxA)	0.840 U
Perfluorononanoic acid (PFNA)	1.30 U
Perfluorooctanesulfonic acid (PFOS)	2.50 U
Perfluorooctanoic acid (PFOA)	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.50 U
Perfluorotridecanoic acid (PFTrDA)	2.50 U
Perfluoroundecanoic acid (PFUnA)	1.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

KOMAN, PFAS RI, Fall 2018 Monitoring Wells

Grove Pond Area

	Locations: 92-1	92-3	92-4	CSMS-11-01	CSMS-11-02
Field Sample ID:	92-1-OCT18	92-3-OCT18	92-4-OCT18	CSMS-11-01-OCT18	CSMS-11-02-OCT18
Sample Begin Depth:	49.00	49.00	67.00	30.00	30.00
Sample End Depth:	55.00	55.00	71.00	40.00	40.00
Sample Date:	10/05/2018	10/04/2018	10/05/2018	10/04/2018	10/04/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	12.0 J	19.0 U	20.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.40 U	9.40 U	9.80 UJ	8.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.40 U	9.40 U	9.80 U	8.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.40 U	9.40 U	9.80 UJ	8.80 U
Perfluorobutanesulfonic acid (PFBS)	1.10 J	1.00 J	3.60	4.10	3.90
Perfluorodecanoic acid (PFDA)	0.960 U	0.940 U	0.940 U	1.20 J	0.880 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.50 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	1.50 J	1.60 J	48.0	130 J	5.10
Perfluorohexanesulfonic acid (PFHxS)	6.40	3.80	21.0	19.0 J	3.10
Perfluorohexanoic acid (PFHxA)	4.40	3.30	92.0	170	7.10
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	0.670 J	3.00	1.30 U
Perfluorooctanesulfonic acid (PFOS)	4.40	7.60	15.0	36.0	1.30 J
Perfluorooctanoic acid (PFOA)	3.80	7.20	21.0	67.0 J	5.70
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	2.90 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.80 U	2.90 U	2.60 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.50 U	1.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	Locations: GF-1	GF-2	GF-3A	GF-3A (FD)	GF-3B
Field Sample ID:	GF-1-OCT18	GF-2-OCT18	GF-3A-OCT18	A1-MW-FD-100418	GF-3B-OCT18
Sample Begin Depth:	116.00	114.00	97.00	97.00	8.00
Sample End Depth:	121.00	121.00	102.00	102.00	13.00
Sample Date:	10/05/2018	10/05/2018	10/04/2018	10/04/2018	10/04/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	11.0 J	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.10 U	9.30 U	9.20 U	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.10 U	9.30 U	9.20 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.10 U	9.30 U	9.20 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	0.670 J	0.910 U	0.920 J	1.30 J	2.30
Perfluorodecanoic acid (PFDA)	0.950 U	0.910 U	0.930 U	0.920 U	0.470 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	0.880 J	1.40 U	1.50 J	4.00 J	5.40
Perfluorohexanesulfonic acid (PFHxS)	2.50	0.540 J	4.00	5.90	9.60
Perfluorohexanoic acid (PFHxA)	2.30	0.910 U	3.20 J	7.10 J	9.40
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	0.970 J	1.30 J
Perfluorooctanesulfonic acid (PFOS)	1.40 J	2.90 J	7.00 J	2.80 J	6.40
Perfluorooctanoic acid (PFOA)	2.80	0.660 J	6.70 J	10.0 J	13.0
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)	1.40 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 4/25/2019

	Locations: GF-4	MNG-2R	MNG-3R	MNG-3R (FD)	MNG-5R
Field Sample ID:	GF-4-OCT18	MNG-2R-OCT18	MNG-3R-OCT18	A1-MW-FD-100418MM	MNG-5R-OCT18
Sample Begin Depth:	79.00	14.00	55.00	55.00	10.00
Sample End Depth:	84.00	24.00	65.00	65.00	20.00
Sample Date:	10/05/2018	10/02/2018	10/04/2018	10/04/2018	10/02/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	18.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.50 U	9.20 U	9.10 U	10.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.50 U	9.20 U	9.10 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.50 U	9.20 U	9.10 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.40 J	8.40	5.40	5.20	5.10
Perfluorodecanoic acid (PFDA)	0.900 U	0.580 J	1.80	1.60 J	1.20 J
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.30 U	480	150	140	380
Perfluorohexanesulfonic acid (PFHxS)	4.60	65.0	17.0	19.0	23.0
Perfluorohexanoic acid (PFHxA)	0.680 J	360	190	190	290
Perfluorononanoic acid (PFNA)	1.30 U	0.950 J	2.60	2.80	4.80
Perfluorooctanesulfonic acid (PFOS)	6.40	2.60 J	30.0	29.0	7.50
Perfluorooctanoic acid (PFOA)	4.40	200	79.0	74.0	170
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.70 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.70 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.40 U	1.40 U	1.50 U

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Locations: MNG-6R
Field Sample ID: MNG-6R-OCT18
Sample Begin Depth: 30.00
Sample End Depth: 40.00
Sample Date: 10/02/2018

PFAS (ng/L)	
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	3.00 J
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U
Perfluorobutanesulfonic acid (PFBS)	3.30
Perfluorodecanoic acid (PFDA)	13.0
Perfluorododecanoic acid (PFDoA)	1.50 U
Perfluoroheptanoic acid (PFHpA)	160
Perfluorohexanesulfonic acid (PFHxS)	9.00
Perfluorohexanoic acid (PFHxA)	150
Perfluorononanoic acid (PFNA)	11.0
Perfluorooctanesulfonic acid (PFOS)	24.0
Perfluorooctanoic acid (PFOA)	130
Perfluorotetradecanoic acid (PFTA)	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 J

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

KOMAN, PFAS RI, Fall 2018 SHL Monitoring Wells

AOC 5, Shepley's Hill Landfill

	Locations: EPA-PZ-2012-2A	EPA-PZ-2012-2B	EPA-PZ-2012-3A	EPA-PZ-2012-3B	N2-P1
Field Sample ID:	EPA-PZ-2012-2A_FAL18	EPA-PZ-2012-2B_FAL18	EPA-PZ-2012-3A_FAL18	EPA-PZ-2012-3B_FAL18	N2-P1_FAL18
Sample Begin Depth:	18.14	73.16	19.09	68.70	35.00
Sample End Depth:	23.14	78.16	24.09	73.70	40.00
Sample Date:	11/13/2018	11/13/2018	11/14/2018	11/14/2018	12/06/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.30 U	9.40 U	9.70 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.40 U	9.30 U	9.40 U	9.70 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.30 U	9.40 U	9.70 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	0.900 J	4.10	1.00 J	4.20	6.70
Perfluorodecanoic acid (PFDA)	0.940 U	0.930 U	0.940 U	0.970 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 UJ	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.80	4.50	2.90	5.30	5.80
Perfluorohexanesulfonic acid (PFHxS)	2.60	110	2.60	110	130
Perfluorohexanoic acid (PFHxA)	1.40 J	16.0	4.30	20.0	21.0
Perfluorononanoic acid (PFNA)	1.10 J	0.770 J	0.520 J	0.640 J	1.20 J
Perfluorooctanesulfonic acid (PFOS)	12.0	79.0	6.40	74.0	99.0
Perfluorooctanoic acid (PFOA)	9.50	20.0	8.80	24.0	28.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.90 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	2.90 U	2.70 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 4/25/2019

Locations:	SHL-12	SHL-15	SHL-4	SHL-5/WT-5	SHM-05-40X
Field Sample ID:	SHL-12_FAL18	SHL-15_FAL18	SHL-4_FAL18	SHL_5/WT-5_FAL18	SHM-05-40X_FAL18
Sample Begin Depth:	15.00	14.00	3.00	0.00	32.00
Sample End Depth:	30.00	24.00	13.00	0.00	34.00
Sample Date:	11/26/2018	11/12/2018	11/14/2018	11/14/2018	11/26/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	20.0 U	19.0 U	19.0 U	17.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.60 U	10.0 U	9.70 U	9.50 U	8.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.60 U	10.0 U	9.70 U	9.50 U	8.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.60 U	10.0 U	9.70 U	9.50 U	8.70 U
Perfluorobutanesulfonic acid (PFBS)	14.0	3.40	1.30 J	0.890 J	3.50
Perfluorodecanoic acid (PFDA)	0.860 U	1.00 U	0.970 U	0.950 U	0.870 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.50 U	1.50 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	11.0	9.60	2.30	2.10	6.90
Perfluorohexanesulfonic acid (PFHxS)	250	11.0	3.40	1.70 J	53.0
Perfluorohexanoic acid (PFHxA)	21.0	12.0	3.00	2.10	18.0
Perfluorononanoic acid (PFNA)	1.30 U	3.30	1.50 U	1.70 J	0.500 J
Perfluorooctanesulfonic acid (PFOS)	42.0	14.0	3.70 J	7.70	30.0
Perfluorooctanoic acid (PFOA)	50.0	15.0	6.90	6.50	30.0
Perfluorotetradecanoic acid (PFTA)	2.60 U	3.00 U	2.90 U	2.80 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	3.00 U	2.90 U	2.80 U	2.60 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.50 U	1.50 U	1.40 U	1.30 U

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	Locations: SHM-05-40X (FD)	SHM-05-41A	SHM-05-41B	SHM-05-42A	SHM-05-42B
Field Sample ID:	SHL-DUP10_FAL18	SHM-05-41A_FAL18	SHM-05-41B_FAL18	SHM-05-42A_FAL18	SHM-05-42B_FAL18
Sample Begin Depth:	32.00	42.00	62.00	40.00	70.00
Sample End Depth:	34.00	44.00	64.00	42.00	72.00
Sample Date:	11/26/2018	11/16/2018	11/16/2018	11/15/2018	11/15/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.90 U	9.40 U	9.30 U	9.50 U	9.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.90 U	9.40 U	9.30 U	9.50 U	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.90 U	9.40 U	9.30 U	9.50 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	3.40	0.520 J	2.30	0.890 J	4.10
Perfluorodecanoic acid (PFDA)	0.890 U	0.940 U	0.930 U	0.950 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	6.40	1.90	3.10	0.630 J	6.30
Perfluorohexanesulfonic acid (PFHxS)	56.0	2.80	35.0	3.80	62.0
Perfluorohexanoic acid (PFHxA)	18.0	1.40 J	7.70	1.40 J	20.0
Perfluorononanoic acid (PFNA)	1.30 U	1.40 U	1.40 U	1.40 U	1.00 J
Perfluorooctanesulfonic acid (PFOS)	29.0	4.10	22.0	1.40 J	35.0
Perfluorooctanoic acid (PFOA)	29.0	10.0	15.0	3.60	26.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.40 U	1.40 U	1.50 U

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	SHM-07-03	SHM-10-03	SHM-10-06	SHM-10-10	SHM-10-11
Locations:	SHM-07-03	SHM-10-03	SHM-10-06	SHM-10-10	SHM-10-11
Field Sample ID:	SHM-07-03_FALL18	SHM-10-03_FAL18	SHM-10-06_FAL18	SHM-10-10_FALL18	SHM-10-11_FAL18
Sample Begin Depth:	25.00	58.50	69.50	56.00	50.00
Sample End Depth:	35.00	68.50	79.50	66.00	60.00
Sample Date:	11/19/2018	11/28/2018	11/12/2018	11/19/2018	11/09/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	17.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	8.70 U	9.60 U	9.60 U	9.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	8.70 U	9.60 U	9.60 U	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	8.70 U	9.60 U	9.60 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	2.70	5.20	3.70	2.90	5.50
Perfluorodecanoic acid (PFDA)	1.00 U	0.870 U	0.960 U	0.960 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.30 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.80 J	4.00	5.60	7.70	5.90
Perfluorohexanesulfonic acid (PFHxS)	1.50 J	29.0	93.0	32.0	60.0
Perfluorohexanoic acid (PFHxA)	1.60 J	12.0	16.0	15.0	16.0
Perfluorononanoic acid (PFNA)	1.00 J	1.30 U	0.600 J	1.40 U	0.560 J
Perfluorooctanesulfonic acid (PFOS)	2.90 J	16.0	57.0	18.0	22.0
Perfluorooctanoic acid (PFOA)	6.70	20.0	23.0	29.0	15.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.60 U	2.90 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.60 U	2.90 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.30 U	1.40 U	1.40 U	1.50 U

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	SHM-10-16	SHM-11-06	SHM-13-03	SHM-13-04	SHM-13-08
Locations:	SHM-10-16	SHM-11-06	SHM-13-03	SHM-13-04	SHM-13-08
Field Sample ID:	SHM-10-16_FAL18	SHM-11-06_FAL18	SHM-13-03_FALL18	SHM-13-04_FAL18	SHM-13-08_FALL18
Sample Begin Depth:	75.00	25.00	42.00	20.00	55.00
Sample End Depth:	85.00	35.00	52.00	30.00	65.00
Sample Date:	11/15/2018	11/12/2018	11/19/2018	11/13/2018	11/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	20.0 UJ	21.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.80 UJ	10.0 U	9.90 U	9.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.80 UJ	10.0 U	9.90 U	9.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.80 UJ	10.0 U	9.90 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	5.10	3.40 J	3.40	2.10	1.40 J
Perfluorodecanoic acid (PFDA)	1.00 U	0.980 UJ	1.00 U	0.990 U	0.990 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.50 UJ	1.60 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	9.10	4.20 J	8.90	1.30 J	3.40
Perfluorohexanesulfonic acid (PFHxS)	81.0	100 J	39.0	3.30	11.0
Perfluorohexanoic acid (PFHxA)	29.0	10.0 J	22.0	1.80 J	6.20
Perfluorononanoic acid (PFNA)	1.60 U	1.10 J	1.60 U	1.50 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	53.0	58.0 J	26.0	3.30 J	9.70
Perfluorooctanoic acid (PFOA)	36.0	18.0 J	36.0	4.30	12.0
Perfluorotetradecanoic acid (PFTA)	3.10 U	3.00 UJ	3.10 U	3.00 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	3.00 UJ	3.10 U	3.00 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.50 UJ	1.60 U	1.50 U	1.50 U

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	SHM-13-15	SHM-93-24A	SHM-96-5B	SHM-96-5B (FD)	SHM-96-5C
Locations:	SHM-13-15	SHM-93-24A	SHM-96-5B	SHM-96-5B (FD)	SHM-96-5C
Field Sample ID:	SHM-13-15_FAL18	SHM-93-24A_FAL18	SHM-96-5B_FAL18	11262018_PFAS_DUP01	SHM-96-5C_FAL18
Sample Begin Depth:	50.00	13.20	80.00	80.00	50.00
Sample End Depth:	60.00	23.20	90.00	90.00	60.00
Sample Date:	11/15/2018	11/26/2018	11/26/2018	11/26/2018	11/20/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	18.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	9.50 U	9.20 U	9.90 U	9.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	9.50 U	9.20 U	9.90 U	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	9.50 U	9.20 U	9.90 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	2.10	4.90	4.20	4.60	1.70 J
Perfluorodecanoic acid (PFDA)	0.630 J	0.950 U	0.770 J	0.760 J	0.970 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	3.30	14.0	9.30	9.70	3.30
Perfluorohexanesulfonic acid (PFHxS)	15.0	14.0 J	58.0	59.0	26.0
Perfluorohexanoic acid (PFHxA)	8.30	17.0	22.0	22.0	7.00
Perfluorononanoic acid (PFNA)	1.50 U	0.850 J	2.60	2.50	1.30 J
Perfluorooctanesulfonic acid (PFOS)	11.0	5.00	40.0	42.0	26.0
Perfluorooctanoic acid (PFOA)	12.0	25.0	33.0	33.0	12.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.90 U	2.80 U	3.00 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.90 U	2.80 U	3.00 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.50 U	1.50 U

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	Locations: SHP-01-38B	SHP-01-38B (FD)	SHP-2016-06A	SHP-2016-06B	SHP-2016-06C
Field Sample ID:	SHP-01-38B_FAL18	SHP-DUP01_FAL18	SHP-2016-06A-FAL18	SHP-2016-06B_FAL18	SHP-2016-06C_FAL18
Sample Begin Depth:	18.00	18.00	81.00	102.00	123.00
Sample End Depth:	23.00	23.00	86.00	112.00	133.00
Sample Date:	12/06/2018	12/06/2018	11/09/2018	11/07/2018	11/07/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	18.0 J	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.20 U	9.40 U	9.60 U	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.20 U	9.40 U	9.60 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.20 U	9.40 U	9.60 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	2.30	2.30	0.940 U	0.960 U	0.950 U
Perfluorodecanoic acid (PFDA)	0.900 U	0.920 U	0.940 U	0.960 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.90	3.30	0.730 J	1.40 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	42.0	37.0	0.570 J	0.960 U	0.950 U
Perfluorohexanoic acid (PFHxA)	7.50	7.70	0.940 U	0.960 U	0.950 U
Perfluorononanoic acid (PFNA)	1.00 J	0.860 J	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	50.0	47.0	2.80 U	2.90 U	2.80 U
Perfluorooctanoic acid (PFOA)	14.0	15.0	0.570 J	1.40 U	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 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: SHP-2016-1A	SHP-2016-1B	SHP-2016-2A	SHP-2016-2B	SHP-99-33B
Field Sample ID:	SHP-2016-1A_FAL18	SHP-2016-1B_FAL18	SHP-2016-2A_FAL18	SHP-2016-2B_FAL18	SHP-99-33B_FAL18
Sample Begin Depth:	13.00	75.00	20.00	80.00	74.50
Sample End Depth:	23.00	85.00	25.00	85.00	79.50
Sample Date:	11/13/2018	11/13/2018	11/15/2018	11/15/2018	12/06/2018
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)	9.40 U	9.70 U	9.60 U	9.50 U	9.60 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.70 U	9.60 U	9.50 U	9.60 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.70 U	9.60 U	9.50 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	3.60	1.60 J	0.960 U	3.80	4.80
Perfluorodecanoic acid (PFDA)	0.940 U	0.970 U	0.960 U	0.950 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.30 J	2.90	1.40 U	7.20	10.0
Perfluorohexanesulfonic acid (PFHxS)	2.10	6.90	1.50 J	58.0	65.0
Perfluorohexanoic acid (PFHxA)	0.890 J	4.10	0.960 U	19.0	29.0
Perfluorononanoic acid (PFNA)	1.40 U	0.600 J	1.40 U	0.660 J	0.530 J
Perfluorooctanesulfonic acid (PFOS)	3.10 J	11.0	2.90 U	39.0	39.0
Perfluorooctanoic acid (PFOA)	4.50	7.70	2.20	28.0	44.0
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	1.50 U	1.40 U	1.40 U	1.40 U

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KOMAN, PFAS RI, Vertical Profile Samples-Area 1

AOC 57, Building 3713 Fuel Oil Spill Site

	5701VP-18-01	5701VP-18-01	5701VP-18-01	5701VP-18-01	5701VP-18-01
Locations:	5701VP-18-01	5701VP-18-01	5701VP-18-01	5701VP-18-01	5701VP-18-01
Field Sample ID:	5701VP-18-01-12-16	5701VP-18-01-22-26	5701VP-18-01-32-36	5701VP-18-01-42-46	5701VP-18-01-52-56
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:	12/05/2018	12/05/2018	12/05/2018	12/06/2018	12/06/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.20 U	9.30 U	9.20 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.20 U	9.30 U	9.20 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.20 U	9.30 U	9.20 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	2.90	2.30	1.80 J	1.20 J	1.30 J
Perfluorodecanoic acid (PFDA)	0.910 U	0.920 U	0.930 U	0.920 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	4.10	2.60	1.90	1.40 U	0.950 J
Perfluorohexanesulfonic acid (PFHxS)	13.0	9.60	25.0	11.0	14.0
Perfluorohexanoic acid (PFHxA)	11.0	7.40	7.30	1.10 J	1.80
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.90	3.00 J	1.70 J	1.30 J	2.70 J
Perfluorooctanoic acid (PFOA)	8.30	4.70	4.60	0.820 J	2.80
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 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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	5701VP-18-01	5701VP-18-01	5701VP-18-02	5701VP-18-02	5701VP-18-02
Locations:	5701VP-18-01	5701VP-18-01	5701VP-18-02	5701VP-18-02	5701VP-18-02
Field Sample ID:	5701VP-18-01-62-66	5701VP-18-01-72-76	5701VP-18-02-12-16	5701VP-18-02-22-26	5701VP-18-02-32-36
Sample Begin Depth:	62.00	72.00	12.00	22.00	32.00
Sample End Depth:	66.00	76.00	16.00	26.00	36.00
Sample Date:	12/06/2018	12/06/2018	12/06/2018	12/07/2018	12/07/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.10 U	9.60 U	9.10 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.10 U	9.60 U	9.10 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.10 U	9.60 U	9.10 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	0.910 U	0.910 U	2.70	2.30	3.30
Perfluorodecanoic acid (PFDA)	0.910 U	0.910 U	0.960 U	0.910 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 UJ	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	2.20	2.40	2.90
Perfluorohexanesulfonic acid (PFHxS)	0.910 U	0.970 J	8.90	11.0	75.0
Perfluorohexanoic acid (PFHxA)	0.910 U	0.850 J	5.70	6.90	10.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.70 U	2.70 U	1.70 J	2.30 J	4.30
Perfluorooctanoic acid (PFOA)	1.40 U	1.40 U	4.40	5.40	7.60
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.90 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.90 U	2.70 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: 5701VP-18-02	5701VP-18-02	5701VP-18-02	5701VP-18-02	5701VP-18-02 (FD)
Field Sample ID:	5701VP-18-02-42-46	5701VP-18-02-52-56	5701VP-18-02-62-66	5701VP-18-02-72-76	A1-VP-DUP-R2-12072018
Sample Begin Depth:	42.00	52.00	62.00	72.00	32.00
Sample End Depth:	46.00	56.00	66.00	76.00	36.00
Sample Date:	12/07/2018	12/07/2018	12/07/2018	12/07/2018	12/07/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.30 U	9.20 U	9.30 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.30 U	9.20 U	9.30 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.30 U	9.20 U	9.30 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	3.50	4.00	0.920 U	0.810 J	3.30
Perfluorodecanoic acid (PFDA)	0.920 U	0.930 U	0.920 U	0.930 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)	0.670 J	1.40 U	1.40 U	0.590 J	2.80
Perfluorohexanesulfonic acid (PFHxS)	21.0	19.0	0.920 U	3.60	68.0
Perfluorohexanoic acid (PFHxA)	3.90	5.50	0.920 U	2.60	9.40
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	1.10 J	2.80 U	2.80 U	1.00 J	4.40
Perfluorooctanoic acid (PFOA)	1.20 J	1.10 J	1.40 U	0.540 J	7.50
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 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: 5702VP-18-01	5702VP-18-01	5702VP-18-01	5702VP-18-01	5702VP-18-01
Field Sample ID:	5702VP-18-01-102-106	5702VP-18-01-22-26	5702VP-18-01-32-36	5702VP-18-01-42-46	5702VP-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:	11/12/2018	11/08/2018	11/08/2018	11/08/2018	11/09/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	8.50 J	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.50 U	9.40 U	9.50 U	9.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.50 U	9.40 U	9.50 U	9.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.50 U	9.40 U	9.50 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	1.00 U	11.0	25.0	2.90	0.890 J
Perfluorodecanoic acid (PFDA)	1.00 U	0.950 U	0.630 J	0.950 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	680	1600	73.0	3.00
Perfluorohexanesulfonic acid (PFHxS)	1.00 U	210	1100	52.0	10.0
Perfluorohexanoic acid (PFHxA)	1.00 U	410	1200	51.0	2.90
Perfluorononanoic acid (PFNA)	1.50 U	7.10	6.40	1.30 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	260	250	21.0	2.00 J
Perfluorooctanoic acid (PFOA)	1.50 U	450	1700	100	4.60
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 5702VP-18-01	5702VP-18-01	5702VP-18-01	5702VP-18-01	5702VP-18-02
Field Sample ID:	5702VP-18-01-62-66	5702VP-18-01-72-76	5702VP-18-01-82-86	5702VP-18-01-92-96	5702VP-18-02-12-16
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:	11/09/2018	11/09/2018	11/09/2018	11/09/2018	11/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	21.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.30 U	9.60 U	10.0 U	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.30 U	9.60 U	10.0 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.30 U	9.60 U	10.0 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	2.60	1.70 J	0.960 U	1.00 U	39.0
Perfluorodecanoic acid (PFDA)	0.930 U	0.930 U	0.960 U	1.00 U	3.00
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.60 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.30 J	0.880 J	1.40 U	1.60 U	290
Perfluorohexanesulfonic acid (PFHxS)	28.0	19.0	1.90 U	2.10 U	130
Perfluorohexanoic acid (PFHxA)	2.90	0.890 J	0.960 U	1.00 U	460
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.60 U	5.40
Perfluorooctanesulfonic acid (PFOS)	3.30 J	3.20 J	2.90 U	3.10 U	9.70
Perfluorooctanoic acid (PFOA)	7.10	10.0	1.40 U	1.60 U	140
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	3.10 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 U	3.10 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.60 U	1.50 U

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	5702VP-18-02	5702VP-18-02	5702VP-18-02	5702VP-18-02	5702VP-18-02
Locations:	5702VP-18-02	5702VP-18-02	5702VP-18-02	5702VP-18-02	5702VP-18-02
Field Sample ID:	5702VP-18-02-22-26	5702VP-18-02-32-36	5702VP-18-02-42-46	5702VP-18-02-52-56	5702VP-18-02-62-66
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:	11/19/2018	11/19/2018	11/19/2018	11/19/2018	11/20/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U	20.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	9.80 U	10.0 U	10.0 U	9.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.70 U	9.80 U	10.0 U	10.0 U	9.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.80 U	10.0 U	10.0 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	45.0	33.0	2.90	3.80	0.930 J
Perfluorodecanoic acid (PFDA)	1.40 J	1.70 J	1.00 U	1.00 U	0.470 J
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.50 U	1.50 U	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	200	770	26.0	81.0	20.0 J
Perfluorohexanesulfonic acid (PFHxS)	160	400	24.0	36.0	6.00
Perfluorohexanoic acid (PFHxA)	650	1000	45.0	93.0	22.0 J
Perfluorononanoic acid (PFNA)	8.10	5.00	1.50 U	0.540 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	28.0	60.0	4.40	4.30	1.20 J
Perfluorooctanoic acid (PFOA)	140	500	26.0	34.0	9.00
Perfluorotetradecanoic acid (PFTA)	2.90 U	3.00 U	3.00 U	3.00 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	3.00 U	3.00 U	3.00 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.50 U	1.50 U	1.40 U

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	Locations: 5702VP-18-02	5702VP-18-02	5702VP-18-02 (FD)	5702VP-18-03	5702VP-18-03
Field Sample ID:	5702VP-18-02-72-76	5702VP-18-02-82-86	A2-VP-DUP-R1	5702VP-18-03-12-16	5702VP-18-03-22-26
Sample Begin Depth:	72.00	82.00	62.00	12.00	22.00
Sample End Depth:	76.00	86.00	66.00	16.00	26.00
Sample Date:	11/20/2018	11/20/2018	11/20/2018	11/12/2018	11/12/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	26.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	13.0 U	9.50 U	9.20 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	13.0 U	9.50 U	9.20 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	13.0 U	9.50 U	9.20 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	1.50 J	3.40	0.630 J	0.470 J	5.90
Perfluorodecanoic acid (PFDA)	0.930 U	3.80	0.460 J	1.20 J	0.720 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.90 U	1.40 UJ	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	4.30	83.0	15.0 J	0.940 J	25.0
Perfluorohexanesulfonic acid (PFHxS)	12.0	26.0	4.70	0.550 J	330
Perfluorohexanoic acid (PFHxA)	4.90	96.0	16.0 J	1.00 J	110
Perfluorononanoic acid (PFNA)	1.40 U	3.10	1.40 U	1.30 J	1.30 J
Perfluorooctanesulfonic acid (PFOS)	1.10 J	10.0	1.40 J	2.20 J	35.0
Perfluorooctanoic acid (PFOA)	3.10	47.0	7.20	2.10	410
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.90 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.90 U	2.80 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.90 U	1.40 U	1.40 U	1.40 U

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	5702VP-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03
Locations:	5702VP-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03
Field Sample ID:	5702VP-18-03-32-36	5702VP-18-03-42-46	5702VP-18-03-52-56	5702VP-18-03-62-66	5702VP-18-03-72-76
Sample Begin Depth:	32.00	42.00	52.00	62.00	72.00
Sample End Depth:	36.00	46.00	56.00	66.00	76.00
Sample Date:	11/12/2018	11/12/2018	11/12/2018	11/13/2018	11/13/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.30 U	9.10 U	9.10 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.30 U	9.10 U	9.10 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.30 U	9.10 U	9.10 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	18.0	1.40 J	1.50 J	0.910 U	0.930 U
Perfluorodecanoic acid (PFDA)	0.910 U	0.930 U	0.910 U	0.910 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	77.0	1.40 U	1.40 U	0.900 J	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	1100	13.0	15.0	12.0	0.600 J
Perfluorohexanoic acid (PFHxA)	460	0.700 J	0.910 U	4.90	0.930 U
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	110	2.80 U	2.70 U	1.90 J	2.80 U
Perfluorooctanoic acid (PFOA)	1200	2.70	1.60 J	13.0	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.70 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.70 U	2.70 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-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03 (FD)	5702VP-18-04
Field Sample ID:	5702VP-18-03-82-86	5702VP-18-03-92-96	5702VP-18-03-98-102	A1-VP-DUP-R2-11122018	5702VP-18-04-102-106
Sample Begin Depth:	82.00	92.00	98.00	22.00	102.00
Sample End Depth:	86.00	96.00	102.00	26.00	106.00
Sample Date:	11/13/2018	11/14/2018	11/14/2018	11/12/2018	11/13/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	24.0 U	21.0 U	18.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	12.0 U	10.0 U	9.00 U	12.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	12.0 U	10.0 U	9.00 U	12.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	12.0 U	10.0 U	9.00 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	0.940 U	1.20 U	1.00 U	6.00	1.20 U
Perfluorodecanoic acid (PFDA)	0.940 U	1.20 U	1.00 U	0.750 J	1.20 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.80 U	1.60 U	1.40 U	1.80 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	0.850 J	1.60 U	24.0	1.00 J
Perfluorohexanesulfonic acid (PFHxS)	1.00 J	10.0	1.00 U	360	4.00
Perfluorohexanoic acid (PFHxA)	0.940 U	4.20	1.00 U	110	2.70
Perfluorononanoic acid (PFNA)	1.40 U	1.80 U	1.60 U	1.30 J	1.80 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	1.30 J	3.10 U	33.0	3.50 U
Perfluorooctanoic acid (PFOA)	0.870 J	14.0	1.60 U	420	1.90 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.50 U	3.10 U	2.70 U	3.50 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.50 U	3.10 U	2.70 U	3.50 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.80 U	1.60 U	1.40 U	1.80 U

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	Locations: 5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04
Field Sample ID:	5702VP-18-04-12-16	5702VP-18-04-22-26	5702VP-18-04-32-36	5702VP-18-04-42-46	5702VP-18-04-52-56
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:	11/12/2018	11/12/2018	11/12/2018	11/12/2018	11/12/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U	23.0 U	21.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	10.0 U	12.0 U	10.0 U	12.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.40 U	10.0 U	12.0 U	10.0 U	12.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	10.0 U	12.0 U	10.0 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	4.10	7.20	11.0	1.40 J	1.50 J
Perfluorodecanoic acid (PFDA)	2.00	1.00 U	4.10	1.00 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.70 U	1.50 U	1.80 U
Perfluoroheptanoic acid (PFHpA)	150	210	150	3.40	1.80 U
Perfluorohexanesulfonic acid (PFHxS)	19.0	44.0	57.0	29.0	13.0
Perfluorohexanoic acid (PFHxA)	160	120	260	15.0	1.80 J
Perfluorononanoic acid (PFNA)	6.80	11.0	4.30	1.50 U	1.80 U
Perfluorooctanesulfonic acid (PFOS)	11.0	5.80	10.0	1.10 J	3.50 U
Perfluorooctanoic acid (PFOA)	63.0	140	51.0	11.0	3.60
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.00 U	3.50 U	3.10 U	3.50 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.00 U	3.50 U	3.10 U	3.50 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.70 U	1.50 U	1.80 U

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	Locations: 5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04 (FD)
Field Sample ID:	5702VP-18-04-62-66	5702VP-18-04-72-76	5702VP-18-04-82-86	5702VP-18-04-92-96	A1-VP-DUP-R1-111218
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:	11/12/2018	11/12/2018	11/13/2018	11/13/2018	11/12/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	20.0 U	20.0 U	27.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	10.0 U	10.0 U	13.0 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	11.0 U	10.0 U	10.0 U	13.0 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	10.0 U	10.0 U	13.0 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	0.740 J	2.80	1.00 U	1.30 U	4.40
Perfluorodecanoic acid (PFDA)	1.10 U	1.00 U	1.00 U	1.30 U	2.30
Perfluorododecanoic acid (PFDoA)	1.60 U	1.50 U	1.50 U	2.00 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.60 U	1.50 U	1.50 U	2.00 U	160
Perfluorohexanesulfonic acid (PFHxS)	2.80	12.0	1.00 U	1.30 U	21.0
Perfluorohexanoic acid (PFHxA)	1.10 U	1.00 U	1.00 U	1.30 U	170
Perfluorononanoic acid (PFNA)	1.60 U	1.50 U	1.50 U	2.00 U	7.20
Perfluorooctanesulfonic acid (PFOS)	3.20 U	3.00 U	3.00 U	4.00 U	11.0
Perfluorooctanoic acid (PFOA)	1.60 U	1.50 U	1.50 U	2.00 U	70.0
Perfluorotetradecanoic acid (PFTA)	3.20 U	3.00 U	3.00 U	4.00 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.20 U	3.00 U	3.00 U	4.00 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.50 U	1.50 U	2.00 U	1.40 U

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	5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05
Locations:	5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05
Field Sample ID:	5702VP-18-05-12-16	5702VP-18-05-22-26	5702VP-18-05-32-36	5702VP-18-05-42-46	5702VP-18-05-52-56
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:	11/14/2018	11/14/2018	11/14/2018	11/14/2018	11/14/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	21.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.40 U	9.60 U	10.0 U	9.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.40 U	9.40 U	9.60 U	10.0 U	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.40 U	9.60 U	10.0 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	10.0	17.0	11.0	1.60 J	0.970 U
Perfluorodecanoic acid (PFDA)	0.670 J	0.940 U	14.0	1.00 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.60 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	100	120	380	6.90	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	43.0	56.0	42.0	17.0	0.970 U
Perfluorohexanoic acid (PFHxA)	150	330	420	11.0	0.970 U
Perfluorononanoic acid (PFNA)	13.0	9.40	11.0	1.60 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	17.0	10.0	37.0	1.50 J	2.90 U
Perfluorooctanoic acid (PFOA)	92.0	79.0	160	11.0	1.50 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	3.10 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 U	3.10 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.60 U	1.50 U

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	Locations: 5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05 (FD)	5702VP-18-06
Field Sample ID:	5702VP-18-05-62-66	5702VP-18-05-72-76	5702VP-18-05-80-84	A1-VP-DUP-R1-111518	5702VP-18-06-18-22
Sample Begin Depth:	62.00	72.00	80.00	72.00	18.00
Sample End Depth:	66.00	76.00	84.00	76.00	22.00
Sample Date:	11/15/2018	11/15/2018	11/15/2018	11/15/2018	11/15/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	13.0 J	24.0 U	14.0 J	11.0 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	12.0 U	12.0 U	11.0 U	9.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	12.0 U	12.0 U	12.0 U	11.0 U	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	12.0 U	12.0 U	11.0 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	1.20 U	2.80	0.590 J	3.00	16.0
Perfluorodecanoic acid (PFDA)	1.20 U	1.20 U	1.20 U	1.10 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.80 U	1.70 U	1.80 U	1.60 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.80 U	1.70 U	1.80 U	1.60 U	100
Perfluorohexanesulfonic acid (PFHxS)	0.530 J	23.0	2.60	23.0	48.0
Perfluorohexanoic acid (PFHxA)	1.20 U	0.570 J	1.10 J	0.570 J	330
Perfluorononanoic acid (PFNA)	1.80 U	1.70 U	1.80 U	1.60 U	2.90
Perfluorooctanesulfonic acid (PFOS)	3.60 U	3.50 U	3.70 U	3.30 U	7.10
Perfluorooctanoic acid (PFOA)	1.80 U	1.20 J	1.80 J	2.00 J	110
Perfluorotetradecanoic acid (PFTA)	3.60 U	3.50 U	3.70 U	3.30 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.60 U	3.50 U	3.70 U	3.30 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.70 U	1.80 U	1.60 U	1.40 U

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	5702VP-18-06	5702VP-18-06	5702VP-18-06	5702VP-18-06	5702VP-18-06
Locations:	5702VP-18-06	5702VP-18-06	5702VP-18-06	5702VP-18-06	5702VP-18-06
Field Sample ID:	5702VP-18-06-28-32	5702VP-18-06-38-42	5702VP-18-06-48-52	5702VP-18-06-58-62	5702VP-18-06-68-72
Sample Begin Depth:	28.00	38.00	48.00	58.00	68.00
Sample End Depth:	32.00	42.00	52.00	62.00	72.00
Sample Date:	11/15/2018	11/15/2018	11/15/2018	11/16/2018	11/16/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	20.0 U	20.0 U	19.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.80 U	10.0 U	9.50 U	12.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	10.0 U	9.80 U	10.0 U	9.50 U	12.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.80 U	10.0 U	9.50 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	27.0	7.20	1.00 U	0.730 J	0.610 J
Perfluorodecanoic acid (PFDA)	3.20	14.0	1.00 U	0.950 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.50 U	1.40 U	1.70 U
Perfluoroheptanoic acid (PFHpA)	230	290	1.50 U	1.40 U	1.70 U
Perfluorohexanesulfonic acid (PFHxS)	110	29.0	2.70	1.80 J	5.00
Perfluorohexanoic acid (PFHxA)	530	330	0.530 J	0.680 J	1.20 U
Perfluorononanoic acid (PFNA)	6.10	14.0	1.50 U	1.40 U	1.70 U
Perfluorooctanesulfonic acid (PFOS)	14.0	39.0	3.10 U	2.90 U	3.50 U
Perfluorooctanoic acid (PFOA)	110	160	0.560 J	0.530 J	1.70 U
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.90 U	3.10 U	2.90 U	3.50 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.90 U	3.10 U	2.90 U	3.50 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.50 U	1.40 U	1.70 U

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	Locations: 5702VP-18-06	5702VP-18-06	5702VP-18-07	5702VP-18-07	5702VP-18-07
Field Sample ID:	5702VP-18-06-78-82	5702VP-18-06-8-12	5702VP-18-07-12-16	5702VP-18-07-22-26	5702VP-18-07-2-6
Sample Begin Depth:	78.00	8.00	12.00	22.00	2.00
Sample End Depth:	82.00	12.00	16.00	26.00	6.00
Sample Date:	11/16/2018	11/15/2018	11/29/2018	11/29/2018	11/29/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	19.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	9.40 U	9.10 U	9.10 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.40 U	9.10 U	9.10 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.40 U	9.10 U	9.10 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	1.20 J	9.20	12.0	9.90	11.0
Perfluorodecanoic acid (PFDA)	5.00	0.940 U	0.910 U	1.70 J	0.910 U
Perfluorododecanoic acid (PFDoA)	1.80 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	24.0	63.0	55.0	110	78.0
Perfluorohexanesulfonic acid (PFHxS)	13.0	56.0	31.0	45.0	33.0
Perfluorohexanoic acid (PFHxA)	36.0	91.0	61.0	190	100
Perfluorononanoic acid (PFNA)	2.80	7.40	4.40	6.30	4.90
Perfluorooctanesulfonic acid (PFOS)	17.0	9.90	3.90	11.0	2.30 J
Perfluorooctanoic acid (PFOA)	33.0	92.0	120	82.0	170
Perfluorotetradecanoic acid (PFTA)	3.60 U	2.80 U	2.70 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.60 U	2.80 U	2.70 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.40 U	1.40 U	1.40 U	1.40 U

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	5702VP-18-07	5702VP-18-07	5702VP-18-07	5702VP-18-07	5702VP-18-07
Locations:	5702VP-18-07	5702VP-18-07	5702VP-18-07	5702VP-18-07	5702VP-18-07
Field Sample ID:	5702VP-18-07-32-36	5702VP-18-07-42-46	5702VP-18-07-52-56	5702VP-18-07-62-66	5702VP-18-07-72-76
Sample Begin Depth:	32.00	42.00	52.00	62.00	72.00
Sample End Depth:	36.00	46.00	56.00	66.00	76.00
Sample Date:	11/29/2018	11/29/2018	11/29/2018	11/29/2018	11/30/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	28.0 U	28.0 U	19.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	14.0 U	14.0 U	9.40 U	9.80 U	9.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	14.0 U	14.0 U	9.40 U	9.80 U	9.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	14.0 U	14.0 U	9.40 U	9.80 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	2.30 J	1.40 U	0.940 U	0.980 U	0.990 U
Perfluorodecanoic acid (PFDA)	1.40 U	1.40 U	0.940 U	0.980 U	0.990 U
Perfluorododecanoic acid (PFDoA)	2.10 U	2.10 U	1.40 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	2.10 U	2.10 U	1.40 U	1.50 U	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	18.0	2.00 J	0.570 J	0.980 J	0.990 U
Perfluorohexanoic acid (PFHxA)	1.60 J	0.660 J	0.940 U	0.980 U	0.990 U
Perfluorononanoic acid (PFNA)	2.10 U	2.10 U	1.40 U	1.50 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	4.30 U	4.60 J	2.80 U	2.90 U	3.00 U
Perfluorooctanoic acid (PFOA)	3.60	2.10 U	1.40 U	1.50 U	1.50 U
Perfluorotetradecanoic acid (PFTA)	4.30 U	4.20 U	2.80 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	4.30 U	4.20 U	2.80 U	2.90 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	2.10 U	2.10 U	1.40 U	1.50 U	1.50 U

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	Locations: 5702VP-18-08	5702VP-18-08	5702VP-18-08	5702VP-18-08	5702VP-18-08
Field Sample ID:	5702VP-18-08-12-16	5702VP-18-08-22-26	5702VP-18-08-32-36	5702VP-18-08-42-46	5702VP-18-08-52-56
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:	11/14/2018	11/15/2018	11/15/2018	11/19/2018	11/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	8.40 J	19.0 U	17.0 J	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.40 U	9.50 U	9.40 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.50 U	9.40 U	9.50 U	9.40 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.40 U	9.50 U	9.40 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	1.40 J	6.70	77.0	2.60	0.540 J
Perfluorodecanoic acid (PFDA)	1.10 J	1.30 J	1.10 J	0.940 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)	2.60	31.0	270	1.20 J	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	20.0	450	4100	39.0	2.90
Perfluorohexanoic acid (PFHxA)	6.60	120	1500	4.60	0.900 U
Perfluorononanoic acid (PFNA)	2.10	1.30 J	1.20 J	1.40 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	19.0	41.0	490	8.30	2.70 U
Perfluorooctanoic acid (PFOA)	24.0	280	3900	9.50	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.80 U	2.80 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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	Locations: 5702VP-18-08	5702VP-18-08	5702VP-18-08	5702VP-18-08	5702VP-18-08 (FD)
Field Sample ID:	5702VP-18-08-62-66	5702VP-18-08-72-76	5702VP-18-08-82-86	5702VP-18-08-90-94	A1-VP-DUP-R2-11192018
Sample Begin Depth:	62.00	72.00	82.00	90.00	52.00
Sample End Depth:	66.00	76.00	86.00	94.00	56.00
Sample Date:	11/19/2018	11/19/2018	11/19/2018	11/20/2018	11/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.50 U	9.70 U	9.80 U	9.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.50 U	9.70 U	9.80 U	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.50 U	9.70 U	9.80 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	1.00 J	0.950 U	0.970 U	0.980 U	0.610 J
Perfluorodecanoic acid (PFDA)	0.960 U	0.950 U	0.970 U	0.980 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	7.90	0.630 J	2.60	0.570 J	2.80
Perfluorohexanoic acid (PFHxA)	0.790 J	0.950 U	1.10 J	0.980 U	0.970 U
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.90 U	3.80 J	3.00 U	2.90 U
Perfluorooctanoic acid (PFOA)	1.00 J	0.530 J	2.30	1.50 U	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.90 U	3.00 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.90 U	3.00 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U

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	Locations: 5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01
Field Sample ID:	5702VP-19-01-102-106	5702VP-19-01-22-26	5702VP-19-01-32-36	5702VP-19-01-42-46	5702VP-19-01-52-56
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:	01/29/2019	01/25/2019	01/25/2019	01/28/2019	01/28/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	19.0 U	22.0 U	23.0 U	22.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	43.0	11.0 U	36.0	7.00 J
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.50 U	11.0 U	12.0 U	11.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.50 U	11.0 U	12.0 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	1.20 U	6.90	5.70	2.60	1.90 J
Perfluorodecanoic acid (PFDA)	1.20 U	0.950 U	1.10 U	82.0	1.10 U
Perfluorododecanoic acid (PFDoA)	1.80 U	1.40 U	1.70 U	19.0	1.70 U
Perfluoroheptanoic acid (PFHpA)	1.80 U	50.0	5.00	26.0	5.40
Perfluorohexanesulfonic acid (PFHxS)	0.470 J	810	160	70.0	29.0
Perfluorohexanoic acid (PFHxA)	1.20 J	61.0	54.0	70.0	21.0
Perfluorononanoic acid (PFNA)	1.80 U	1.20 J	1.20 J	61.0	1.20 J
Perfluorooctanesulfonic acid (PFOS)	7.40	970	24.0	1100	250
Perfluorooctanoic acid (PFOA)	1.80 U	470	98.0	130	23.0
Perfluorotetradecanoic acid (PFTA)	3.60 U	2.80 U	3.30 U	3.10 J	3.40 U
Perfluorotridecanoic acid (PFTrDA)	3.60 U	2.80 U	3.30 U	2.70 J	3.40 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.40 U	1.70 U	32.0	1.70 U

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	Locations: 5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01 (FD)
Field Sample ID:	5702VP-19-01-62-66	5702VP-19-01-72-76	5702VP-19-01-82-86	5702VP-19-01-92-96	A1-VP-DUP-R1-12519
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:	01/28/2019	01/28/2019	01/28/2019	01/29/2019	01/25/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	20.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.40 U	10.0 U	9.70 U	41.0
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.40 U	10.0 U	9.70 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.40 U	10.0 U	9.70 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	3.10	2.30	0.680 J	0.970 U	6.90
Perfluorodecanoic acid (PFDA)	1.00 J	0.940 U	1.60 J	0.970 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.20 J	1.40 U	0.980 J	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.40 J	1.90	1.50 U	1.50 U	40.0
Perfluorohexanesulfonic acid (PFHxS)	46.0	33.0	8.10	0.970 U	780
Perfluorohexanoic acid (PFHxA)	6.70	7.60	1.20 J	0.970 U	60.0
Perfluorononanoic acid (PFNA)	0.550 J	1.40 U	0.680 J	1.50 U	1.40 J
Perfluorooctanesulfonic acid (PFOS)	15.0	22.0	4.20	2.90 U	1100
Perfluorooctanoic acid (PFOA)	12.0	10.0	3.00	1.50 U	380
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	3.10 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	3.10 U	2.90 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.50 J	1.40 U	1.30 J	1.50 U	1.50 U

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	5702VP-19-02	5702VP-19-02	5702VP-19-02	5702VP-19-02	5702VP-19-02
Locations:	5702VP-19-02	5702VP-19-02	5702VP-19-02	5702VP-19-02	5702VP-19-02
Field Sample ID:	5702VP-19-02-102-106	5702VP-19-02-32-36	5702VP-19-02-42-46	5702VP-19-02-52-56	5702VP-19-02-62-66
Sample Begin Depth:	102.00	32.00	42.00	52.00	62.00
Sample End Depth:	106.00	36.00	46.00	56.00	66.00
Sample Date:	02/04/2019	01/29/2019	01/29/2019	01/30/2019	01/30/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	26.0 U	20.0 U	20.0 U	19.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	13.0 U	9.80 U	9.90 U	9.50 U	10.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	13.0 U	9.80 U	9.90 U	9.50 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	13.0 U	9.80 U	9.90 U	9.50 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.30 U	1.70 J	1.90 J	1.60 J	1.10 J
Perfluorodecanoic acid (PFDA)	1.30 U	0.980 U	0.990 U	0.950 U	2.80
Perfluorododecanoic acid (PFDoA)	2.00 U	1.50 U	1.50 U	1.40 U	1.70 J
Perfluoroheptanoic acid (PFHpA)	2.00 U	1.60 J	1.50 U	0.840 J	1.40 J
Perfluorohexanesulfonic acid (PFHxS)	0.910 J	5.60	12.0	11.0	13.0
Perfluorohexanoic acid (PFHxA)	1.30 U	1.80 J	0.990 U	5.80	3.50
Perfluorononanoic acid (PFNA)	2.00 U	0.620 J	1.50 U	1.40 U	2.60
Perfluorooctanesulfonic acid (PFOS)	2.90 J	2.70 J	1.40 J	2.90 U	7.90
Perfluorooctanoic acid (PFOA)	2.00 U	3.30	1.50 U	0.770 J	4.50
Perfluorotetradecanoic acid (PFTA)	3.90 U	2.90 U	3.00 U	2.90 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	3.90 U	2.90 U	3.00 U	2.90 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	2.00 U	1.50 U	1.50 U	1.40 U	2.00 J

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	Locations: 5702VP-19-02	5702VP-19-02	5702VP-19-02	5702VP-19-02 (FD)	5702VP-19-03
Field Sample ID:	5702VP-19-02-72-76	5702VP-19-02-82-86	5702VP-19-02-92-96	A1-VP-DUP-R1-13019	5702VP-19-03-17-21
Sample Begin Depth:	72.00	82.00	92.00	82.00	17.00
Sample End Depth:	76.00	86.00	96.00	86.00	21.00
Sample Date:	01/30/2019	01/30/2019	02/04/2019	01/30/2019	03/20/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	21.0 U	20.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.70 U	10.0 U	9.80 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.70 U	10.0 U	9.80 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.70 U	10.0 U	9.80 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	1.40 J	1.70 J	1.00 U	1.70 J	0.920 U
Perfluorodecanoic acid (PFDA)	0.900 U	0.970 U	1.00 U	0.980 U	4.80
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.60 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.30 J	1.40 U	1.60 U	1.50 U	2.40
Perfluorohexanesulfonic acid (PFHxS)	17.0	4.60	0.520 J	4.50	0.520 J
Perfluorohexanoic acid (PFHxA)	4.10	0.970 U	1.00 U	0.980 U	2.90
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.60 U	1.50 U	65.0
Perfluorooctanesulfonic acid (PFOS)	14.0	2.00 J	4.20	2.90 U	7.80
Perfluorooctanoic acid (PFOA)	5.90	1.40 U	0.660 J	0.540 J	2.50
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.90 U	3.10 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.90 U	3.10 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.60 U	1.50 U	1.40 U

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	Locations: 5702VP-19-03	5702VP-19-03	5702VP-19-03	5702VP-19-03	5702VP-19-03
Field Sample ID:	5702VP-19-03-27-31	5702VP-19-03-37-41	5702VP-19-03-47-51	5702VP-19-03-57-61	5702VP-19-03-67-71
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:	03/20/2019	03/20/2019	03/20/2019	03/22/2019	03/22/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	17.0 U	17.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.30 U	9.10 U	8.60 U	8.60 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.30 U	9.10 U	8.60 U	8.60 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.30 U	9.10 U	8.60 U	8.60 U
Perfluorobutanesulfonic acid (PFBS)	0.910 U	0.900 J	0.740 J	0.600 J	0.860 U
Perfluorodecanoic acid (PFDA)	3.30	0.930 U	0.910 U	0.860 U	0.860 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	4.60	3.10	1.70 J	2.30	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	0.870 J	3.00	13.0	9.90	1.50 J
Perfluorohexanoic acid (PFHxA)	5.80	3.80	4.40	4.30	0.860 U
Perfluorononanoic acid (PFNA)	2.20	1.40 U	1.40 U	1.30 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	8.30	2.80 U	3.60 J	5.90	2.60 U
Perfluorooctanoic acid (PFOA)	4.80	4.90	5.60	7.80	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.70 U	2.60 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.70 U	2.60 U	2.60 U
Perfluoroundecanoic acid (PFUnA)	2.80	1.40 U	1.40 U	1.30 U	1.30 U

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	Locations: 5702VP-19-03	5702VP-19-03	5702VP-19-03 (FD)	5702VP-19-04	5702VP-19-04
Field Sample ID:	5702VP-19-03-77-81	5702VP-19-03-87-91	A1-VP-DUP-R2-032219	5702VP-19-04-102-106	5702VP-19-04-22-26
Sample Begin Depth:	77.00	87.00	67.00	102.00	22.00
Sample End Depth:	81.00	91.00	71.00	106.00	26.00
Sample Date:	03/22/2019	03/22/2019	03/22/2019	03/19/2019	03/18/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	26.0 U	17.0 U	25.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	13.0 U	8.40 U	13.0 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	13.0 U	8.40 U	13.0 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	13.0 U	8.40 U	13.0 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	0.590 J	1.30 U	0.840 U	0.750 J	2.70
Perfluorodecanoic acid (PFDA)	0.920 U	1.30 U	0.840 U	1.30 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.90 U	1.30 U	1.90 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.90 U	1.30 U	1.90 U	2.50
Perfluorohexanesulfonic acid (PFHxS)	2.10	0.820 J	1.30 J	1.70 J	1.60 J
Perfluorohexanoic acid (PFHxA)	1.30 J	1.30 U	0.840 U	1.60 J	4.80
Perfluorononanoic acid (PFNA)	1.40 U	1.90 U	1.30 U	1.90 U	0.550 J
Perfluorooctanesulfonic acid (PFOS)	2.80 U	3.90 U	2.50 U	3.80 U	7.70
Perfluorooctanoic acid (PFOA)	1.40 U	1.90 U	1.30 U	1.90 U	4.00
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.90 U	2.50 U	3.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.90 U	2.50 U	3.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.90 U	1.30 U	1.90 U	1.40 U

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	5702VP-19-04	5702VP-19-04	5702VP-19-04	5702VP-19-04	5702VP-19-04
Locations:	5702VP-19-04	5702VP-19-04	5702VP-19-04	5702VP-19-04	5702VP-19-04
Field Sample ID:	5702VP-19-04-32-36	5702VP-19-04-42-46	5702VP-19-04-52-56	5702VP-19-04-62-66	5702VP-19-04-72-76
Sample Begin Depth:	32.00	42.00	52.00	62.00	72.00
Sample End Depth:	36.00	46.00	56.00	66.00	76.00
Sample Date:	03/18/2019	03/18/2019	03/18/2019	03/18/2019	03/19/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	20.0 U	18.0 U	26.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.10 U	9.80 U	9.10 U	13.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.10 U	9.80 U	9.10 U	13.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.10 U	9.80 U	9.10 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	2.00	0.990 J	1.10 J	0.690 J	1.30 U
Perfluorodecanoic acid (PFDA)	0.450 J	0.910 U	0.980 U	0.910 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	1.60 J	1.00 J	1.40 J	1.40 U	1.90 U
Perfluorohexanesulfonic acid (PFHxS)	4.40	17.0	19.0	9.80	0.780 J
Perfluorohexanoic acid (PFHxA)	2.50	3.30	4.10	1.60 J	1.30 U
Perfluorononanoic acid (PFNA)	0.590 J	1.40 U	1.50 U	1.40 U	1.90 U
Perfluorooctanesulfonic acid (PFOS)	4.90	7.20	22.0	16.0	3.90 U
Perfluorooctanoic acid (PFOA)	4.00	6.70	6.80	2.50	1.90 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.90 U	2.70 U	3.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.90 U	2.70 U	3.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.40 U	1.90 U

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	Locations: 5702VP-19-04	5702VP-19-04	5702VP-19-04 (FD)	5702VP-19-05	5702VP-19-05
Field Sample ID:	5702VP-19-04-82-86	5702VP-19-04-92-96	A1-VP-DUP-R1-31819	5702VP-19-05-22-26	5702VP-19-05-32-36
Sample Begin Depth:	82.00	92.00	22.00	22.00	32.00
Sample End Depth:	86.00	96.00	26.00	26.00	36.00
Sample Date:	03/19/2019	03/19/2019	03/18/2019	03/18/2019	03/18/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	21.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	11.0 U	9.10 U	9.10 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	11.0 U	9.10 U	9.10 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	11.0 U	9.10 U	9.10 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	1.00 U	0.630 J	2.60	2.60	0.930 J
Perfluorodecanoic acid (PFDA)	1.00 U	1.10 U	0.910 U	0.740 J	0.930 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.60 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	1.60 U	2.50	1.80	1.50 J
Perfluorohexanesulfonic acid (PFHxS)	0.660 J	2.50	1.70 J	4.40	7.00
Perfluorohexanoic acid (PFHxA)	1.00 U	1.60 J	4.80	5.40	2.20
Perfluorononanoic acid (PFNA)	1.50 U	1.60 U	0.520 J	2.30	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	3.20 U	7.60	20.0	2.00 J
Perfluorooctanoic acid (PFOA)	1.50 U	0.770 J	3.80	2.70	3.10
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.20 U	2.70 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.20 U	2.70 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.60 U	1.40 U	1.40 U	1.40 U

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	5702VP-19-05	5702VP-19-05	5702VP-19-05	5702VP-19-05	5702VP-19-05
Locations:	5702VP-19-05	5702VP-19-05	5702VP-19-05	5702VP-19-05	5702VP-19-05
Field Sample ID:	5702VP-19-05-42-46	5702VP-19-05-52-56	5702VP-19-05-62-66	5702VP-19-05-72-76	5702VP-19-05-82-86
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:	03/18/2019	03/18/2019	03/19/2019	03/19/2019	03/19/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	24.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	12.0 U	9.30 U	9.20 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	12.0 U	9.30 U	9.20 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	12.0 U	9.30 U	9.20 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	0.780 J	0.800 J	1.10 J	1.20 J	1.40 J
Perfluorodecanoic acid (PFDA)	0.600 J	1.20 U	0.930 U	0.920 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.80 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	0.630 J	2.00 J	2.00	1.30 J	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	9.70	11.0	20.0	17.0	9.50
Perfluorohexanoic acid (PFHxA)	2.40	4.20	5.20	4.60	0.710 J
Perfluorononanoic acid (PFNA)	0.510 J	1.80 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.70 U	4.50 J	42.0	8.30	2.70 U
Perfluorooctanoic acid (PFOA)	1.30 J	5.00	7.20	5.90	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	3.60 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	3.60 U	2.80 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.80 U	1.40 U	1.40 U	1.40 U

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	Locations: 5702VP-19-05	5702VP-19-05 (FD)	5702VP-19-06	5702VP-19-06	5702VP-19-06
Field Sample ID:	5702VP-19-05-92-96	A1-VP-DUP-R2-031819	5702VP-19-06-22-26	5702VP-19-06-32-36	5702VP-19-06-42-46
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:	03/19/2019	03/18/2019	03/22/2019	03/22/2019	03/22/2019
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	8.90 U	9.00 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.00 U	9.00 U	8.90 U	9.00 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.00 U	8.90 U	9.00 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	0.900 U	0.880 J	11.0	7.40	2.10
Perfluorodecanoic acid (PFDA)	0.900 U	0.900 U	3.50	8.90	18.0
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.30 U	1.30 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 J	800	260	78.0
Perfluorohexanesulfonic acid (PFHxS)	0.650 J	7.00	91.0	22.0	7.70
Perfluorohexanoic acid (PFHxA)	0.900 U	2.20	450	220	55.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	3.00	5.70	6.00
Perfluorooctanesulfonic acid (PFOS)	2.70 U	1.70 J	13.0	20.0	23.0
Perfluorooctanoic acid (PFOA)	1.40 U	3.20	130	75.0	33.0
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	1.40 U	1.30 U	1.10 J	1.40 U

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	5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01
Locations:	5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01
Field Sample ID:	5703VP-18-01-12-16	5703VP-18-01-22-26	5703VP-18-01-32-36	5703VP-18-01-42-46	5703VP-18-01-52-56
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:	11/09/2018	11/09/2018	11/09/2018	11/09/2018	11/09/2018
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)	9.70 U	9.40 U	9.50 U	9.30 U	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	9.40 U	9.50 U	9.30 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.40 U	9.50 U	9.30 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	24.0	13.0	4.00	9.70	12.0
Perfluorodecanoic acid (PFDA)	0.970 U	0.940 U	0.950 U	0.930 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	160	31.0	17.0	12.0	12.0
Perfluorohexanesulfonic acid (PFHxS)	19.0	12.0	9.40	170	120
Perfluorohexanoic acid (PFHxA)	84.0	59.0	26.0	47.0	50.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.10 J	0.990 J
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.80 U	2.90 U	15.0	8.40
Perfluorooctanoic acid (PFOA)	26.0	28.0	6.20	57.0	42.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.90 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.90 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: 5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01 (FD)
Field Sample ID:	5703VP-18-01-62-66	5703VP-18-01-72-76	5703VP-18-01-82-86	5703VP-18-01-86-90	A1-VP-DUP-R1-110918
Sample Begin Depth:	62.00	72.00	82.00	86.00	32.00
Sample End Depth:	66.00	76.00	86.00	90.00	36.00
Sample Date:	11/09/2018	11/09/2018	11/12/2018	11/12/2018	11/09/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	19.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.40 U	9.40 U	10.0 U	9.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.40 U	9.40 U	10.0 U	9.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.40 U	9.40 U	10.0 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	14.0	0.940 U	0.940 U	1.00 U	4.70
Perfluorodecanoic acid (PFDA)	0.980 U	0.940 U	0.940 U	1.00 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	11.0	1.40 U	0.880 J	1.50 U	16.0
Perfluorohexanesulfonic acid (PFHxS)	99.0	1.90 U	0.500 J	1.00 U	9.30
Perfluorohexanoic acid (PFHxA)	44.0	0.940 U	1.00 J	1.00 U	27.0
Perfluorononanoic acid (PFNA)	2.10	1.40 U	1.40 U	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	9.10	2.80 U	2.80 U	3.00 U	2.80 U
Perfluorooctanoic acid (PFOA)	35.0	1.40 U	1.40 U	1.50 U	6.60
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.80 U	2.80 U	3.00 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.80 U	2.80 U	3.00 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.50 U	1.40 U

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	Locations: 5703VP-18-02	5703VP-18-02	5703VP-18-02	5703VP-18-02	5703VP-18-02
Field Sample ID:	5703VP-18-02-12-16	5703VP-18-02-22-26	5703VP-18-02-32-36	5703VP-18-02-42-46	5703VP-18-02-52-56
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:	10/22/2018	10/22/2018	10/22/2018	10/22/2018	10/23/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.2 U	19.0 U	19.5 U	19.1 U	24.8 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.59 U	9.48 U	9.74 U	9.55 U	12.4 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.59 U	9.48 U	9.74 U	9.55 U	12.4 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.59 U	9.48 U	9.74 U	9.55 U	12.4 U
Perfluorobutanesulfonic acid (PFBS)	20.4	36.1	2.53	2.89	4.89
Perfluorodecanoic acid (PFDA)	0.959 U	0.948 U	0.974 U	0.955 U	0.827 J
Perfluorododecanoic acid (PFDoA)	1.44 U	1.42 U	1.46 U	1.43 U	1.86 U
Perfluoroheptanoic acid (PFHpA)	169	180	7.82	6.81	1.64 J
Perfluorohexanesulfonic acid (PFHxS)	21.0	13.0	12.6	15.0	13.4
Perfluorohexanoic acid (PFHxA)	94.4	204	15.4	15.6	9.79
Perfluorononanoic acid (PFNA)	11.1	4.89	0.920 J	1.43 U	1.86 U
Perfluorooctanesulfonic acid (PFOS)	3.73 J	1.25 J	1.41 J	2.50 J	1.41 J
Perfluorooctanoic acid (PFOA)	857	987	11.6	8.41	7.30
Perfluorotetradecanoic acid (PFTA)	2.88 U	2.84 U	2.92 U	2.86 U	3.72 U
Perfluorotridecanoic acid (PFTrDA)	2.88 U	2.84 U	2.92 U	2.86 U	3.72 U
Perfluoroundecanoic acid (PFUnA)	1.44 U	1.42 U	1.46 U	1.43 U	1.86 U

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	Locations: 5703VP-18-02	5703VP-18-02	5703VP-18-02 (FD)	5703VP-18-03	5703VP-18-03
Field Sample ID:	5703VP-18-02-62-66	5703VP-18-02-72-76	A1-VP-DUP-R1-102218	5703VP-18-03-22-26	5703VP-18-03-32-36
Sample Begin Depth:	62.00	72.00	22.00	22.00	32.00
Sample End Depth:	66.00	76.00	26.00	26.00	36.00
Sample Date:	10/23/2018	10/23/2018	10/22/2018	10/19/2018	10/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	31.3 U	64.4 U	19.1 U	19.8 U	20.1 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	15.7 U	32.2 U	9.57 U	9.92 U	10.1 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	15.7 U	32.2 U	9.57 U	9.92 U	10.1 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	15.7 U	32.2 U	9.57 U	9.92 U	10.1 U
Perfluorobutanesulfonic acid (PFBS)	1.57 U	1.53 J	35.3	16.9	23.3
Perfluorodecanoic acid (PFDA)	1.57 U	3.22 U	0.957 U	0.992 U	1.01 U
Perfluorododecanoic acid (PFDoA)	2.35 U	4.83 U	1.44 U	1.49 UJ	1.51 UJ
Perfluoroheptanoic acid (PFHpA)	0.957 J	4.83 U	194	72.4	116
Perfluorohexanesulfonic acid (PFHxS)	3.13 U	6.44 U	12.3	17.9	27.8
Perfluorohexanoic acid (PFHxA)	1.40 J	2.72 J	199	122	171
Perfluorononanoic acid (PFNA)	2.35 U	4.83 U	3.38	2.47	1.51 U
Perfluorooctanesulfonic acid (PFOS)	4.70 U	9.66 U	1.26 J	2.98 U	3.02 U
Perfluorooctanoic acid (PFOA)	8.94	10.2	903	97.7	169
Perfluorotetradecanoic acid (PFTA)	4.70 U	9.66 U	2.87 U	2.98 U	3.02 U
Perfluorotridecanoic acid (PFTrDA)	4.70 U	9.66 U	2.87 U	2.98 U	3.02 U
Perfluoroundecanoic acid (PFUnA)	2.35 U	4.83 U	1.44 U	1.49 U	1.51 U

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	5703VP-18-03	5703VP-18-03	5703VP-18-03	5703VP-18-03	5703VP-18-03
Locations:	5703VP-18-03	5703VP-18-03	5703VP-18-03	5703VP-18-03	5703VP-18-03
Field Sample ID:	5703VP-18-03-42-46	5703VP-18-03-52-56	5703VP-18-03-62-66	5703VP-18-03-72-76	5703VP-18-03-80-84
Sample Begin Depth:	42.00	52.00	62.00	72.00	80.00
Sample End Depth:	46.00	56.00	66.00	76.00	84.00
Sample Date:	10/19/2018	10/19/2018	10/19/2018	10/19/2018	10/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.8 U	19.5 U	19.4 U	33.0 U	19.7 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.91 U	9.77 U	9.68 U	16.5 U	9.87 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.91 U	9.77 U	9.68 U	16.5 U	9.87 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.91 U	9.77 U	9.68 U	16.5 U	9.87 U
Perfluorobutanesulfonic acid (PFBS)	13.5	2.24 J	0.861 J	3.10 J	0.987 U
Perfluorodecanoic acid (PFDA)	0.991 U	0.977 U	0.968 U	1.65 U	0.987 U
Perfluorododecanoic acid (PFDoA)	1.49 UJ	1.47 U	1.45 U	2.48 U	1.48 U
Perfluoroheptanoic acid (PFHpA)	33.6	12.0 J	1.31 J	6.36 J	1.55 J
Perfluorohexanesulfonic acid (PFHxS)	15.1	9.84 J	3.88 J	7.53 J	0.987 U
Perfluorohexanoic acid (PFHxA)	88.2	35.6 J	7.63 J	25.3 J	2.76 J
Perfluorononanoic acid (PFNA)	1.49 U	1.47 U	1.45 U	2.48 U	0.529 J
Perfluorooctanesulfonic acid (PFOS)	2.97 U	2.93 U	2.90 U	4.95 U	2.96 U
Perfluorooctanoic acid (PFOA)	38.7	13.2 J	1.82 J	9.79 J	2.85 J
Perfluorotetradecanoic acid (PFTA)	2.97 U	2.93 U	2.90 U	4.95 U	2.96 U
Perfluorotridecanoic acid (PFTrDA)	2.97 U	2.93 U	2.90 U	4.95 U	2.96 U
Perfluoroundecanoic acid (PFUnA)	1.49 U	1.47 U	1.45 U	2.48 U	1.48 U

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	Locations: 5703VP-18-04	5703VP-18-04	5703VP-18-04	5703VP-18-04	5703VP-18-04
Field Sample ID:	5703VP-18-04-12-16	5703VP-18-04-22-26	5703VP-18-04-32-36	5703VP-18-04-42-46	5703VP-18-04-52-56
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:	11/07/2018	11/07/2018	11/07/2018	11/07/2018	11/07/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	190 U	19.0 U	19.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.60 U	9.50 U	9.40 U	10.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.60 U	9.50 U	9.40 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.60 U	9.50 U	9.40 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	32.0	88.0	7.50	2.50	11.0
Perfluorodecanoic acid (PFDA)	0.960 U	0.960 U	0.950 U	0.940 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.40 UJ	1.40 UJ	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	200	160	9.30	7.00	4.60
Perfluorohexanesulfonic acid (PFHxS)	11.0	6.70	6.40	6.90	39.0
Perfluorohexanoic acid (PFHxA)	230	1300	22.0	18.0	31.0
Perfluorononanoic acid (PFNA)	0.680 J	1.40 U	1.40 U	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.90 U	2.90 U	2.80 U	3.10 U
Perfluorooctanoic acid (PFOA)	1800	9.80	8.80	3.70	18.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.90 U	2.80 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.90 U	2.80 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U

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	Locations: 5703VP-18-04	5703VP-18-04	5703VP-18-04	5703VP-18-04 (FD)	5703VP-18-05
Field Sample ID:	5703VP-18-04-62-66	5703VP-18-04-72-76	5703VP-18-04-78-82	A1-VP-DUP-R1-110718	5703VP-18-05-16-20
Sample Begin Depth:	62.00	72.00	78.00	32.00	16.00
Sample End Depth:	66.00	76.00	82.00	36.00	20.00
Sample Date:	11/07/2018	11/07/2018	11/08/2018	11/07/2018	11/27/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	23.0 U	19.0 U	18.0 U	20.0 U	27.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	9.40 U	9.20 U	10.0 U	13.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	9.40 U	9.20 U	10.0 U	13.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	9.40 U	9.20 U	10.0 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	1.10 U	0.940 U	0.920 U	8.30	5.30
Perfluorodecanoic acid (PFDA)	1.10 U	0.940 U	0.920 U	1.00 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.70 U	1.40 U	1.40 U	1.50 UJ	2.00 U
Perfluoroheptanoic acid (PFHpA)	1.70 U	1.40 U	1.40 U	9.50	22.0
Perfluorohexanesulfonic acid (PFHxS)	2.30 U	0.940 U	1.80 U	6.50	14.0
Perfluorohexanoic acid (PFHxA)	1.10 U	0.940 U	0.920 U	20.0	30.0
Perfluorononanoic acid (PFNA)	1.70 U	1.40 U	1.40 U	1.50 U	2.00 U
Perfluorooctanesulfonic acid (PFOS)	3.40 U	2.80 U	2.80 U	3.00 U	4.00 U
Perfluorooctanoic acid (PFOA)	1.70 U	1.40 U	1.40 U	7.40	8.70
Perfluorotetradecanoic acid (PFTA)	3.40 U	2.80 U	2.80 U	3.00 U	4.00 U
Perfluorotridecanoic acid (PFTrDA)	3.40 U	2.80 U	2.80 U	3.00 U	4.00 U
Perfluoroundecanoic acid (PFUnA)	1.70 U	1.40 U	1.40 U	1.50 U	2.00 U

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	5703VP-18-05	5703VP-18-05	5703VP-18-05	5703VP-18-05	5703VP-18-05
Locations:	5703VP-18-05	5703VP-18-05	5703VP-18-05	5703VP-18-05	5703VP-18-05
Field Sample ID:	5703VP-18-05-26-30	5703VP-18-05-36-40	5703VP-18-05-46-50	5703VP-18-05-56-60	5703VP-18-05-6-10
Sample Begin Depth:	26.00	36.00	46.00	56.00	6.00
Sample End Depth:	30.00	40.00	50.00	60.00	10.00
Sample Date:	11/27/2018	11/27/2018	11/27/2018	11/28/2018	11/27/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	25.0 U	20.0 U	28.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.30 U	12.0 U	10.0 U	14.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.30 U	12.0 U	10.0 U	14.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.30 U	12.0 U	10.0 U	14.0 U
Perfluorobutanesulfonic acid (PFBS)	14.0	14.0	8.90	1.40 J	33.0
Perfluorodecanoic acid (PFDA)	0.920 U	0.930 U	1.20 U	1.00 U	1.40 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.90 U	1.50 U	2.10 U
Perfluoroheptanoic acid (PFHpA)	16.0	13.0	8.20	4.30	160
Perfluorohexanesulfonic acid (PFHxS)	240	140	70.0	3.60	9.50
Perfluorohexanoic acid (PFHxA)	77.0	58.0	41.0	10.0	310
Perfluorononanoic acid (PFNA)	1.20 J	0.810 J	0.890 J	1.50 U	2.10 U
Perfluorooctanesulfonic acid (PFOS)	15.0	11.0	3.70 U	3.00 U	4.20 U
Perfluorooctanoic acid (PFOA)	83.0	53.0	32.0	2.60	38.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	3.70 U	3.00 U	4.20 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	3.70 U	3.00 U	4.20 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.90 U	1.50 U	2.10 U

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	Locations: 5703VP-18-05	5703VP-18-05	5703VP-18-05 (FD)	5703VP-18-06	5703VP-18-06
Field Sample ID:	5703VP-18-05-66-70	5703VP-18-05-73.5-77.5	A1-VP-DUP-R1-112818	5703VP-18-06-12-16	5703VP-18-06-22-26
Sample Begin Depth:	66.00	73.50	56.00	12.00	22.00
Sample End Depth:	70.00	77.50	60.00	16.00	26.00
Sample Date:	11/28/2018	11/28/2018	11/28/2018	11/26/2018	11/26/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	29.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.60 U	9.70 U	9.30 U	15.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.60 U	9.70 U	9.30 U	15.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.60 U	9.70 U	9.30 U	15.0 U
Perfluorobutanesulfonic acid (PFBS)	0.950 U	0.960 U	1.40 J	9.10	2.80 J
Perfluorodecanoic acid (PFDA)	0.950 U	0.960 U	0.970 U	0.930 U	1.50 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	2.20 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	5.10	25.0	17.0
Perfluorohexanesulfonic acid (PFHxS)	0.370 J	0.960 U	4.50	7.20	16.0
Perfluorohexanoic acid (PFHxA)	0.950 U	0.510 J	11.0	93.0	20.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	1.40 U	2.20 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.90 U	2.90 U	2.80 U	15.0
Perfluorooctanoic acid (PFOA)	1.40 U	1.40 U	2.90	12.0	17.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.90 U	2.80 U	4.40 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.90 U	2.80 U	4.40 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.40 U	2.20 U

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	5703VP-18-06	5703VP-18-06	5703VP-18-06	5703VP-18-06	5703VP-18-06
Locations:	5703VP-18-06	5703VP-18-06	5703VP-18-06	5703VP-18-06	5703VP-18-06
Field Sample ID:	5703VP-18-06-2-6	5703VP-18-06-32-36	5703VP-18-06-42-46	5703VP-18-06-52-56	5703VP-18-06-62-66
Sample Begin Depth:	2.00	32.00	42.00	52.00	62.00
Sample End Depth:	6.00	36.00	46.00	56.00	66.00
Sample Date:	11/26/2018	11/26/2018	11/26/2018	11/26/2018	11/26/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.60 U	9.70 U	10.0 U	9.60 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.60 U	9.70 U	10.0 U	9.60 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.60 U	9.70 U	10.0 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	35.0	2.50	0.990 J	1.00 U	0.960 U
Perfluorodecanoic acid (PFDA)	0.940 U	0.460 J	0.970 U	1.00 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	220	10.0	1.50 U	1.50 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	15.0	7.20	1.90	1.00 U	0.960 U
Perfluorohexanoic acid (PFHxA)	250	18.0	2.70	1.00 U	0.960 U
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	1.60 J	2.90 U	3.10 U	2.90 U
Perfluorooctanoic acid (PFOA)	430	6.60	0.830 J	1.50 U	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.90 U	3.10 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.90 U	3.10 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U

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	Locations: 5703VP-18-06	5703VP-18-06 (FD)	5703VP-18-07	5703VP-18-07	5703VP-18-07
Field Sample ID:	5703VP-18-06-68.5-72.5	A1-VP-DUP-R1-112618	5703VP-18-07-12-16	5703VP-18-07-22-26	5703VP-18-07-2-6
Sample Begin Depth:	68.50	2.00	12.00	22.00	2.00
Sample End Depth:	72.50	6.00	16.00	26.00	6.00
Sample Date:	11/27/2018	11/26/2018	11/28/2018	11/28/2018	11/28/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	28.0 U	19.0 U	26.0 U	23.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	14.0 U	9.70 U	13.0 U	12.0 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	14.0 U	9.70 U	13.0 U	12.0 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	14.0 U	9.70 U	13.0 U	12.0 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	0.820 J	35.0	27.0	1.60 J	9.70
Perfluorodecanoic acid (PFDA)	1.40 U	0.970 U	1.30 U	1.20 U	0.900 U
Perfluorododecanoic acid (PFDoA)	2.10 U	1.50 U	1.90 U	1.70 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.10 J	220	49.0	6.80	120
Perfluorohexanesulfonic acid (PFHxS)	3.00	15.0	13.0	5.10	6.60
Perfluorohexanoic acid (PFHxA)	4.70	240	370	16.0	160
Perfluorononanoic acid (PFNA)	2.10 U	1.50 U	1.90 U	1.70 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	4.10 U	2.10 J	3.80 U	3.50 U	5.40
Perfluorooctanoic acid (PFOA)	3.20	450	12.0	6.50	2.70
Perfluorotetradecanoic acid (PFTA)	4.10 U	2.90 U	3.80 U	3.50 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	4.10 U	2.90 U	3.80 U	3.50 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	2.10 U	1.50 U	1.90 U	1.70 U	1.40 U

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	Locations: 5703VP-18-07	5703VP-18-07	5703VP-18-07	5703VP-18-07	5703VP-18-07 (FD)
Field Sample ID:	5703VP-18-07-32-36	5703VP-18-07-42-46	5703VP-18-07-52-56	5703VP-18-07-60-64	A1-VP-DUP-R1-112918
Sample Begin Depth:	32.00	42.00	52.00	60.00	60.00
Sample End Depth:	36.00	46.00	56.00	64.00	64.00
Sample Date:	11/28/2018	11/28/2018	11/29/2018	11/29/2018	11/29/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 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	9.40 U	9.60 U	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.70 U	9.40 U	9.60 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.70 U	9.40 U	9.60 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	1.30 J	0.970 U	0.940 U	0.960 U	0.980 U
Perfluorodecanoic acid (PFDA)	1.00 U	0.970 U	0.940 U	0.960 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.50 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.40 J	1.50 U	1.40 U	1.40 U	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	9.40	0.970 U	0.940 U	0.960 U	0.980 U
Perfluorohexanoic acid (PFHxA)	3.90	1.20 J	0.940 U	0.960 U	0.980 U
Perfluorononanoic acid (PFNA)	1.60 U	1.50 U	1.40 U	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	1.20 J	2.90 U	2.80 U	2.90 U	2.90 U
Perfluorooctanoic acid (PFOA)	2.60	1.50 U	1.40 U	1.40 U	1.50 U
Perfluorotetradecanoic acid (PFTA)	3.10 U	2.90 U	2.80 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	2.90 U	2.80 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.50 U	1.40 U	1.40 U	1.50 U

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	5703VP-18-08	5703VP-18-08	5703VP-18-08	5703VP-18-08	5703VP-18-08
Locations:	5703VP-18-08	5703VP-18-08	5703VP-18-08	5703VP-18-08	5703VP-18-08
Field Sample ID:	5703VP-18-08-12-16	5703VP-18-08-22-26	5703VP-18-08-32-36	5703VP-18-08-42-46	5703VP-18-08-52-56
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:	11/08/2018	11/08/2018	11/08/2018	11/08/2018	11/08/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	22.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.30 U	9.50 U	9.60 U	11.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.30 U	9.50 U	9.60 U	11.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.30 U	9.50 U	9.60 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	59.0	18.0	2.50	7.50	1.10 U
Perfluorodecanoic acid (PFDA)	0.940 U	0.930 U	0.950 U	0.960 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.70 U
Perfluoroheptanoic acid (PFHpA)	180	73.0	13.0	4.20	1.70 U
Perfluorohexanesulfonic acid (PFHxS)	8.60	4.90	10.0	12.0	1.10 U
Perfluorohexanoic acid (PFHxA)	810	170	24.0	22.0	0.890 J
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.70 U
Perfluorooctanesulfonic acid (PFOS)	2.40 J	2.80 U	2.90 U	2.90 U	3.30 U
Perfluorooctanoic acid (PFOA)	26.0	27.0	4.30	4.60	1.70 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	2.90 U	3.30 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 U	2.90 U	3.30 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.70 U

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	Locations: 5703VP-18-08	5703VP-18-08	5703VP-18-08 (FD)	5703VP-18-09	5703VP-18-09
Field Sample ID:	5703VP-18-08-62-66	5703VP-18-08-69-73	A1-VP-DUP-R1-110818	5703VP-18-09-22-26	5703VP-18-09-32-36
Sample Begin Depth:	62.00	69.00	69.00	22.00	32.00
Sample End Depth:	66.00	73.00	73.00	26.00	36.00
Sample Date:	11/08/2018	11/08/2018	11/08/2018	12/19/2018	12/19/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	18.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.40 U	9.30 U	9.00 U	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.40 U	9.30 U	9.00 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.40 U	9.30 U	9.00 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	6.30	0.940 U	0.930 U	0.500 J	2.20
Perfluorodecanoic acid (PFDA)	0.950 U	0.940 U	0.930 U	0.450 J	0.980 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.30 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	17.0	1.40 U	1.40 U	0.890 J	5.50
Perfluorohexanesulfonic acid (PFHxS)	2.20	0.940 U	0.930 U	0.670 J	7.50
Perfluorohexanoic acid (PFHxA)	52.0	0.940 U	0.930 U	0.880 J	13.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	6.30	1.50 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.80 U	2.80 U	1.90 J	3.00 U
Perfluorooctanoic acid (PFOA)	4.70	1.40 U	1.40 U	1.60 J	5.40
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	2.70 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.80 U	2.70 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.30 U	1.50 U

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	Locations: 5703VP-18-09	5703VP-18-09	5703VP-18-09	5703VP-18-09	5703VP-18-09
Field Sample ID:	5703VP-18-09-42-46	5703VP-18-09-52-56	5703VP-18-09-62-66	5703VP-18-09-72-76	5703VP-18-09-82-86
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:	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)	18.0 U	25.0 U	21.0 U	26.0 U	32.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	13.0 U	10.0 U	13.0 U	16.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	13.0 U	10.0 U	13.0 U	16.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	13.0 U	10.0 U	13.0 U	16.0 U
Perfluorobutanesulfonic acid (PFBS)	2.60	2.90	3.90	1.30 U	1.60 U
Perfluorodecanoic acid (PFDA)	0.910 U	1.30 U	1.00 U	1.30 U	1.60 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.90 U	1.60 U	2.00 U	2.40 U
Perfluoroheptanoic acid (PFHpA)	6.60	12.0	10.0	2.00 U	2.40 U
Perfluorohexanesulfonic acid (PFHxS)	9.70	71.0	66.0	2.60 U	1.60 U
Perfluorohexanoic acid (PFHxA)	18.0	21.0	20.0	0.720 J	1.60 U
Perfluorononanoic acid (PFNA)	1.40 U	1.80 J	1.60 J	2.00 U	2.40 U
Perfluorooctanesulfonic acid (PFOS)	2.70 U	15.0	12.0	3.90 U	4.80 U
Perfluorooctanoic acid (PFOA)	4.10	21.0	19.0	2.00 U	2.40 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	3.80 U	3.10 U	3.90 U	4.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	3.80 U	3.10 U	3.90 U	4.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.90 U	1.60 U	2.00 U	2.40 U

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	5703VP-19-01	5703VP-19-01	5703VP-19-01	5703VP-19-01	5703VP-19-01
Locations:	5703VP-19-01	5703VP-19-01	5703VP-19-01	5703VP-19-01	5703VP-19-01
Field Sample ID:	5703VP-19-01-22-26	5703VP-19-01-32-36	5703VP-19-01-42-46	5703VP-19-01-52-56	5703VP-19-01-62-66
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:	01/24/2019	01/24/2019	01/24/2019	01/25/2019	01/25/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	19.0 U	39.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	8.90 U	8.90 U	9.50 U	20.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	8.90 U	8.90 U	9.50 U	20.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	8.90 U	8.90 U	9.50 U	20.0 U
Perfluorobutanesulfonic acid (PFBS)	0.770 J	3.50	4.10	2.60	2.00 U
Perfluorodecanoic acid (PFDA)	1.20 J	0.890 U	0.890 U	0.950 U	2.00 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.30 U	1.30 U	1.40 U	2.90 U
Perfluoroheptanoic acid (PFHpA)	1.00 J	13.0	9.40	2.30	2.90 U
Perfluorohexanesulfonic acid (PFHxS)	3.70	3.30	4.70	10.0	2.00 U
Perfluorohexanoic acid (PFHxA)	4.40	39.0	62.0	7.30	2.00 U
Perfluorononanoic acid (PFNA)	0.860 J	0.650 J	1.30 U	1.40 U	2.90 U
Perfluorooctanesulfonic acid (PFOS)	2.70 U	2.40 J	2.70 U	1.70 J	2.70 J
Perfluorooctanoic acid (PFOA)	1.60 J	8.60	4.70	5.80	2.90 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.70 U	2.90 U	5.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.70 U	2.90 U	5.90 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.30 U	1.30 U	1.40 U	2.90 U

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Locations:	5703VP-19-01	5703VP-19-01 (FD)
Field Sample ID:	5703VP-19-01-68-72	A1-VP-DUP-R2-012519
Sample Begin Depth:	68.00	52.00
Sample End Depth:	72.00	56.00
Sample Date:	01/25/2019	01/25/2019
PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	0.810 J	2.70
Perfluorodecanoic acid (PFDA)	1.20 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.80 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	0.930 J	2.30
Perfluorohexanesulfonic acid (PFHxS)	1.50 J	9.70
Perfluorohexanoic acid (PFHxA)	3.60	7.00
Perfluorononanoic acid (PFNA)	1.80 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.70 U	2.70 U
Perfluorooctanoic acid (PFOA)	1.20 J	5.80
Perfluorotetradecanoic acid (PFTA)	3.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.40 U

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KOMAN, PFAS RI, Vertical Profile Samples-Area 1

AOX 74, Barnum Road Firefighting Exercise Site

	Locations: 74VP-18-01	74VP-18-01	74VP-18-01	74VP-18-01	74VP-18-01
Field Sample ID:	74VP-18-01-102-106	74VP-18-01-22-26	74VP-18-01-32-36	74VP-18-01-42-46	74VP-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:	10/10/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	12.3 J	17.0 U	17.8 U	17.4 U	17.8 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.86 U	8.49 U	8.91 U	8.71 U	8.88 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.86 U	8.49 U	8.91 U	8.71 U	8.88 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.86 U	8.49 U	8.91 U	8.71 U	8.88 U
Perfluorobutanesulfonic acid (PFBS)	0.986 U	1.29 J	0.891 U	2.04	7.14
Perfluorodecanoic acid (PFDA)	0.986 U	0.849 U	0.891 U	3.04	0.888 U
Perfluorododecanoic acid (PFDoA)	1.48 U	1.27 U	1.34 U	1.31 U	1.33 U
Perfluoroheptanoic acid (PFHpA)	6.40	7.12	1.34 U	7.55	46.9
Perfluorohexanesulfonic acid (PFHxS)	0.512 J	1.35 J	0.891 U	1.74 U	3.26
Perfluorohexanoic acid (PFHxA)	2.96	16.7	0.891 U	18.7	66.1
Perfluorononanoic acid (PFNA)	1.48 U	1.27 U	1.34 U	3.30	3.81
Perfluorooctanesulfonic acid (PFOS)	2.96 U	2.55 U	2.67 U	6.10	2.39 J
Perfluorooctanoic acid (PFOA)	11.2	11.6	0.724 J	13.2	115
Perfluorotetradecanoic acid (PFTA)	2.96 U	2.55 U	2.67 U	2.61 U	2.67 U
Perfluorotridecanoic acid (PFTrDA)	2.96 U	2.55 U	2.67 U	2.61 U	2.67 U
Perfluoroundecanoic acid (PFUnA)	1.48 U	1.27 U	1.34 U	1.31 U	1.33 U

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	Locations: 74VP-18-01	74VP-18-01	74VP-18-01	74VP-18-01	74VP-18-01 (FD)
Field Sample ID:	74VP-18-01-62-66	74VP-18-01-72-76	74VP-18-01-82-86	74VP-18-01-92-96	A1-VP-DUP-R1-101118
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:	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	17.6 U	17.5 U	32.7 U	16.7 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.99 U	8.80 U	8.74 U	16.4 U	8.35 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.99 U	8.80 U	8.74 U	16.4 U	8.35 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.99 U	8.80 U	8.74 U	16.4 U	8.35 U
Perfluorobutanesulfonic acid (PFBS)	0.899 U	0.880 U	0.874 U	1.64 U	1.26 J
Perfluorodecanoic acid (PFDA)	0.899 U	0.880 U	0.874 U	1.64 U	0.835 U
Perfluorododecanoic acid (PFDoA)	1.35 U	1.32 U	1.31 U	2.46 U	1.25 U
Perfluoroheptanoic acid (PFHpA)	1.30 J	1.32 U	1.31 U	1.56 J	7.49
Perfluorohexanesulfonic acid (PFHxS)	1.80 U	0.880 U	0.874 U	1.64 U	1.67 U
Perfluorohexanoic acid (PFHxA)	1.29 J	0.880 U	0.874 U	2.56 J	17.5
Perfluorononanoic acid (PFNA)	1.35 U	1.32 U	1.31 U	2.46 U	1.25 U
Perfluorooctanesulfonic acid (PFOS)	1.27 J	2.64 U	2.62 U	4.91 U	2.51 U
Perfluorooctanoic acid (PFOA)	5.13	1.32 U	1.31 U	4.50	11.7
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.64 U	2.62 U	4.91 U	2.51 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.64 U	2.62 U	4.91 U	2.51 U
Perfluoroundecanoic acid (PFUnA)	1.35 U	1.32 U	1.31 U	2.46 U	1.25 U

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	74VP-18-02	74VP-18-02	74VP-18-02	74VP-18-02	74VP-18-02
Locations:	74VP-18-02	74VP-18-02	74VP-18-02	74VP-18-02	74VP-18-02
Field Sample ID:	74VP-18-02-22-26	74VP-18-02-32-36	74VP-18-02-42-46	74VP-18-02-52-56	74VP-18-02-62-66
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:	12/05/2018	12/05/2018	12/05/2018	12/05/2018	12/05/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	20.0 U	21.0 U	31.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.20 U	9.90 U	11.0 U	15.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.20 U	9.90 U	11.0 U	15.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.20 U	9.90 U	11.0 U	15.0 U
Perfluorobutanesulfonic acid (PFBS)	5.00	0.490 J	2.90	0.620 J	1.50 U
Perfluorodecanoic acid (PFDA)	0.930 U	1.70 J	0.780 J	1.10 U	1.50 U
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.40 UJ	1.50 UJ	1.60 UJ	2.30 UJ
Perfluoroheptanoic acid (PFHpA)	18.0	2.50	4.10	4.80	2.30 U
Perfluorohexanesulfonic acid (PFHxS)	2.80	1.80 U	2.80	2.10 U	3.10 U
Perfluorohexanoic acid (PFHxA)	26.0	6.60	5.70	6.10	1.40 J
Perfluorononanoic acid (PFNA)	21.0	0.720 J	4.50	1.60 U	2.30 U
Perfluorooctanesulfonic acid (PFOS)	8.30	1.40 J	7.80	3.20 U	4.60 U
Perfluorooctanoic acid (PFOA)	33.0	1.90	7.00	16.0	1.30 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	3.00 U	3.20 U	4.60 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	3.00 U	3.20 U	4.60 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.60 U	2.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	Locations: 74VP-18-02	74VP-18-03	74VP-18-03	74VP-18-03	74VP-18-03
Field Sample ID:	74VP-18-02-69-73	74VP-18-03-102-106	74VP-18-03-112-116	74VP-18-03-22-26	74VP-18-03-32-36
Sample Begin Depth:	69.00	102.00	112.00	22.00	32.00
Sample End Depth:	73.00	106.00	116.00	26.00	36.00
Sample Date:	12/06/2018	10/15/2018	10/15/2018	10/12/2018	10/12/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	40.0 U	18.7 U	20.9 U	17.2 U	17.3 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	20.0 U	9.34 U	10.4 U	8.59 U	8.64 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	20.0 U	9.34 U	10.4 U	8.59 U	8.64 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	20.0 U	9.34 U	10.4 U	8.59 U	8.64 U
Perfluorobutanesulfonic acid (PFBS)	2.00 U	0.934 U	0.737 J	13.0	5.64
Perfluorodecanoic acid (PFDA)	2.00 U	0.934 U	1.04 U	45.1	24.7
Perfluorododecanoic acid (PFDoA)	3.00 U	1.40 U	1.57 U	1.29 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	3.00 U	1.40 U	1.92 J	22.2	18.1
Perfluorohexanesulfonic acid (PFHxS)	2.00 U	0.934 U	0.626 J	1.72 U	1.73 U
Perfluorohexanoic acid (PFHxA)	2.00 U	0.934 U	1.83 J	18.5	26.8
Perfluorononanoic acid (PFNA)	3.00 U	1.40 U	1.01 J	25.1	9.76
Perfluorooctanesulfonic acid (PFOS)	6.00 U	2.80 U	1.28 J	39.9	17.7
Perfluorooctanoic acid (PFOA)	3.00 U	1.40 U	4.05	48.3	25.6
Perfluorotetradecanoic acid (PFTA)	6.00 U	2.80 U	3.13 U	2.58 U	2.59 U
Perfluorotridecanoic acid (PFTrDA)	6.00 U	2.80 U	3.13 U	2.58 U	2.59 U
Perfluoroundecanoic acid (PFUnA)	3.00 U	1.40 U	1.57 U	6.39	1.30 U

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	74VP-18-03	74VP-18-03	74VP-18-03	74VP-18-03	74VP-18-03
Locations:	74VP-18-03	74VP-18-03	74VP-18-03	74VP-18-03	74VP-18-03
Field Sample ID:	74VP-18-03-42-46	74VP-18-03-52-56	74VP-18-03-62-66	74VP-18-03-72-76	74VP-18-03-82-86
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:	10/12/2018	10/12/2018	10/12/2018	10/15/2018	10/15/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	17.6 U	17.7 U	18.5 U	18.9 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.51 U	8.82 U	8.86 U	9.26 U	9.43 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.51 U	8.82 U	8.86 U	9.26 U	9.43 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.51 U	8.82 U	8.86 U	9.26 U	9.43 U
Perfluorobutanesulfonic acid (PFBS)	15.1	4.04	0.706 J	1.33 J	0.943 U
Perfluorodecanoic acid (PFDA)	38.1	0.882 U	0.886 U	0.926 U	0.943 U
Perfluorododecanoic acid (PFDoA)	1.28 U	1.32 U	1.33 U	1.39 U	1.41 U
Perfluoroheptanoic acid (PFHpA)	40.1	12.6	3.70	2.25 J	1.41 U
Perfluorohexanesulfonic acid (PFHxS)	1.70 U	1.76 U	1.82	6.75 J	0.943 U
Perfluorohexanoic acid (PFHxA)	42.8	11.1	3.75	2.20 J	0.943 U
Perfluorononanoic acid (PFNA)	20.9	5.56	1.33 U	1.39 U	1.41 U
Perfluorooctanesulfonic acid (PFOS)	25.8	6.99	2.66 U	1.20 J	2.83 U
Perfluorooctanoic acid (PFOA)	69.8	26.3	3.87	4.21 J	1.41 U
Perfluorotetradecanoic acid (PFTA)	2.55 U	2.64 U	2.66 U	2.78 U	2.83 U
Perfluorotridecanoic acid (PFTrDA)	2.55 U	2.64 U	2.66 U	2.78 U	2.83 U
Perfluoroundecanoic acid (PFUnA)	1.28 U	1.32 U	1.33 U	1.39 U	1.41 U

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	74VP-18-03	74VP-18-04	74VP-18-04	74VP-18-04	74VP-18-04
Locations:	74VP-18-03	74VP-18-04	74VP-18-04	74VP-18-04	74VP-18-04
Field Sample ID:	74VP-18-03-92-96	74VP-18-04-22-26	74VP-18-04-32-36	74VP-18-04-42-46	74VP-18-04-52-56
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:	10/15/2018	12/10/2018	12/10/2018	12/10/2018	12/10/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.7 U	19.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.34 U	9.50 U	9.70 U	9.50 U	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.34 U	9.50 U	9.70 U	9.50 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.34 U	9.50 U	9.70 U	9.50 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	0.934 U	0.700 J	0.970 U	0.850 J	0.530 J
Perfluorodecanoic acid (PFDA)	0.934 U	15.0	12.0	16.0	16.0
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	13.0	6.30	8.50	7.10
Perfluorohexanesulfonic acid (PFHxS)	0.934 U	1.90 U	1.90 U	1.90 U	2.00 U
Perfluorohexanoic acid (PFHxA)	0.934 U	6.50	4.60	13.0	11.0
Perfluorononanoic acid (PFNA)	1.40 U	6.30	4.30	4.90	4.60
Perfluorooctanesulfonic acid (PFOS)	2.80 U	25.0	37.0	63.0	49.0
Perfluorooctanoic acid (PFOA)	1.40 U	11.0 J	13.0 J	25.0 J	20.0 J
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	1.60 J	1.80 J	1.20 J	1.50 U

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	Locations: 74VP-18-04	74VP-18-04	74VP-18-04A	74VP-18-04A	74VP-18-05
Field Sample ID:	74VP-18-04-62-66	74VP-18-04-67-71	74VP-18-04-72-76	74VP-18-04-81-85	74VP-18-05-102-106
Sample Begin Depth:	62.00	67.00	72.00	81.00	102.00
Sample End Depth:	66.00	71.00	76.00	85.00	106.00
Sample Date:	12/10/2018	12/10/2018	12/11/2018	12/11/2018	10/09/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	36.0 U	20.0 U	19.0 U	18.0 U	28.1 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	18.0 U	9.80 U	9.30 U	9.10 U	14.1 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	18.0 U	9.80 U	9.30 U	9.10 U	14.1 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	18.0 U	9.80 U	9.30 U	9.10 U	14.1 U
Perfluorobutanesulfonic acid (PFBS)	1.80 U	0.980 U	0.930 U	0.910 U	1.41 U
Perfluorodecanoic acid (PFDA)	1.80 U	0.580 J	0.930 U	0.910 U	0.771 J
Perfluorododecanoic acid (PFDoA)	2.70 U	1.50 U	1.40 U	1.40 U	2.11 U
Perfluoroheptanoic acid (PFHpA)	12.0	8.30	2.60	1.40 U	7.54
Perfluorohexanesulfonic acid (PFHxS)	3.60 U	2.00 U	1.90 U	1.80 U	2.81 U
Perfluorohexanoic acid (PFHxA)	49.0	52.0	18.0	2.00	9.89
Perfluorononanoic acid (PFNA)	2.70 U	1.40 J	1.40 U	1.40 U	0.813 J
Perfluorooctanesulfonic acid (PFOS)	2.00 J	5.80	1.40 J	2.70 U	2.67 J
Perfluorooctanoic acid (PFOA)	31.0 J	17.0 J	7.40 J	0.750 J	10.6
Perfluorotetradecanoic acid (PFTA)	5.30 U	2.90 U	2.80 U	2.70 U	4.22 U
Perfluorotridecanoic acid (PFTrDA)	5.30 U	2.90 U	2.80 U	2.70 U	4.22 U
Perfluoroundecanoic acid (PFUnA)	2.70 U	1.50 U	1.40 U	1.40 U	2.11 U

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	74VP-18-05	74VP-18-05	74VP-18-05	74VP-18-05	74VP-18-05
Locations:	74VP-18-05	74VP-18-05	74VP-18-05	74VP-18-05	74VP-18-05
Field Sample ID:	74VP-18-05-110-114	74VP-18-05-22-26	74VP-18-05-32-36	74VP-18-05-42-46	74VP-18-05-52-56
Sample Begin Depth:	110.00	22.00	32.00	42.00	52.00
Sample End Depth:	114.00	26.00	36.00	46.00	56.00
Sample Date:	10/09/2018	10/08/2018	10/08/2018	10/08/2018	10/08/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.8 U	20.7 UJ	19.7 UJ	19.0 UJ	10.6 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.92 U	10.4 UJ	9.87 UJ	9.50 UJ	9.77 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.92 U	10.4 UJ	9.87 UJ	9.50 UJ	9.77 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.92 U	10.4 UJ	9.87 UJ	9.50 UJ	9.77 UJ
Perfluorobutanesulfonic acid (PFBS)	0.892 U	0.629 J	0.651 J	2.38 J	3.09 J
Perfluorodecanoic acid (PFDA)	0.892 U	5.91 J	11.8 J	113 J	0.977 UJ
Perfluorododecanoic acid (PFDoA)	1.34 U	1.55 UJ	1.48 UJ	1.42 UJ	1.46 UJ
Perfluoroheptanoic acid (PFHpA)	8.54	81.8 J	78.1 J	844 J	1360 J
Perfluorohexanesulfonic acid (PFHxS)	0.902 J	2.98 J	1.97 U	17.2 J	22.7 J
Perfluorohexanoic acid (PFHxA)	37.4	62.3 J	101 J	1410 J	2020 J
Perfluorononanoic acid (PFNA)	1.34 U	13.6 J	10.8 J	128 J	0.816 J
Perfluorooctanesulfonic acid (PFOS)	2.68 U	22.9 J	42.6 J	505 J	2.96 J
Perfluorooctanoic acid (PFOA)	25.7	151 J	66.6 J	1580 J	2270 J
Perfluorotetradecanoic acid (PFTA)	2.68 U	3.11 UJ	2.96 UJ	2.85 UJ	2.93 UJ
Perfluorotridecanoic acid (PFTrDA)	2.68 U	3.11 UJ	2.96 UJ	2.85 UJ	2.93 UJ
Perfluoroundecanoic acid (PFUnA)	1.34 U	1.37 J	1.48 UJ	1.42 UJ	1.46 UJ

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	Locations: 74VP-18-05	74VP-18-05	74VP-18-05	74VP-18-05	74VP-18-05 (FD)
Field Sample ID:	74VP-18-05-62-66	74VP-18-05-72-76	74VP-18-05-82-86	74VP-18-05-92-96	A1-VP-DUP-R2-100818
Sample Begin Depth:	62.00	72.00	82.00	92.00	42.00
Sample End Depth:	66.00	76.00	86.00	96.00	46.00
Sample Date:	10/08/2018	10/08/2018	10/09/2018	10/09/2018	10/08/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.6 UJ	19.2 UJ	19.7 UJ	19.1 U	19.8 UJ
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 UJ	9.59 UJ	9.86 UJ	9.53 U	9.90 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 UJ	9.59 UJ	9.86 UJ	9.53 U	9.90 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 UJ	9.59 UJ	9.86 UJ	9.53 U	9.90 UJ
Perfluorobutanesulfonic acid (PFBS)	0.980 UJ	0.959 UJ	0.986 UJ	0.953 U	2.15 J
Perfluorodecanoic acid (PFDA)	0.980 UJ	0.959 UJ	0.986 UJ	0.953 U	118 J
Perfluorododecanoic acid (PFDoA)	1.47 UJ	1.44 UJ	1.48 UJ	1.43 U	1.49 UJ
Perfluoroheptanoic acid (PFHpA)	3.89 J	1.75 J	2.11 J	1.43 U	874 J
Perfluorohexanesulfonic acid (PFHxS)	2.45 J	2.22 J	1.97 U	0.953 U	16.1 J
Perfluorohexanoic acid (PFHxA)	7.17 J	3.13 J	3.26 J	0.663 J	1400 J
Perfluorononanoic acid (PFNA)	1.47 UJ	1.44 UJ	1.48 UJ	1.43 U	132 J
Perfluorooctanesulfonic acid (PFOS)	2.08 J	1.08 J	2.96 UJ	2.86 U	556 J
Perfluorooctanoic acid (PFOA)	10.6 J	2.93 J	3.61 J	0.848 J	1630 J
Perfluorotetradecanoic acid (PFTA)	2.94 UJ	2.88 UJ	2.96 UJ	2.86 U	2.97 UJ
Perfluorotridecanoic acid (PFTrDA)	2.94 UJ	2.88 UJ	2.96 UJ	2.86 U	2.97 UJ
Perfluoroundecanoic acid (PFUnA)	1.47 UJ	1.44 UJ	1.48 UJ	1.43 U	1.49 UJ

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	Locations: 74VP-18-06	74VP-18-06	74VP-18-06	74VP-18-06	74VP-18-06
Field Sample ID:	74VP-18-06-32-36	74VP-18-06-42-46	74VP-18-06-52-56	74VP-18-06-62-66	74VP-18-06-72-76
Sample Begin Depth:	32.00	42.00	52.00	62.00	72.00
Sample End Depth:	36.00	46.00	56.00	66.00	76.00
Sample Date:	12/03/2018	12/03/2018	12/03/2018	12/03/2018	12/03/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	21.0 U	20.0 U	26.0 U	26.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	10.0 U	9.90 U	13.0 U	13.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	10.0 U	9.90 U	13.0 U	13.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	10.0 U	9.90 U	13.0 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	1.80 J	1.80 J	4.00	1.40 J	2.20 J
Perfluorodecanoic acid (PFDA)	4.70	2.20	2.90	0.850 J	1.30 U
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.60 UJ	1.50 UJ	1.90 UJ	1.90 UJ
Perfluoroheptanoic acid (PFHpA)	1.50 J	2.10	1.30 J	4.30	17.0
Perfluorohexanesulfonic acid (PFHxS)	1.90 U	2.10 U	2.00 U	2.60 U	3.00
Perfluorohexanoic acid (PFHxA)	1.80 J	2.30	0.640 J	6.70	34.0
Perfluorononanoic acid (PFNA)	1.20 J	1.70 J	1.10 J	3.80	4.20
Perfluorooctanesulfonic acid (PFOS)	2.60 J	3.50 J	3.50 J	4.90 J	6.30
Perfluorooctanoic acid (PFOA)	1.90	3.40	3.30	9.50	45.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	3.10 U	3.00 U	3.90 U	3.90 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	3.10 U	3.00 U	3.90 U	3.90 U
Perfluoroundecanoic acid (PFUnA)	0.930 J	1.10 J	1.30 J	1.90 U	1.90 U

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	Locations: 74VP-18-06	74VP-18-06 (FD)	74VP-18-07	74VP-18-07	74VP-18-07
Field Sample ID:	74VP-18-06-81.5-85.5	A1-VP-DUP-R1-120318	74VP-18-07-25-29	74VP-18-07-37-41	74VP-18-07-47-51
Sample Begin Depth:	81.50	52.00	25.00	37.00	47.00
Sample End Depth:	85.50	56.00	29.00	41.00	51.00
Sample Date:	12/03/2018	12/03/2018	10/03/2018	10/03/2018	10/03/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	21.0 U	20.0 UJ	20.0 UJ	20.0 UJ
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	11.0 U	10.0 UJ	10.0 UJ	10.0 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	11.0 U	10.0 UJ	10.0 UJ	10.0 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	11.0 U	10.0 UJ	10.0 UJ	10.0 UJ
Perfluorobutanesulfonic acid (PFBS)	0.930 U	4.10	2.90 J	1.20 J	1.00 UJ
Perfluorodecanoic acid (PFDA)	0.930 U	3.20	1.00 UJ	1.00 UJ	1.00 UJ
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.60 UJ	1.50 UJ	1.50 UJ	1.50 UJ
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 J	9.40 J	5.00 J	1.20 J
Perfluorohexanesulfonic acid (PFHxS)	0.930 U	2.10 U	7.30 J	3.50 J	2.00 J
Perfluorohexanoic acid (PFHxA)	0.930 U	0.610 J	12.0 J	5.90 J	14.0 J
Perfluorononanoic acid (PFNA)	1.40 U	1.10 J	1.50 UJ	1.50 UJ	1.50 UJ
Perfluorooctanesulfonic acid (PFOS)	2.80 U	4.00 J	47.0 J	9.90 J	3.00 UJ
Perfluorooctanoic acid (PFOA)	1.40 U	3.50	27.0 J	9.70 J	0.990 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.20 U	3.00 UJ	3.00 UJ	3.00 UJ
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.20 U	3.00 UJ	3.00 UJ	3.00 UJ
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 J	1.50 UJ	1.50 UJ	1.50 UJ

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	Locations: 74VP-18-07	74VP-18-07	74VP-18-07	74VP-18-07	74VP-18-08
Field Sample ID:	74VP-18-07-57-61	74VP-18-07-67-71	74VP-18-07-77-81	74VP-18-07-87-91	74VP-18-08-102-106
Sample Begin Depth:	57.00	67.00	77.00	87.00	102.00
Sample End Depth:	61.00	71.00	81.00	91.00	106.00
Sample Date:	10/03/2018	10/03/2018	10/03/2018	10/04/2018	10/08/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 UJ	19.0 UJ	20.0 UJ	20.0 UJ	24.2 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 UJ	9.70 UJ	10.0 UJ	10.0 UJ	12.1 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 UJ	9.70 UJ	10.0 UJ	10.0 UJ	12.1 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 UJ	9.70 UJ	10.0 UJ	10.0 UJ	12.1 U
Perfluorobutanesulfonic acid (PFBS)	0.670 J	0.560 J	1.00 J	1.00 UJ	1.21 U
Perfluorodecanoic acid (PFDA)	0.980 UJ	0.970 UJ	1.00 UJ	1.00 UJ	1.21 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	1.50 UJ	1.50 UJ	1.50 UJ	1.81 U
Perfluoroheptanoic acid (PFHpA)	1.50 UJ	1.50 UJ	1.50 UJ	1.50 UJ	1.81 U
Perfluorohexanesulfonic acid (PFHxS)	3.10 J	0.380 J	1.40 J	1.00 UJ	0.478 J
Perfluorohexanoic acid (PFHxA)	0.980 UJ	0.970 UJ	0.880 J	1.00 UJ	1.21 U
Perfluorononanoic acid (PFNA)	1.50 UJ	1.50 UJ	1.50 UJ	1.50 UJ	1.81 U
Perfluorooctanesulfonic acid (PFOS)	2.90 UJ	2.90 UJ	3.00 UJ	3.10 UJ	3.62 U
Perfluorooctanoic acid (PFOA)	0.540 J	1.50 UJ	0.730 J	1.50 UJ	1.81 U
Perfluorotetradecanoic acid (PFTA)	2.90 UJ	2.90 UJ	3.00 UJ	3.10 UJ	3.62 U
Perfluorotridecanoic acid (PFTrDA)	2.90 UJ	2.90 UJ	3.00 UJ	3.10 UJ	3.62 U
Perfluoroundecanoic acid (PFUnA)	1.50 UJ	1.50 UJ	1.50 UJ	1.50 UJ	1.81 U

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	Locations: 74VP-18-08	74VP-18-08	74VP-18-08	74VP-18-08	74VP-18-08
Field Sample ID:	74VP-18-08-112-116	74VP-18-08-122-126	74VP-18-08-132-136	74VP-18-08-32-36	74VP-18-08-42-46
Sample Begin Depth:	112.00	122.00	132.00	32.00	42.00
Sample End Depth:	116.00	126.00	136.00	36.00	46.00
Sample Date:	10/08/2018	10/08/2018	10/09/2018	10/05/2018	10/05/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.6 U	36.6 U	29.4 U	19.0 UJ	19.0 UJ
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.8 U	18.3 U	14.7 U	9.40 UJ	9.60 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.8 U	18.3 U	14.7 U	9.40 UJ	9.60 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.8 U	18.3 U	14.7 U	9.40 UJ	9.60 UJ
Perfluorobutanesulfonic acid (PFBS)	1.08 U	1.83 U	1.47 U	3.60 J	4.90 J
Perfluorodecanoic acid (PFDA)	1.08 U	1.83 U	1.47 U	0.940 UJ	0.960 UJ
Perfluorododecanoic acid (PFDoA)	1.62 U	2.75 U	2.20 U	1.40 UJ	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	1.62 U	2.75 U	2.20 U	50.0 J	48.0 J
Perfluorohexanesulfonic acid (PFHxS)	1.08 U	1.83 U	1.47 U	5.90 J	7.40 J
Perfluorohexanoic acid (PFHxA)	1.08 U	1.83 U	1.47 U	33.0 J	81.0 J
Perfluorononanoic acid (PFNA)	1.62 U	2.75 U	2.20 U	1.20 J	0.680 J
Perfluorooctanesulfonic acid (PFOS)	3.23 U	5.49 U	4.41 U	13.0 J	6.10 J
Perfluorooctanoic acid (PFOA)	1.62 U	2.75 U	2.20 U	42.0 J	46.0 J
Perfluorotetradecanoic acid (PFTA)	3.23 U	5.49 U	4.41 U	2.80 UJ	2.90 UJ
Perfluorotridecanoic acid (PFTrDA)	3.23 U	5.49 U	4.41 U	2.80 UJ	2.90 UJ
Perfluoroundecanoic acid (PFUnA)	1.62 U	2.75 U	2.20 U	1.40 UJ	1.40 UJ

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	Locations: 74VP-18-08	74VP-18-08	74VP-18-08	74VP-18-08	74VP-18-08
Field Sample ID:	74VP-18-08-52-56	74VP-18-08-62-66	74VP-18-08-72-76	74VP-18-08-82-86	74VP-18-08-92-96
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:	10/05/2018	10/05/2018	10/05/2018	10/05/2018	10/08/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 UJ	21.0 UJ	20.0 UJ	29.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 UJ	10.0 UJ	10.0 UJ	14.0 U	10.5 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 UJ	10.0 UJ	10.0 UJ	14.0 U	10.5 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 UJ	10.0 UJ	10.0 UJ	14.0 U	10.5 U
Perfluorobutanesulfonic acid (PFBS)	2.10 J	0.800 J	1.00 UJ	1.40 U	1.05 U
Perfluorodecanoic acid (PFDA)	1.00 UJ	1.00 UJ	1.00 UJ	1.40 U	1.05 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	1.50 UJ	1.50 UJ	2.10 U	1.57 U
Perfluoroheptanoic acid (PFHpA)	3.40 J	1.80 J	1.50 UJ	2.10 U	1.57 U
Perfluorohexanesulfonic acid (PFHxS)	6.90 J	4.60 J	2.00 U	1.40 U	1.05 U
Perfluorohexanoic acid (PFHxA)	13.0 J	2.20 J	1.00 UJ	1.40 U	1.05 U
Perfluorononanoic acid (PFNA)	1.50 UJ	1.50 UJ	1.50 UJ	2.10 U	1.57 U
Perfluorooctanesulfonic acid (PFOS)	2.50 J	2.40 J	3.00 UJ	4.30 U	3.14 U
Perfluorooctanoic acid (PFOA)	3.90 J	2.90 J	1.50 UJ	2.10 U	1.57 U
Perfluorotetradecanoic acid (PFTA)	3.00 UJ	3.10 UJ	3.00 UJ	4.30 U	3.14 U
Perfluorotridecanoic acid (PFTrDA)	3.00 UJ	3.10 UJ	3.00 UJ	4.30 U	3.14 U
Perfluoroundecanoic acid (PFUnA)	1.50 UJ	1.50 UJ	1.50 UJ	2.10 U	1.57 U

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	Locations: 74VP-18-08 (FD)	74VP-18-09	74VP-18-09	74VP-18-09	74VP-18-10
Field Sample ID:	A1-VP-DUP-R1-100518	74VP-18-09-12-16	74VP-18-09-22-26	74VP-18-09-32-36	74VP-18-10-12-16
Sample Begin Depth:	72.00	12.00	22.00	32.00	12.00
Sample End Depth:	76.00	16.00	26.00	36.00	16.00
Sample Date:	10/05/2018	12/04/2018	12/04/2018	12/05/2018	12/04/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	13.0 J	19.0 U	18.0 U	19.0 U	22.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 UJ	9.30 U	9.10 U	9.30 U	11.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 UJ	9.30 U	9.10 U	9.30 U	11.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 UJ	9.30 U	9.10 U	9.30 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	0.590 J	0.560 J	0.630 J	0.930 U	1.40 J
Perfluorodecanoic acid (PFDA)	1.10 UJ	7.40	7.10	0.930 U	2.60
Perfluorododecanoic acid (PFDoA)	1.60 UJ	1.40 U	1.40 U	1.40 U	1.70 UJ
Perfluoroheptanoic acid (PFHpA)	0.950 J	4.70	18.0	0.590 J	2.40
Perfluorohexanesulfonic acid (PFHxS)	2.10 U	0.650 J	0.920 J	0.360 J	2.20 U
Perfluorohexanoic acid (PFHxA)	1.10 UJ	4.40	17.0	5.20	2.10 J
Perfluorononanoic acid (PFNA)	1.60 UJ	2.50	8.40	1.40 U	0.880 J
Perfluorooctanesulfonic acid (PFOS)	4.30 J	30.0	36.0	2.80 U	2.90 J
Perfluorooctanoic acid (PFOA)	1.10 J	13.0	40.0	1.40 U	5.40
Perfluorotetradecanoic acid (PFTA)	3.20 UJ	2.80 U	2.70 U	2.80 U	3.30 U
Perfluorotridecanoic acid (PFTrDA)	3.20 UJ	2.80 U	2.70 U	2.80 U	3.30 U
Perfluoroundecanoic acid (PFUnA)	1.60 UJ	1.40 U	1.40 U	1.40 U	2.10 J

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	Locations: 74VP-18-10	74VP-18-10	74VP-18-10	74VP-18-10	74VP-18-10 (FD)
Field Sample ID:	74VP-18-10-22-26	74VP-18-10-32-36	74VP-18-10-42-46	74VP-18-10-46-50	A1-VP-DUP-R1-120418
Sample Begin Depth:	22.00	32.00	42.00	46.00	46.00
Sample End Depth:	26.00	36.00	46.00	50.00	50.00
Sample Date:	12/04/2018	12/04/2018	12/04/2018	12/04/2018	12/04/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	24.0 U	19.0 U	21.0 U	25.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	12.0 U	9.50 U	11.0 U	13.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	12.0 U	9.50 U	11.0 U	13.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	12.0 U	9.50 U	11.0 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	1.60 J	0.610 J	0.950 U	1.10 U	1.30 U
Perfluorodecanoic acid (PFDA)	2.80	1.20 U	0.950 U	1.10 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	1.80 UJ	1.40 UJ	1.60 UJ	1.90 UJ
Perfluoroheptanoic acid (PFHpA)	3.40	4.00	1.40 U	1.60 U	1.90 U
Perfluorohexanesulfonic acid (PFHxS)	2.10 U	2.40 U	1.90 U	1.10 U	1.30 U
Perfluorohexanoic acid (PFHxA)	4.10	7.50	0.730 J	1.10 U	1.30 U
Perfluorononanoic acid (PFNA)	1.70 J	1.80 U	1.40 U	1.60 U	1.90 U
Perfluorooctanesulfonic acid (PFOS)	3.70 J	2.90 J	2.90 U	3.20 U	3.80 U
Perfluorooctanoic acid (PFOA)	5.10	11.0	1.20 J	0.610 J	0.750 J
Perfluorotetradecanoic acid (PFTA)	3.10 U	3.60 U	2.90 U	3.20 U	3.80 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	3.60 U	2.90 U	3.20 U	3.80 U
Perfluoroundecanoic acid (PFUnA)	1.30 J	1.80 U	1.40 U	1.60 U	1.90 U

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	74VP-18-11	74VP-18-11	74VP-18-11	74VP-18-11	74VP-18-11
Locations: 74VP-18-11	74VP-18-11	74VP-18-11	74VP-18-11	74VP-18-11	74VP-18-11
Field Sample ID: 74VP-18-11-22-26	74VP-18-11-32-36	74VP-18-11-42-46	74VP-18-11-52-56	74VP-18-11-62-66	
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: 10/01/2018	10/01/2018	10/01/2018	10/01/2018	10/01/2018	
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 UJ	20.0 UJ	19.0 UJ	20.0 UJ	19.0 UJ
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 UJ	9.80 UJ	9.60 UJ	9.80 UJ	9.40 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 UJ	9.80 UJ	9.60 UJ	9.80 UJ	9.40 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 UJ	9.80 UJ	9.60 UJ	9.80 UJ	9.40 UJ
Perfluorobutanesulfonic acid (PFBS)	0.880 J	0.980 UJ	0.960 UJ	0.630 J	1.80 J
Perfluorodecanoic acid (PFDA)	1.20 J	0.980 UJ	0.960 UJ	0.980 UJ	0.940 UJ
Perfluorododecanoic acid (PFDoA)	1.50 UJ	1.50 UJ	1.40 UJ	1.50 UJ	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	3.00 J	1.50 UJ	1.90 J	1.50 UJ	1.40 UJ
Perfluorohexanesulfonic acid (PFHxS)	3.90 J	0.920 J	1.50 J	5.40 J	12.0 J
Perfluorohexanoic acid (PFHxA)	4.20 J	0.980 UJ	3.10 J	0.980 UJ	0.940 UJ
Perfluorononanoic acid (PFNA)	0.650 J	1.50 UJ	1.40 UJ	1.50 UJ	1.40 UJ
Perfluorooctanesulfonic acid (PFOS)	2.90 UJ	2.90 UJ	2.90 UJ	2.90 UJ	2.80 UJ
Perfluorooctanoic acid (PFOA)	34.0 J	1.50 J	2.90 J	0.940 J	0.630 J
Perfluorotetradecanoic acid (PFTA)	2.90 UJ	2.90 UJ	2.90 UJ	2.90 UJ	2.80 UJ
Perfluorotridecanoic acid (PFTrDA)	2.90 UJ	2.90 UJ	2.90 UJ	2.90 UJ	2.80 UJ
Perfluoroundecanoic acid (PFUnA)	1.50 UJ	1.50 UJ	1.40 UJ	1.50 UJ	1.40 UJ

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	Locations: 74VP-18-11	74VP-18-11	74VP-18-11	74VP-18-11 (FD)	74VP-18-12
Field Sample ID:	74VP-18-11-72-76	74VP-18-11-82-86	74VP-18-11-92-96	A1-VP-DUP-R1-100218	74VP-18-12-22-26
Sample Begin Depth:	72.00	82.00	92.00	72.00	22.00
Sample End Depth:	76.00	86.00	96.00	76.00	26.00
Sample Date:	10/02/2018	10/02/2018	10/02/2018	10/02/2018	12/13/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 UJ	37.0 UJ	18.0 U	20.0 UJ	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 UJ	19.0 UJ	9.20 U	9.80 UJ	9.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 UJ	19.0 UJ	9.20 UJ	9.80 UJ	9.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 UJ	19.0 UJ	9.20 UJ	9.80 UJ	9.40 U
Perfluorobutanesulfonic acid (PFBS)	2.50 J	2.50 J	0.920 UJ	2.30 J	5.80
Perfluorodecanoic acid (PFDA)	0.970 UJ	1.90 UJ	0.920 UJ	0.980 UJ	0.940 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	2.80 UJ	1.40 UJ	1.50 UJ	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.50 UJ	2.80 UJ	0.810 J	1.50 UJ	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	17.0 J	6.10 J	3.10 J	16.0 J	22.0
Perfluorohexanoic acid (PFHxA)	1.50 J	3.40 J	0.870 J	1.20 J	0.940 U
Perfluorononanoic acid (PFNA)	1.50 UJ	2.80 UJ	1.10 J	1.50 UJ	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.90 UJ	5.60 UJ	2.80 UJ	2.90 UJ	1.20 J
Perfluorooctanoic acid (PFOA)	1.30 J	1.20 J	3.00 J	1.10 J	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.90 UJ	5.60 UJ	2.80 X	2.90 UJ	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 UJ	5.60 UJ	2.80 UJ	2.90 UJ	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 UJ	2.80 UJ	1.40 UJ	1.50 UJ	1.40 U

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	Locations: 74VP-18-12	74VP-18-12	74VP-18-12	74VP-18-12	74VP-18-12
Field Sample ID:	74VP-18-12-32-36	74VP-18-12-42-46	74VP-18-12-52-56	74VP-18-12-62-66	74VP-18-12-72-76
Sample Begin Depth:	32.00	42.00	52.00	62.00	72.00
Sample End Depth:	36.00	46.00	56.00	66.00	76.00
Sample Date:	12/13/2018	12/13/2018	12/13/2018	12/14/2018	12/14/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.30 U	9.30 U	9.20 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.30 U	9.30 U	9.20 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.30 U	9.30 U	9.20 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	11.0	1.40 J	1.60 J	0.950 J	2.70
Perfluorodecanoic acid (PFDA)	0.940 U	0.930 U	17.0	26.0	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	8.70	64.0	130	190	330
Perfluorohexanesulfonic acid (PFHxS)	8.70	8.40	9.50	5.40	11.0
Perfluorohexanoic acid (PFHxA)	5.20	50.0	150	310	1900
Perfluorononanoic acid (PFNA)	1.40 U	4.50	13.0	29.0	33.0
Perfluorooctanesulfonic acid (PFOS)	2.80 U	6.90	36.0	77.0	53.0
Perfluorooctanoic acid (PFOA)	4.80	99.0	310	340	1100
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: 74VP-18-12	74VP-18-12	74VP-18-12	74VP-18-12 (FD)	74VP-18-13
Field Sample ID:	74VP-18-12-82-86	74VP-18-12-92-96	74VP-18-12-98-102	A1-VP-DUP-R2-121318	74VP-18-13-22-26
Sample Begin Depth:	82.00	92.00	98.00	32.00	22.00
Sample End Depth:	86.00	96.00	102.00	36.00	26.00
Sample Date:	12/14/2018	12/14/2018	12/17/2018	12/13/2018	12/11/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	25.0 U	19.0 U	19.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	9.40 U	9.60 U	9.30 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.40 U	9.60 U	9.30 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.40 U	9.60 U	9.30 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	1.20 J	0.940 U	0.960 U	11.0	0.890 J
Perfluorodecanoic acid (PFDA)	1.20 U	0.940 U	0.960 U	0.930 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.90 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	41.0	1.40 U	1.40 U	8.10	1.90
Perfluorohexanesulfonic acid (PFHxS)	2.50	0.940 U	0.960 U	9.90	2.40
Perfluorohexanoic acid (PFHxA)	610	0.940 U	0.960 U	5.70	3.30
Perfluorononanoic acid (PFNA)	1.90 U	1.40 U	1.40 U	1.40 U	0.580 J
Perfluorooctanesulfonic acid (PFOS)	3.70 U	2.80 U	2.90 U	2.80 U	2.80 U
Perfluorooctanoic acid (PFOA)	5.10	1.40 U	1.40 U	4.80	16.0 J
Perfluorotetradecanoic acid (PFTA)	3.70 U	2.80 U	2.90 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.70 U	2.80 U	2.90 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.90 U	1.40 U	1.40 U	1.40 U	1.40 U

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	74VP-18-13	74VP-18-13	74VP-18-13	74VP-18-13	74VP-18-13
Locations: 74VP-18-13	74VP-18-13	74VP-18-13	74VP-18-13	74VP-18-13	74VP-18-13
Field Sample ID: 74VP-18-13-32-36	74VP-18-13-42-46	74VP-18-13-52-56	74VP-18-13-62-66	74VP-18-13-72-76	
Sample Begin Depth: 32.00	42.00	52.00	62.00	72.00	
Sample End Depth: 36.00	46.00	56.00	66.00	76.00	
Sample Date: 12/12/2018	12/12/2018	12/12/2018	12/12/2018	12/12/2018	
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)	9.60 U	9.30 U	9.20 U	9.10 U	9.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.30 U	9.20 U	9.10 U	9.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.30 U	9.20 U	9.10 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	0.740 J	0.930 U	0.920 U	0.460 J	0.940 U
Perfluorodecanoic acid (PFDA)	0.960 U	0.930 U	0.920 U	0.910 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)	1.50 J	1.30 J	1.00 J	5.20	0.750 J
Perfluorohexanesulfonic acid (PFHxS)	1.90 U	1.90 U	1.80 U	1.90	1.90 U
Perfluorohexanoic acid (PFHxA)	3.10	1.10 J	0.670 J	8.60	2.40
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	0.560 J	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.80 U	2.80 U	2.70 U	2.80 U
Perfluorooctanoic acid (PFOA)	4.60 J	3.80 J	5.30 J	11.0 J	1.40 J
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.80 U	2.70 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: 74VP-18-13	74VP-18-13 (FD)	74VP-19-01	74VP-19-01	74VP-19-01
Field Sample ID:	74VP-18-13-78.5-82.5	A1-VP-DUP-R2-121218	74VP-19-01-102-106	74VP-19-01-22-26	74VP-19-01-32-36
Sample Begin Depth:	78.50	62.00	102.00	22.00	32.00
Sample End Depth:	82.50	66.00	106.00	26.00	36.00
Sample Date:	12/13/2018	12/12/2018	02/22/2019	02/20/2019	02/20/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	33.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.30 U	17.0 U	9.10 U	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.30 U	17.0 U	9.10 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.30 U	17.0 U	9.10 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	0.920 U	0.540 J	1.70 U	21.0	3.10
Perfluorodecanoic acid (PFDA)	0.920 U	0.930 U	1.70 U	0.910 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	2.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.70 J	5.90	1.10 J	47.0	14.0
Perfluorohexanesulfonic acid (PFHxS)	1.80 U	1.90 U	1.70 U	5.40	4.50
Perfluorohexanoic acid (PFHxA)	4.00	7.90	1.30 J	81.0	15.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	2.50 U	1.40 U	0.960 J
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.80 U	5.00 U	2.70 U	2.10 J
Perfluorooctanoic acid (PFOA)	2.00	11.0 J	2.50 U	13.0	12.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	5.00 U	2.70 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	5.00 U	2.70 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	2.50 U	1.40 U	1.40 U

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	74VP-19-01	74VP-19-01	74VP-19-01	74VP-19-01	74VP-19-01
Locations: 74VP-19-01	74VP-19-01	74VP-19-01	74VP-19-01	74VP-19-01	74VP-19-01
Field Sample ID: 74VP-19-01-42-46	74VP-19-01-52-56	74VP-19-01-62-66	74VP-19-01-72-76	74VP-19-01-82-86	
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: 02/21/2019	02/21/2019	02/21/2019	02/21/2019	02/21/2019	
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	19.0 U	19.0 U	26.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	9.50 U	9.50 U	9.40 U	13.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	9.50 U	9.50 U	9.40 U	13.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	9.50 U	9.50 U	9.40 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	10.0	0.770 J	0.970 J	0.790 J	1.30 U
Perfluorodecanoic acid (PFDA)	0.990 U	0.950 U	0.950 U	0.940 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.40 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	18.0	0.930 J	2.00	1.40 U	1.90 U
Perfluorohexanesulfonic acid (PFHxS)	3.10	2.90	16.0	0.720 J	1.30 U
Perfluorohexanoic acid (PFHxA)	50.0	0.900 J	4.40	0.940 U	1.30 U
Perfluorononanoic acid (PFNA)	1.80 J	1.40 U	1.40 U	1.40 U	1.90 U
Perfluorooctanesulfonic acid (PFOS)	1.70 J	2.70 J	2.90 U	2.80 U	3.90 U
Perfluorooctanoic acid (PFOA)	12.0	2.80	3.50	1.40 U	1.90 U
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.90 U	2.90 U	2.80 U	3.90 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.90 U	2.90 U	2.80 U	3.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.40 U	1.90 U

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	Locations: 74VP-19-01	74VP-19-01 (FD)	74VP-19-02	74VP-19-02	74VP-19-02
Field Sample ID:	74VP-19-01-92-96	A1-VP-DUP-R1-22119	74VP-19-02-37-41	74VP-19-02-47-51	74VP-19-02-57-61
Sample Begin Depth:	92.00	42.00	37.00	47.00	57.00
Sample End Depth:	96.00	46.00	41.00	51.00	61.00
Sample Date:	02/22/2019	02/21/2019	02/20/2019	02/20/2019	02/20/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	20.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	10.0 U	9.60 U	9.30 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	10.0 U	9.60 U	9.30 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	10.0 U	9.60 U	9.30 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	0.980 U	10.0	0.960 U	1.00 J	0.930 U
Perfluorodecanoic acid (PFDA)	0.980 U	0.830 J	0.960 U	0.930 U	0.930 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	18.0	1.40 U	2.20	1.30 J
Perfluorohexanesulfonic acid (PFHxS)	0.980 U	2.90	0.940 J	4.20	1.60 J
Perfluorohexanoic acid (PFHxA)	0.980 U	49.0	0.960 U	1.50 J	7.50
Perfluorononanoic acid (PFNA)	1.50 U	2.10	1.40 U	1.90 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.30 J	2.90 U	1.80 J	2.80 U
Perfluorooctanoic acid (PFOA)	1.50 U	13.0	1.40 U	4.60	1.50 J
Perfluorotetradecanoic acid (PFTA)	2.90 U	3.00 U	2.90 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	3.00 U	2.90 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.40 U	1.40 U	1.40 U

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	Locations: 74VP-19-02	74VP-19-02	74VP-19-02	74VP-19-02	74VP-19-02 (FD)
Field Sample ID:	74VP-19-02-67-71	74VP-19-02-77-81	74VP-19-02-87-91	74VP-19-02-97-101	A1-VP-DUP-R2-022019
Sample Begin Depth:	67.00	77.00	87.00	97.00	47.00
Sample End Depth:	71.00	81.00	91.00	101.00	51.00
Sample Date:	02/20/2019	02/21/2019	02/21/2019	02/22/2019	02/20/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	31.0 U	31.0 U	21.0 U	32.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	16.0 U	16.0 U	10.0 U	16.0 U	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	16.0 U	16.0 U	10.0 U	16.0 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	16.0 U	16.0 U	10.0 U	16.0 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	1.60 U	1.60 U	1.00 U	1.60 U	0.970 J
Perfluorodecanoic acid (PFDA)	3.10 U	1.60 U	1.00 U	1.60 U	0.980 U
Perfluorododecanoic acid (PFDoA)	2.40 U	2.30 U	1.60 U	2.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	2.40 U	2.30 U	1.60 U	2.40 U	2.20
Perfluorohexanesulfonic acid (PFHxS)	1.60 U	1.60 U	1.00 U	1.60 U	4.20
Perfluorohexanoic acid (PFHxA)	1.60 U	1.60 U	1.00 U	1.60 U	1.20 J
Perfluorononanoic acid (PFNA)	3.10 U	2.30 U	1.60 U	2.40 U	2.00 U
Perfluorooctanesulfonic acid (PFOS)	4.70 U	4.70 U	3.10 U	4.90 U	1.10 J
Perfluorooctanoic acid (PFOA)	2.40 U	2.30 U	1.60 U	2.40 U	4.40
Perfluorotetradecanoic acid (PFTA)	4.70 U	4.70 U	3.10 U	4.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	4.70 U	4.70 U	3.10 U	4.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	2.40 U	2.30 U	1.60 U	2.40 U	1.50 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

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

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	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

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	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

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	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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	75VP-18-07	75VP-18-07	75VP-18-07	75VP-18-07	75VP-18-07
Locations: 75VP-18-07	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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	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)
Field Sample ID:	75VP-19-04-22-26	75VP-19-04-32-36	75VP-19-04-41-45	A1-VP-DUP-021119
Sample Begin Depth:	22.00	32.00	41.00	32.00
Sample End Depth:	26.00	36.00	45.00	36.00
Sample Date:	02/11/2019	02/11/2019	02/11/2019	02/11/2019
PFAS (ng/L)				
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	20.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.90 U	8.40 J	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.90 U	9.30 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.90 U	9.30 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	1.50 J	1.60 J	1.40 J	1.60 J
Perfluorodecanoic acid (PFDA)	1.00 U	0.990 U	0.930 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	28.0	26.0	21.0	26.0
Perfluorohexanesulfonic acid (PFHxS)	36.0	28.0	21.0	26.0
Perfluorohexanoic acid (PFHxA)	20.0	17.0	13.0	17.0
Perfluorononanoic acid (PFNA)	2.70	3.90	3.70	3.90
Perfluorooctanesulfonic acid (PFOS)	38.0	77.0	71.0	75.0
Perfluorooctanoic acid (PFOA)	28.0	24.0	23.0	23.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.00 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.00 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.40 U	1.50 U

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KOMAN, PFAS RI, Vertical Profile Samples-Area 1

Grove Pond Area

	Locations: GPVP-18-01	GPVP-18-01	GPVP-18-02	GPVP-18-02	GPVP-18-02
Field Sample ID:	GPVP-18-01-17-21	GPVP-18-01-22-26	GPVP-18-02-12-16	GPVP-18-02-22-26	GPVP-18-02-32-36
Sample Begin Depth:	17.00	22.00	12.00	22.00	32.00
Sample End Depth:	21.00	26.00	16.00	26.00	36.00
Sample Date:	03/06/2019	03/06/2019	02/28/2019	02/28/2019	02/28/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.20 U	9.50 U	9.40 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.50 U	9.40 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.50 U	9.40 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	6.40	6.70	15.0	1.50 J	1.40 J
Perfluorodecanoic acid (PFDA)	0.920 U	1.00 J	0.950 U	0.940 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)	2.20	3.60	4.70	1.50 J	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	2.60	2.40	4.90	3.40	5.20
Perfluorohexanoic acid (PFHxA)	4.10	5.00	8.40	2.30	0.920 U
Perfluorononanoic acid (PFNA)	1.40 U	1.10 J	1.40 U	2.20	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.40 J	4.00	3.70 J	13.0	5.50
Perfluorooctanoic acid (PFOA)	7.50	10.0	8.00	5.90	2.60
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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	GPVP-18-02	GPVP-18-02 (FD)	GPVP-18-03	GPVP-18-03	GPVP-18-03
Locations:	GPVP-18-02	GPVP-18-02 (FD)	GPVP-18-03	GPVP-18-03	GPVP-18-03
Field Sample ID:	GPVP-18-02-38-42	A1-VP-DUP-R1-22819	GPVP-18-03-17-21	GPVP-18-03-27-31	GPVP-18-03-37-41
Sample Begin Depth:	38.00	32.00	17.00	27.00	37.00
Sample End Depth:	42.00	36.00	21.00	31.00	41.00
Sample Date:	02/28/2019	02/28/2019	03/05/2019	03/05/2019	03/05/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.20 U	9.10 U	9.30 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.20 U	9.10 U	9.30 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.20 U	9.10 U	9.30 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	1.40 J	1.40 J	4.90	6.10	1.40 J
Perfluorodecanoic acid (PFDA)	0.910 U	0.920 U	0.910 U	0.930 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)	1.40 U	1.40 U	8.10	5.80	3.50
Perfluorohexanesulfonic acid (PFHxS)	5.00	5.10	4.00	7.40	2.70
Perfluorohexanoic acid (PFHxA)	0.460 J	0.920 U	8.50	10.0	5.10
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	0.660 J
Perfluorooctanesulfonic acid (PFOS)	5.40	5.40	3.20 J	2.80 U	9.60
Perfluorooctanoic acid (PFOA)	2.50	2.20	16.0	6.60	11.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.70 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.70 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: GPVP-18-03	GPVP-18-03 (FD)	GPVP-18-04	GPVP-18-05	GPVP-18-05
Field Sample ID:	GPVP-18-03-42-46	A1-VP-DUP-R2-030519	GPVP-18-04-17-21	GPVP-18-05-37-41	GPVP-18-05-47-51
Sample Begin Depth:	42.00	42.00	17.00	37.00	47.00
Sample End Depth:	46.00	46.00	21.00	41.00	51.00
Sample Date:	03/05/2019	03/05/2019	02/28/2019	02/11/2019	02/12/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	20.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.20 U	9.90 U	9.00 U	9.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.20 U	9.90 U	9.00 U	9.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.20 U	9.90 U	9.00 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	1.30 J	1.10 J	1.90 J	1.90	1.90
Perfluorodecanoic acid (PFDA)	0.910 U	0.920 U	0.990 U	0.900 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)	1.90	2.00	1.50 U	3.50	2.50
Perfluorohexanesulfonic acid (PFHxS)	3.10	3.10	2.40	6.90	6.60
Perfluorohexanoic acid (PFHxA)	2.60	2.70	0.990 U	6.00	4.90
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	0.940 J	1.60 J
Perfluorooctanesulfonic acid (PFOS)	7.40	7.40	3.00 U	6.20	11.0
Perfluorooctanoic acid (PFOA)	8.40	8.50	1.50 U	7.60	4.70
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	3.00 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	3.00 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.40 U	1.40 U

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	GPVP-18-05	GPVP-18-05	GPVP-18-05	GPVP-18-05	GPVP-18-05
Locations:	GPVP-18-05	GPVP-18-05	GPVP-18-05	GPVP-18-05	GPVP-18-05
Field Sample ID:	GPVP-18-05-57-61	GPVP-18-05-67-71	GPVP-18-05-77-81	GPVP-18-05-87-91	GPVP-18-05-94-98
Sample Begin Depth:	57.00	67.00	77.00	87.00	94.00
Sample End Depth:	61.00	71.00	81.00	91.00	98.00
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)	19.0 U	18.0 U	19.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.10 U	9.30 U	9.00 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.10 U	9.30 U	9.00 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.10 U	9.30 U	9.00 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	1.90	0.870 J	0.930 U	0.870 J	0.750 J
Perfluorodecanoic acid (PFDA)	0.940 U	0.910 U	0.930 U	0.900 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.80	0.790 J	0.730 J	1.70 J	2.00
Perfluorohexanesulfonic acid (PFHxS)	7.30	5.80	3.00	6.10	5.30
Perfluorohexanoic acid (PFHxA)	13.0	1.30 J	1.50 J	3.40	4.00
Perfluorononanoic acid (PFNA)	1.80 J	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	12.0	6.40	3.20 J	4.50	3.50 J
Perfluorooctanoic acid (PFOA)	15.0	4.80	2.50	6.30	5.50
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.80 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.80 U	2.70 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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	GPVP-18-06	GPVP-18-06	GPVP-18-06	GPVP-18-06	GPVP-18-06
Locations:	GPVP-18-06	GPVP-18-06	GPVP-18-06	GPVP-18-06	GPVP-18-06
Field Sample ID:	GPVP-18-06-102-106	GPVP-18-06-112-116	GPVP-18-06-122-126	GPVP-18-06-128-132	GPVP-18-06-42-46
Sample Begin Depth:	102.00	112.00	122.00	128.00	42.00
Sample End Depth:	106.00	116.00	126.00	132.00	46.00
Sample Date:	12/11/2018	12/11/2018	12/11/2018	12/12/2018	12/10/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	22.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.30 U	9.70 U	11.0 U	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.30 U	9.70 U	11.0 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.30 U	9.70 U	11.0 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	0.960 U	0.930 U	0.970 U	1.10 U	2.20
Perfluorodecanoic acid (PFDA)	0.960 U	0.930 U	0.970 U	1.10 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.60 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	1.50 U	1.60 U	0.670 J
Perfluorohexanesulfonic acid (PFHxS)	0.960 U	0.930 U	0.970 U	1.10 U	2.40
Perfluorohexanoic acid (PFHxA)	0.960 U	0.930 U	0.970 U	1.10 U	3.50
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	1.60 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.80 U	2.90 U	3.20 U	2.90 U
Perfluorooctanoic acid (PFOA)	1.40 U	1.40 U	1.50 U	1.60 U	0.690 J
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.90 U	3.20 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.90 U	3.20 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.60 U	1.50 U

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	Locations: GPVP-18-06	GPVP-18-06	GPVP-18-06	GPVP-18-06	GPVP-18-06
Field Sample ID:	GPVP-18-06-52-56	GPVP-18-06-62-66	GPVP-18-06-72-76	GPVP-18-06-82-86	GPVP-18-06-92-96
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:	12/10/2018	12/10/2018	12/10/2018	12/10/2018	12/11/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	23.0 U	19.0 U	18.0 U	28.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	9.70 U	8.90 U	14.0 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.70 U	8.90 U	14.0 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.70 U	8.90 U	14.0 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	1.70 J	0.880 J	0.450 J	1.40 U	0.900 U
Perfluorodecanoic acid (PFDA)	1.20 U	0.970 U	0.890 U	1.40 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.70 U	1.50 U	1.30 U	2.10 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	1.70 U	1.80 J	1.30 U	2.10 U	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	2.30 U	2.90	1.80 U	1.40 U	0.900 U
Perfluorohexanoic acid (PFHxA)	2.90	2.60	0.530 J	1.40 U	0.900 U
Perfluorononanoic acid (PFNA)	1.70 U	1.10 J	1.30 U	2.10 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	3.50 U	12.0	2.70 U	4.20 U	2.70 U
Perfluorooctanoic acid (PFOA)	0.850 J	7.30	0.510 J	2.10 U	1.30 U
Perfluorotetradecanoic acid (PFTA)	3.50 U	2.90 U	2.70 U	4.20 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.50 U	2.90 U	2.70 U	4.20 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.70 U	1.50 U	1.30 U	2.10 U	1.30 U

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	GPVP-18-06 (FD)	GPVP-18-07	GPVP-18-07	GPVP-18-07	GPVP-18-07
Locations:	GPVP-18-06 (FD)	GPVP-18-07	GPVP-18-07	GPVP-18-07	GPVP-18-07
Field Sample ID:	A1-VP-DUP-R1-121018	GPVP-18-07-102-106	GPVP-18-07-111-115	GPVP-18-07-42-46	GPVP-18-07-52-56
Sample Begin Depth:	62.00	102.00	111.00	42.00	52.00
Sample End Depth:	66.00	106.00	115.00	46.00	56.00
Sample Date:	12/10/2018	10/31/2018	10/31/2018	10/30/2018	10/30/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	26.0 U	680 U	580 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.40 U	13.0 U	11.0 U	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.40 U	13.0 U	11.0 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.40 U	13.0 U	11.0 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	0.920 J	0.940 U	1.30 U	3.10	2.90
Perfluorodecanoic acid (PFDA)	0.930 U	0.940 U	1.30 U	1.10 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 UJ	1.90 UJ	1.70 UJ	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	1.70 J	1.40 U	1.70 J	21.0	16.0
Perfluorohexanesulfonic acid (PFHxS)	3.00	0.940 U	0.970 J	9.20	8.70
Perfluorohexanoic acid (PFHxA)	2.60	0.940 U	3.20	88.0	53.0
Perfluorononanoic acid (PFNA)	1.10 J	1.40 U	1.90 U	1.70 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	12.0	2.80 U	3.80 U	2.30 J	2.20 J
Perfluorooctanoic acid (PFOA)	7.10	1.40 U	2.90	10.0	11.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	3.80 U	3.30 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	3.80 U	3.30 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.90 U	1.70 U	1.40 U

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	GPVP-18-07	GPVP-18-07	GPVP-18-07	GPVP-18-07	GPVP-18-07 (FD)
Locations:	GPVP-18-07	GPVP-18-07	GPVP-18-07	GPVP-18-07	GPVP-18-07 (FD)
Field Sample ID:	GPVP-18-07-62-66	GPVP-18-07-72-76	GPVP-18-07-82-86	GPVP-18-07-92-96	A1-VP-DUP-R1-103018
Sample Begin Depth:	62.00	72.00	82.00	92.00	62.00
Sample End Depth:	66.00	76.00	86.00	96.00	66.00
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)	670 U	610 U	640 U	19.0 U	620 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.90 U	9.30 U	9.50 U	10.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.90 U	9.30 U	9.50 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.90 U	9.30 U	9.50 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	2.30	2.00	0.930 U	0.950 U	2.20
Perfluorodecanoic acid (PFDA)	1.00 U	0.990 U	0.930 U	0.950 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	1.50 UJ	1.40 UJ	1.40 UJ	1.50 UJ
Perfluoroheptanoic acid (PFHpA)	16.0	15.0	1.40 U	1.40 U	14.0
Perfluorohexanesulfonic acid (PFHxS)	5.40	5.00	0.930 U	0.950 U	5.30
Perfluorohexanoic acid (PFHxA)	22.0	24.0	0.930 U	0.950 U	22.0
Perfluorononanoic acid (PFNA)	0.700 J	1.50 U	1.40 U	0.560 J	0.870 J
Perfluorooctanesulfonic acid (PFOS)	2.60 J	1.80 J	2.80 U	2.90 U	2.70 J
Perfluorooctanoic acid (PFOA)	21.0	21.0	1.40 U	1.40 U	20.0
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	1.40 U	1.50 U

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	GPVP-18-08	GPVP-18-08	GPVP-18-08	GPVP-18-08	GPVP-18-08
Locations:	GPVP-18-08	GPVP-18-08	GPVP-18-08	GPVP-18-08	GPVP-18-08
Field Sample ID:	GPVP-18-08-102-106	GPVP-18-08-112-116	GPVP-18-08-122-126	GPVP-18-08-132-136	GPVP-18-08-42-46
Sample Begin Depth:	102.00	112.00	122.00	132.00	42.00
Sample End Depth:	106.00	116.00	126.00	136.00	46.00
Sample Date:	11/01/2018	11/02/2018	11/02/2018	11/02/2018	11/01/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	34.0 U	18.0 U	22.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	17.0 U	8.90 U	11.0 U	9.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	17.0 U	8.90 U	11.0 U	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	17.0 U	8.90 U	11.0 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	1.10 U	1.70 U	0.890 U	1.10 U	2.90
Perfluorodecanoic acid (PFDA)	1.10 U	1.70 U	0.890 U	1.10 U	2.20
Perfluorododecanoic acid (PFDoA)	1.60 U	2.60 UJ	1.30 UJ	1.70 UJ	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.60 U	2.60 U	1.30 U	1.70 U	48.0
Perfluorohexanesulfonic acid (PFHxS)	1.10 U	1.70 U	0.890 U	1.10 U	6.30
Perfluorohexanoic acid (PFHxA)	1.10 U	1.70 U	0.890 U	1.10 U	97.0
Perfluorononanoic acid (PFNA)	1.60 U	2.60 U	1.30 U	1.70 U	1.30 J
Perfluorooctanesulfonic acid (PFOS)	3.20 U	5.10 U	2.70 U	3.30 U	9.90
Perfluorooctanoic acid (PFOA)	1.60 U	2.60 U	1.30 U	1.70 U	28.0
Perfluorotetradecanoic acid (PFTA)	3.20 U	5.10 U	2.70 U	3.30 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.20 U	5.10 U	2.70 U	3.30 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	2.60 U	1.30 U	1.70 U	1.50 U

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	GPVP-18-08	GPVP-18-08	GPVP-18-08	GPVP-18-08	GPVP-18-08
Locations:	GPVP-18-08	GPVP-18-08	GPVP-18-08	GPVP-18-08	GPVP-18-08
Field Sample ID:	GPVP-18-08-52-56	GPVP-18-08-62-66	GPVP-18-08-72-76	GPVP-18-08-82-86	GPVP-18-08-92-96
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:	11/01/2018	11/01/2018	11/01/2018	11/01/2018	11/01/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	20.0 U	24.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	9.70 U	9.80 U	12.0 U	11.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.70 U	9.70 U	9.80 U	12.0 U	11.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.70 U	9.80 U	12.0 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	3.40	6.30	6.00	4.40	1.10 U
Perfluorodecanoic acid (PFDA)	2.80	3.20	0.980 U	1.20 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.50 U	1.80 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	75.0	80.0	54.0	28.0	1.60 U
Perfluorohexanesulfonic acid (PFHxS)	8.40	12.0	12.0	12.0	1.10 U
Perfluorohexanoic acid (PFHxA)	110	160	160	88.0	1.10 U
Perfluorononanoic acid (PFNA)	2.30	2.80	0.880 J	1.80 U	1.60 U
Perfluorooctanesulfonic acid (PFOS)	20.0	17.0	4.60	2.10 J	3.20 U
Perfluorooctanoic acid (PFOA)	43.0	42.0	18.0	9.20	1.60 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.90 U	3.60 U	3.20 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.90 U	3.60 U	3.20 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.50 U	1.80 U	1.60 U

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	GPVP-18-09	GPVP-18-09	GPVP-18-09	GPVP-18-09	GPVP-18-09
Locations:	GPVP-18-09	GPVP-18-09	GPVP-18-09	GPVP-18-09	GPVP-18-09
Field Sample ID:	GPVP-18-09-102-106	GPVP-18-09-112-116	GPVP-18-09-122-126	GPVP-18-09-132-136	GPVP-18-09-142-146
Sample Begin Depth:	102.00	112.00	122.00	132.00	142.00
Sample End Depth:	106.00	116.00	126.00	136.00	146.00
Sample Date:	11/02/2018	11/02/2018	11/02/2018	11/05/2018	11/05/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	17.0 U	19.0 U	25.0 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.80 U	9.20 U	8.70 U	9.60 U	13.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.80 U	9.20 U	8.70 U	9.60 U	4.80 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.80 U	9.20 U	8.70 U	9.60 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	1.70 J	0.920 U	0.870 U	0.960 U	3.70
Perfluorodecanoic acid (PFDA)	0.880 U	0.920 U	0.870 U	0.960 U	8.60
Perfluorododecanoic acid (PFDoA)	1.30 UJ	1.40 UJ	1.30 UJ	1.40 UJ	2.00 UJ
Perfluoroheptanoic acid (PFHpA)	4.00	3.90	1.30 U	1.40 U	84.0
Perfluorohexanesulfonic acid (PFHxS)	14.0	1.30 J	0.870 U	0.960 U	13.0
Perfluorohexanoic acid (PFHxA)	7.80	4.60	0.870 U	0.960 U	100
Perfluorononanoic acid (PFNA)	1.30 U	1.40 U	1.30 U	1.40 U	2.70
Perfluorooctanesulfonic acid (PFOS)	2.60 U	2.80 U	2.60 U	2.90 U	15.0
Perfluorooctanoic acid (PFOA)	5.50	2.60	1.30 U	1.40 U	55.0
Perfluorotetradecanoic acid (PFTA)	2.60 U	2.80 U	2.60 U	2.90 U	4.00 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	2.80 U	2.60 U	2.90 U	4.00 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.30 U	1.40 U	2.00 U

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	GPVP-18-09	GPVP-18-09	GPVP-18-09	GPVP-18-09	GPVP-18-09
Locations:	GPVP-18-09	GPVP-18-09	GPVP-18-09	GPVP-18-09	GPVP-18-09
Field Sample ID:	GPVP-18-09-42-46	GPVP-18-09-52-56	GPVP-18-09-62-66	GPVP-18-09-72-76	GPVP-18-09-82-86
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:	10/31/2018	11/01/2018	11/01/2018	11/01/2018	11/01/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	11.0 J	11.0 J	7.90 J	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	3.40 J	9.80 U	9.40 U	9.30 U	9.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.80 U	9.40 U	9.30 U	9.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.80 U	9.40 U	9.30 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	5.90	5.90	5.60	5.50	4.60
Perfluorodecanoic acid (PFDA)	5.60	3.80	3.30	6.70	0.940 U
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.50 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	170	170	170	160	9.70
Perfluorohexanesulfonic acid (PFHxS)	15.0	13.0	14.0	13.0	41.0
Perfluorohexanoic acid (PFHxA)	190	200	200	170	28.0
Perfluorononanoic acid (PFNA)	5.20	4.50	5.10	4.20	1.40 U
Perfluorooctanesulfonic acid (PFOS)	23.0	19.0	25.0	22.0	3.40 J
Perfluorooctanoic acid (PFOA)	120	110	110	97.0	13.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.90 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.90 U	2.80 U	2.80 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: GPVP-18-09	GPVP-18-09 (FD)	GPVP-18-09 (FD)	GPVP-18-10	GPVP-18-10
Field Sample ID:	GPVP-18-09-92-96	A1-VP-DUP-R2-11012018	A1-VP-DUP-R2-11022018	GPVP-18-10-102-106	GPVP-18-10-112-116
Sample Begin Depth:	92.00	52.00	102.00	102.00	112.00
Sample End Depth:	96.00	56.00	106.00	106.00	116.00
Sample Date:	11/01/2018	11/01/2018	11/02/2018	11/07/2018	11/07/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	11.0 J	18.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.30 U	8.80 U	9.60 U	8.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.30 U	8.80 U	9.60 U	8.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.30 U	8.80 U	9.60 U	8.80 U
Perfluorobutanesulfonic acid (PFBS)	3.10	6.10	1.70 J	1.30 J	0.880 U
Perfluorodecanoic acid (PFDA)	0.960 U	4.40	0.880 U	1.50 J	0.880 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.30 UJ	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	10.0	180	2.90	51.0	0.810 J
Perfluorohexanesulfonic acid (PFHxS)	38.0	15.0	14.0	2.50	0.880 U
Perfluorohexanoic acid (PFHxA)	23.0	210	7.20	56.0	0.940 J
Perfluorononanoic acid (PFNA)	1.40 U	4.70	1.30 U	1.80 J	1.30 U
Perfluorooctanesulfonic acid (PFOS)	1.70 J	21.0	2.60 U	3.60 J	2.60 U
Perfluorooctanoic acid (PFOA)	13.0	120	4.80	27.0	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.60 U	2.90 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.60 U	2.90 U	2.60 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.30 U	1.40 U	1.30 U

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	Locations: GPVP-18-10	GPVP-18-10	GPVP-18-10	GPVP-18-10	GPVP-18-10
Field Sample ID:	GPVP-18-10-122-126	GPVP-18-10-130.5-134.5	GPVP-18-10-22-26	GPVP-18-10-32-36	GPVP-18-10-42-46
Sample Begin Depth:	122.00	130.50	22.00	32.00	42.00
Sample End Depth:	126.00	134.50	26.00	36.00	46.00
Sample Date:	11/07/2018	11/08/2018	11/06/2018	11/06/2018	11/06/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	25.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	12.0 U	9.50 U	9.50 U	9.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	12.0 U	9.50 U	9.50 UJ	9.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	12.0 U	9.50 U	9.50 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	1.20 U	2.30 J	4.20	4.50	4.60
Perfluorodecanoic acid (PFDA)	1.20 U	3.00	8.70	6.30 J	6.00
Perfluorododecanoic acid (PFDoA)	1.80 U	1.90 U	1.40 UJ	1.40 UJ	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	1.80 U	83.0	190	200	190
Perfluorohexanesulfonic acid (PFHxS)	1.20 U	5.20	9.60	9.20	9.10
Perfluorohexanoic acid (PFHxA)	1.20 U	97.0	0.950 U	210	200
Perfluorononanoic acid (PFNA)	1.80 U	3.20	8.70	7.70	8.60
Perfluorooctanesulfonic acid (PFOS)	3.60 U	8.90	23.0	19.0 J	19.0
Perfluorooctanoic acid (PFOA)	1.80 U	47.0	110	120	110
Perfluorotetradecanoic acid (PFTA)	3.60 U	3.70 U	2.90 U	2.90 UJ	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.60 U	3.70 U	2.90 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.90 U	1.40 U	1.40 U	1.40 U

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	GPVP-18-10	GPVP-18-10	GPVP-18-10	GPVP-18-10	GPVP-18-10
Locations:	GPVP-18-10	GPVP-18-10	GPVP-18-10	GPVP-18-10	GPVP-18-10
Field Sample ID:	GPVP-18-10-52-56	GPVP-18-10-62-66	GPVP-18-10-72-76	GPVP-18-10-82-86	GPVP-18-10-92-96
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:	11/06/2018	11/06/2018	11/06/2018	11/07/2018	11/07/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	9.20 J	7.80 J	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.50 U	9.50 U	8.90 U	8.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.50 U	9.50 U	8.90 U	8.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.50 U	9.50 U	8.90 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	4.80	5.90	6.30	1.00 J	0.890 U
Perfluorodecanoic acid (PFDA)	5.00	3.80	3.50	0.890 U	0.890 U
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.40 UJ	1.40 UJ	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	190	220	210	2.20	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	9.40	11.0	10.0	6.10	0.890 U
Perfluorohexanoic acid (PFHxA)	210	270	280	4.30	0.890 U
Perfluorononanoic acid (PFNA)	7.50	6.70	4.20	1.30 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	17.0	17.0	14.0	2.70 U	2.70 U
Perfluorooctanoic acid (PFOA)	110	120	90.0	2.00	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 U	2.70 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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	GPVP-18-10 (FD)	GPVP-18-11	GPVP-18-11	GPVP-18-11	GPVP-18-11
Locations:	GPVP-18-10 (FD)	GPVP-18-11	GPVP-18-11	GPVP-18-11	GPVP-18-11
Field Sample ID:	A1-VP-DUP-R2-11072018	GPVP-18-11-102-106	GPVP-18-11-112-116	GPVP-18-11-120-124	GPVP-18-11-22-26
Sample Begin Depth:	92.00	102.00	112.00	120.00	22.00
Sample End Depth:	96.00	106.00	116.00	124.00	26.00
Sample Date:	11/07/2018	11/06/2018	11/06/2018	11/06/2018	11/05/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.90 U	9.50 U	9.70 U	9.60 U	9.60 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.90 U	9.50 U	9.70 U	9.60 U	9.60 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.90 U	9.50 U	9.70 U	9.60 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	0.890 U	0.950 U	0.970 U	0.960 U	6.10
Perfluorodecanoic acid (PFDA)	0.890 U	0.950 U	0.970 U	0.960 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 UJ	1.50 UJ	1.40 UJ	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	1.30 U	1.40 U	1.50 U	1.40 U	200
Perfluorohexanesulfonic acid (PFHxS)	0.890 U	1.70 J	1.60 J	1.40 J	23.0
Perfluorohexanoic acid (PFHxA)	0.890 U	0.950 U	0.970 U	0.960 U	220
Perfluorononanoic acid (PFNA)	1.30 U	1.40 U	1.50 U	1.40 U	1.20 J
Perfluorooctanesulfonic acid (PFOS)	2.70 U	2.90 U	2.90 U	2.90 U	6.00
Perfluorooctanoic acid (PFOA)	1.30 U	1.40 U	1.50 U	1.40 U	99.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.90 U	2.90 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.90 U	2.90 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.50 U	1.40 U	1.40 U

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	GPVP-18-11	GPVP-18-11	GPVP-18-11	GPVP-18-11	GPVP-18-11
Locations:	GPVP-18-11	GPVP-18-11	GPVP-18-11	GPVP-18-11	GPVP-18-11
Field Sample ID:	GPVP-18-11-32-36	GPVP-18-11-42-46	GPVP-18-11-52-56	GPVP-18-11-62-66	GPVP-18-11-72-76
Sample Begin Depth:	32.00	42.00	52.00	62.00	72.00
Sample End Depth:	36.00	46.00	56.00	66.00	76.00
Sample Date:	11/05/2018	11/05/2018	11/05/2018	11/05/2018	11/05/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	15.0 J	19.0 U	22.0 U	20.0 U	24.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	9.70 U	11.0 U	9.80 U	12.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	9.70 U	11.0 U	9.80 U	12.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.70 U	11.0 U	9.80 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	3.00	1.30 J	0.800 J	0.980 U	1.20 U
Perfluorodecanoic acid (PFDA)	0.970 U	0.970 U	1.10 U	0.980 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	1.50 UJ	1.60 UJ	1.50 UJ	1.80 UJ
Perfluoroheptanoic acid (PFHpA)	49.0	1.30 J	0.700 J	1.50 U	1.80 U
Perfluorohexanesulfonic acid (PFHxS)	17.0	7.50	2.40	0.980 U	0.830 J
Perfluorohexanoic acid (PFHxA)	89.0	4.30	1.20 J	0.980 U	0.710 J
Perfluorononanoic acid (PFNA)	0.730 J	1.50 U	1.60 U	1.50 U	1.80 U
Perfluorooctanesulfonic acid (PFOS)	12.0	2.90 U	3.20 U	2.90 U	3.50 U
Perfluorooctanoic acid (PFOA)	24.0	1.20 J	1.60 U	1.50 U	1.80 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	3.20 U	2.90 U	3.50 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	3.20 U	2.90 U	3.50 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.60 U	1.50 U	1.80 U

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	Locations: GPVP-18-11	GPVP-18-11	GPVP-18-11 (FD)	GPVP-18-11 (FD)	GPVP-18-12
Field Sample ID:	GPVP-18-11-82-86	GPVP-18-11-92-96	A1-VP-DUP-R1-110518	A1-VP-DUP-R1-110618	GPVP-18-12-100-104
Sample Begin Depth:	82.00	92.00	42.00	102.00	100.00
Sample End Depth:	86.00	96.00	46.00	106.00	104.00
Sample Date:	11/05/2018	11/06/2018	11/05/2018	11/06/2018	12/04/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	28.0 U	19.0 U	21.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	14.0 U	9.50 U	11.0 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	14.0 U	9.50 U	11.0 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	14.0 U	9.50 U	11.0 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	0.980 U	0.900 J	1.40 J	1.10 U	1.30 J
Perfluorodecanoic acid (PFDA)	0.980 U	1.40 U	0.950 U	1.10 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.50 UJ	2.10 UJ	1.40 UJ	1.60 UJ	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	2.10 U	1.40 J	1.60 U	2.50
Perfluorohexanesulfonic acid (PFHxS)	1.50 J	1.80 J	7.40	1.80 J	8.60
Perfluorohexanoic acid (PFHxA)	0.980 U	0.780 J	4.00	1.10 U	3.70
Perfluorononanoic acid (PFNA)	1.50 U	2.10 U	1.40 U	1.60 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	4.20 U	2.90 U	3.20 U	7.20
Perfluorooctanoic acid (PFOA)	1.50 U	2.10 U	1.40 J	1.60 U	2.50
Perfluorotetradecanoic acid (PFTA)	2.90 U	4.20 U	2.90 U	3.20 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	4.20 U	2.90 U	3.20 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	2.10 U	1.40 U	1.60 U	1.40 U

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	GPVP-18-12	GPVP-18-12	GPVP-18-12	GPVP-18-12	GPVP-18-12
Locations:	GPVP-18-12	GPVP-18-12	GPVP-18-12	GPVP-18-12	GPVP-18-12
Field Sample ID:	GPVP-18-12-12-16	GPVP-18-12-22-26	GPVP-18-12-32-36	GPVP-18-12-42-46	GPVP-18-12-52-56
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:	12/03/2018	12/03/2018	12/03/2018	12/03/2018	12/03/2018
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)	9.40 U	9.30 U	5.70 J	9.30 U	8.30 J
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.30 U	9.30 U	9.30 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.30 U	9.30 U	9.30 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	3.80	12.0	12.0	11.0	5.00
Perfluorodecanoic acid (PFDA)	0.940 U	2.30	0.740 J	0.930 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	88.0	330	250	220	19.0
Perfluorohexanesulfonic acid (PFHxS)	51.0	190	160	100	140
Perfluorohexanoic acid (PFHxA)	130	490	350	330	56.0
Perfluorononanoic acid (PFNA)	0.860 J	2.60	1.90	2.60	1.90
Perfluorooctanesulfonic acid (PFOS)	260	510	430	290	880
Perfluorooctanoic acid (PFOA)	30.0	130	92.0	91.0	39.0
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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	GPVP-18-12	GPVP-18-12	GPVP-18-12	GPVP-18-12	GPVP-18-12 (FD)
Locations:	GPVP-18-12	GPVP-18-12	GPVP-18-12	GPVP-18-12	GPVP-18-12 (FD)
Field Sample ID:	GPVP-18-12-62-66	GPVP-18-12-72-76	GPVP-18-12-82-86	GPVP-18-12-92-96	A1-VP-DUP-R2-12032018
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:	12/03/2018	12/03/2018	12/04/2018	12/04/2018	12/03/2018
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	18.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.40 U	9.20 U	9.30 U	6.30 J
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.40 U	9.20 U	9.30 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.40 U	9.20 U	9.30 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	6.40	2.20	1.30 J	1.10 J	12.0
Perfluorodecanoic acid (PFDA)	0.930 U	0.940 U	0.920 U	0.930 U	0.770 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	34.0	7.10	1.20 J	1.40 U	250
Perfluorohexanesulfonic acid (PFHxS)	100	64.0	14.0	6.80	150
Perfluorohexanoic acid (PFHxA)	140	14.0	2.90	1.10 J	330
Perfluorononanoic acid (PFNA)	1.50 J	1.00 J	1.40 U	1.40 U	1.90
Perfluorooctanesulfonic acid (PFOS)	340	400	27.0	2.10 J	440
Perfluorooctanoic acid (PFOA)	30.0	21.0	4.00	1.50 J	95.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.70 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.70 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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	GPVP-19-01	GPVP-19-01	GPVP-19-01	GPVP-19-01	GPVP-19-01
Locations:	GPVP-19-01	GPVP-19-01	GPVP-19-01	GPVP-19-01	GPVP-19-01
Field Sample ID:	GPVP-19-01-102-106	GPVP-19-01-42-46	GPVP-19-01-52-56	GPVP-19-01-62-66	GPVP-19-01-72-76
Sample Begin Depth:	102.00	42.00	52.00	62.00	72.00
Sample End Depth:	106.00	46.00	56.00	66.00	76.00
Sample Date:	01/25/2019	01/23/2019	01/23/2019	01/23/2019	01/24/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	37.0 U	18.0 U	19.0 U	24.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	19.0 U	9.00 U	9.50 U	12.0 U	9.60 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	19.0 U	9.00 U	9.50 U	12.0 U	9.60 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	19.0 U	9.00 U	9.50 U	12.0 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	1.80 J	1.80	1.40 J	1.20 J	0.960 U
Perfluorodecanoic acid (PFDA)	1.90 U	19.0	31.0	11.0	1.50 J
Perfluorododecanoic acid (PFDoA)	2.80 U	1.40 U	1.40 U	1.80 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.80 U	420	91.0	26.0	3.60
Perfluorohexanesulfonic acid (PFHxS)	11.0	4.60	3.40	2.40 U	1.40 J
Perfluorohexanoic acid (PFHxA)	1.40 J	180	47.0	21.0	6.00
Perfluorononanoic acid (PFNA)	2.80 U	14.0	12.0	3.70	1.50 J
Perfluorooctanesulfonic acid (PFOS)	5.60 U	33.0	47.0	18.0	4.40
Perfluorooctanoic acid (PFOA)	3.10 J	200	78.0	14.0	4.50
Perfluorotetradecanoic acid (PFTA)	5.60 U	2.70 U	2.80 U	3.60 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	5.60 U	2.70 U	2.80 U	3.60 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	2.80 U	0.870 J	3.30	1.80 U	1.40 U

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	Locations: GPVP-19-01	GPVP-19-01	GPVP-19-01 (FD)	GPVP-19-02	GPVP-19-02
Field Sample ID:	GPVP-19-01-82-86	GPVP-19-01-92-96	A1-VP-DUP-R1-12319	GPVP-19-02-37-41	GPVP-19-02-47-51
Sample Begin Depth:	82.00	92.00	62.00	37.00	47.00
Sample End Depth:	86.00	96.00	66.00	41.00	51.00
Sample Date:	01/24/2019	01/24/2019	01/23/2019	01/22/2019	01/22/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	25.0 U	21.0 U	24.0 U	6.40 J	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	13.0 U	11.0 U	12.0 U	9.00 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	13.0 U	11.0 U	12.0 U	9.00 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	13.0 U	11.0 U	12.0 U	9.00 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	2.10 J	2.40	1.20 J	4.90	3.30
Perfluorodecanoic acid (PFDA)	1.30 U	1.10 U	11.0	0.900 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.90 U	1.60 U	1.80 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.50	1.70 J	27.0	140	95.0
Perfluorohexanesulfonic acid (PFHxS)	23.0	18.0	2.40 U	44.0	46.0
Perfluorohexanoic acid (PFHxA)	7.20	5.80	23.0	130	98.0
Perfluorononanoic acid (PFNA)	1.90 U	1.60 U	3.10	0.850 J	0.800 J
Perfluorooctanesulfonic acid (PFOS)	5.70	4.00 J	18.0	130	210
Perfluorooctanoic acid (PFOA)	9.30	5.70	14.0	45.0	47.0
Perfluorotetradecanoic acid (PFTA)	3.80 U	3.20 U	3.60 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.80 U	3.20 U	3.60 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.90 U	1.60 U	1.80 U	1.40 U	1.40 U

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	GPVP-19-02	GPVP-19-02	GPVP-19-02	GPVP-19-02	GPVP-19-02
Locations:	GPVP-19-02	GPVP-19-02	GPVP-19-02	GPVP-19-02	GPVP-19-02
Field Sample ID:	GPVP-19-02-57-61	GPVP-19-02-67-71	GPVP-19-02-77-81	GPVP-19-02-87-91	GPVP-19-02-92-96
Sample Begin Depth:	57.00	67.00	77.00	87.00	92.00
Sample End Depth:	61.00	71.00	81.00	91.00	96.00
Sample Date:	01/22/2019	01/23/2019	01/23/2019	01/23/2019	01/23/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	18.0 U	20.0 U	18.0 U	24.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	9.20 U	10.0 U	9.10 U	12.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	11.0 U	9.20 U	10.0 U	9.10 U	12.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	9.20 U	10.0 U	9.10 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	1.90 J	1.50 J	2.30	2.90	1.30 J
Perfluorodecanoic acid (PFDA)	1.10 U	0.920 U	1.00 U	0.910 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.40 U	1.50 U	1.40 U	1.80 U
Perfluoroheptanoic acid (PFHpA)	16.0	4.70	2.90	0.780 J	1.80 U
Perfluorohexanesulfonic acid (PFHxS)	21.0	13.0	18.0	43.0	5.40
Perfluorohexanoic acid (PFHxA)	23.0	6.80	5.50	2.60	1.20 U
Perfluorononanoic acid (PFNA)	1.60 U	1.40 U	1.50 U	1.40 U	1.80 U
Perfluorooctanesulfonic acid (PFOS)	18.0	19.0	6.10	2.70 U	3.60 U
Perfluorooctanoic acid (PFOA)	12.0	10.0	8.30	3.70	1.80 U
Perfluorotetradecanoic acid (PFTA)	3.20 U	2.80 U	3.00 U	2.70 U	3.60 U
Perfluorotridecanoic acid (PFTrDA)	3.20 U	2.80 U	3.00 U	2.70 U	3.60 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.40 U	1.50 U	1.40 U	1.80 U

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	GPVP-19-03	GPVP-19-03	GPVP-19-03	GPVP-19-03	GPVP-19-03
Locations:	GPVP-19-03	GPVP-19-03	GPVP-19-03	GPVP-19-03	GPVP-19-03
Field Sample ID:	GPVP-19-03-102-106	GPVP-19-03-112-116	GPVP-19-03-122-126	GPVP-19-03-132-136	GPVP-19-03-42-46
Sample Begin Depth:	102.00	112.00	122.00	132.00	42.00
Sample End Depth:	106.00	116.00	126.00	136.00	46.00
Sample Date:	01/08/2019	01/08/2019	01/09/2019	01/09/2019	01/07/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	23.0 U	26.0 U	30.0 U	39.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	13.0 U	15.0 U	20.0 U	9.40 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	13.0 U	15.0 U	20.0 U	9.40 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	13.0 U	15.0 U	20.0 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	1.10 U	1.30 U	1.50 U	2.00 U	3.70
Perfluorodecanoic acid (PFDA)	1.10 U	1.30 U	1.50 U	2.00 U	9.50
Perfluorododecanoic acid (PFDoA)	1.70 U	1.90 U	2.20 U	2.90 U	0.780 J
Perfluoroheptanoic acid (PFHpA)	1.70 U	1.90 U	5.00	2.90 U	190
Perfluorohexanesulfonic acid (PFHxS)	1.10 U	1.30 U	3.00 U	2.00 U	5.50
Perfluorohexanoic acid (PFHxA)	1.10 U	1.30 U	9.90	2.00 U	200
Perfluorononanoic acid (PFNA)	1.70 U	1.90 U	2.20 U	2.90 U	13.0
Perfluorooctanesulfonic acid (PFOS)	3.40 U	3.90 U	4.40 U	5.90 U	26.0
Perfluorooctanoic acid (PFOA)	1.70 U	1.90 U	2.60 J	2.90 U	110
Perfluorotetradecanoic acid (PFTA)	3.40 U	3.90 U	4.40 U	5.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.40 U	3.90 U	4.40 U	5.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.70 U	1.90 U	2.20 U	2.90 U	1.20 J

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	GPVP-19-03	GPVP-19-03	GPVP-19-03	GPVP-19-03	GPVP-19-03
Locations:	GPVP-19-03	GPVP-19-03	GPVP-19-03	GPVP-19-03	GPVP-19-03
Field Sample ID:	GPVP-19-03-52-56	GPVP-19-03-62-66	GPVP-19-03-72-76	GPVP-19-03-82-86	GPVP-19-03-92-96
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:	01/07/2019	01/07/2019	01/07/2019	01/08/2019	01/08/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	23.0 U	31.0 U	18.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	8.60 J	15.0 U	9.00 U	12.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.50 U	12.0 U	15.0 U	9.00 U	12.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	12.0 U	15.0 U	9.00 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	4.10	1.50 J	2.10 J	1.20 J	1.20 U
Perfluorodecanoic acid (PFDA)	2.00	1.20 U	1.50 U	0.900 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.70 U	2.30 U	1.30 U	1.70 U
Perfluoroheptanoic acid (PFHpA)	60.0	9.60	24.0	7.30	1.70 U
Perfluorohexanesulfonic acid (PFHxS)	10.0	11.0	15.0	9.10	2.30 U
Perfluorohexanoic acid (PFHxA)	130	25.0	39.0	11.0	0.720 J
Perfluorononanoic acid (PFNA)	2.00	0.730 J	0.850 J	1.30 U	1.70 U
Perfluorooctanesulfonic acid (PFOS)	11.0	9.00	3.90 J	2.10 J	3.50 U
Perfluorooctanoic acid (PFOA)	32.0	11.0	18.0	7.60	0.690 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.50 U	4.60 U	2.70 U	3.50 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.50 U	4.60 U	2.70 U	3.50 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.70 U	2.30 U	1.30 U	1.70 U

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	Locations: GPVP-19-03 (FD)	GPVP-19-04	GPVP-19-04	GPVP-19-04	GPVP-19-04
Field Sample ID:	A1-VP-DUP-R1-10719	GPVP-19-04-102-106	GPVP-19-04-42-46	GPVP-19-04-52-56	GPVP-19-04-62-66
Sample Begin Depth:	52.00	102.00	42.00	52.00	62.00
Sample End Depth:	56.00	106.00	46.00	56.00	66.00
Sample Date:	01/07/2019	01/22/2019	01/17/2019	01/18/2019	01/18/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	36.0 U	20.0 U	28.0 U	25.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	18.0 U	9.80 U	14.0 U	13.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.30 U	18.0 U	9.80 U	14.0 U	13.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	18.0 U	9.80 U	14.0 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	4.30	1.80 U	10.0	12.0	5.10
Perfluorodecanoic acid (PFDA)	1.80 J	1.80 U	0.980 U	1.40 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.40 U	2.70 U	1.50 U	2.10 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	59.0	2.70 U	290	290	53.0
Perfluorohexanesulfonic acid (PFHxS)	10.0	1.80 U	12.0	13.0	15.0
Perfluorohexanoic acid (PFHxA)	130	1.80 U	350	340	89.0
Perfluorononanoic acid (PFNA)	2.20	2.70 U	1.40 J	1.70 J	0.760 J
Perfluorooctanesulfonic acid (PFOS)	11.0	5.40 U	5.50	4.90 J	4.10 J
Perfluorooctanoic acid (PFOA)	33.0	2.70 U	67.0	33.0	20.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	5.40 U	2.90 U	4.10 U	3.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	5.40 U	2.90 U	4.10 U	3.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	2.70 U	1.50 U	2.10 U	1.90 U

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	Locations: GPVP-19-04	GPVP-19-04	GPVP-19-04	GPVP-19-04 (FD)	GPVP-19-05
Field Sample ID:	GPVP-19-04-72-76	GPVP-19-04-82-86	GPVP-19-04-92-96	A1-VP-DUP-R1-11719	A1-VP-19-05-52-56
Sample Begin Depth:	72.00	82.00	92.00	42.00	52.00
Sample End Depth:	76.00	86.00	96.00	46.00	56.00
Sample Date:	01/18/2019	01/18/2019	01/22/2019	01/17/2019	01/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	24.0 U	26.0 U	20.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	12.0 U	13.0 U	10.0 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	12.0 U	13.0 U	10.0 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	12.0 U	13.0 U	10.0 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	1.80 J	3.90	1.30 U	10.0	1.60 J
Perfluorodecanoic acid (PFDA)	1.00 U	1.20 U	1.30 U	1.00 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.80 U	1.90 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	4.20	1.80 U	1.90 U	300	15.0
Perfluorohexanesulfonic acid (PFHxS)	25.0	23.0	1.30 U	12.0	6.70
Perfluorohexanoic acid (PFHxA)	14.0	3.20	1.30 U	340	10.0
Perfluorononanoic acid (PFNA)	1.50 U	1.80 U	1.90 U	1.40 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	1.60 J	9.30	3.80 U	5.30	1.10 J
Perfluorooctanoic acid (PFOA)	10.0	1.70 J	1.90 U	66.0	13.0
Perfluorotetradecanoic acid (PFTA)	3.10 U	3.50 U	3.80 U	3.10 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	3.50 U	3.80 U	3.10 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.80 U	1.90 U	1.50 U	1.40 U

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	GPVP-19-05	GPVP-19-05	GPVP-19-05	GPVP-19-05	GPVP-19-05
Locations:	GPVP-19-05	GPVP-19-05	GPVP-19-05	GPVP-19-05	GPVP-19-05
Field Sample ID:	GPVP-19-05-102-106	GPVP-19-05-42-46	GPVP-19-05-62-66	GPVP-19-05-72-76	GPVP-19-05-82-86
Sample Begin Depth:	102.00	42.00	62.00	72.00	82.00
Sample End Depth:	106.00	46.00	66.00	76.00	86.00
Sample Date:	01/15/2019	01/11/2019	01/14/2019	01/14/2019	01/14/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	21.0 U	19.0 U	19.0 U	26.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	11.0 U	9.60 U	9.30 U	13.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	11.0 U	9.60 U	9.30 U	13.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	11.0 U	9.60 U	9.30 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	0.920 U	0.910 J	3.00	2.40	2.70
Perfluorodecanoic acid (PFDA)	0.920 U	1.10 U	0.960 U	0.930 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.60 U	1.40 U	1.40 U	2.00 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 J	100	92.0	230
Perfluorohexanesulfonic acid (PFHxS)	0.920 U	2.20	11.0	9.50	6.00
Perfluorohexanoic acid (PFHxA)	0.920 U	1.30 J	84.0	100	1200
Perfluorononanoic acid (PFNA)	1.40 U	1.60 U	3.00	1.40 J	2.00 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	3.20 U	6.00	4.20	4.00 U
Perfluorooctanoic acid (PFOA)	1.40 U	2.00 J	160	140	88.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.20 U	2.90 U	2.80 U	4.00 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.20 U	2.90 U	2.80 U	4.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.60 U	1.40 U	1.40 U	2.00 U

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	GPVP-19-05	GPVP-19-05 (FD)	GPVP-19-06	GPVP-19-06	GPVP-19-06
Locations:	GPVP-19-05	GPVP-19-05 (FD)	GPVP-19-06	GPVP-19-06	GPVP-19-06
Field Sample ID:	GPVP-19-05-92-96	A1-VP-DUP-R1-11419	GPVP-19-06-27-31	GPVP-19-06-37-41	GPVP-19-06-47-51
Sample Begin Depth:	92.00	62.00	27.00	37.00	47.00
Sample End Depth:	96.00	66.00	31.00	41.00	51.00
Sample Date:	01/14/2019	01/14/2019	01/15/2019	01/15/2019	01/15/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	30.0 U	19.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	15.0 U	9.70 U	9.10 U	9.10 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	15.0 U	9.70 U	9.10 U	9.10 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	15.0 U	9.70 U	9.10 U	9.10 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	1.50 J	3.10	0.580 J	0.810 J	0.860 J
Perfluorodecanoic acid (PFDA)	1.50 U	0.970 U	1.10 J	0.910 U	0.910 U
Perfluorododecanoic acid (PFDoA)	2.30 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	20.0	100	1.20 J	1.40 U	4.20
Perfluorohexanesulfonic acid (PFHxS)	3.00 U	11.0	1.30 J	1.80 U	2.50
Perfluorohexanoic acid (PFHxA)	250	80.0	0.910 U	0.910 U	3.80
Perfluorononanoic acid (PFNA)	2.30 U	2.80	1.30 J	1.40 U	0.610 J
Perfluorooctanesulfonic acid (PFOS)	4.60 U	6.00	3.90	1.00 J	5.30
Perfluorooctanoic acid (PFOA)	2.10 J	160	2.90	0.700 J	9.70
Perfluorotetradecanoic acid (PFTA)	4.60 U	2.90 U	2.70 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	4.60 U	2.90 U	2.70 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	2.30 U	1.40 U	1.40 U	1.40 U	1.40 U

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	GPVP-19-06	GPVP-19-06	GPVP-19-06	GPVP-19-06	GPVP-19-06 (FD)
Locations:	GPVP-19-06	GPVP-19-06	GPVP-19-06	GPVP-19-06	GPVP-19-06 (FD)
Field Sample ID:	GPVP-19-06-57-61	GPVP-19-06-67-71	GPVP-19-06-77-81	GPVP-19-06-87-91	A1-VP-DUP-R2-011519
Sample Begin Depth:	57.00	67.00	77.00	87.00	37.00
Sample End Depth:	61.00	71.00	81.00	91.00	41.00
Sample Date:	01/15/2019	01/15/2019	01/16/2019	01/16/2019	01/15/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.20 U	9.20 U	9.50 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.20 U	9.20 U	9.50 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.20 U	9.20 U	9.50 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	1.50 J	1.00 J	1.30 J	0.950 U	0.810 J
Perfluorodecanoic acid (PFDA)	0.990 J	1.00 J	0.920 U	0.950 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)	2.60	2.10	2.70	1.40 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	2.30	5.70	12.0	1.90 U	0.920 U
Perfluorohexanoic acid (PFHxA)	2.60	2.70	4.30	0.950 U	0.920 U
Perfluorononanoic acid (PFNA)	0.940 J	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	4.80	6.00	6.60	2.80 U	1.00 J
Perfluorooctanoic acid (PFOA)	6.00	6.40	8.80	1.40 U	0.660 J
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 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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	GPVP-19-07	GPVP-19-07	GPVP-19-07	GPVP-19-07	GPVP-19-07
Locations:	GPVP-19-07	GPVP-19-07	GPVP-19-07	GPVP-19-07	GPVP-19-07
Field Sample ID:	GPVP-19-07-37-41	GPVP-19-07-47-51	GPVP-19-07-57-61	GPVP-19-07-67-71	GPVP-19-07-77-81
Sample Begin Depth:	37.00	47.00	57.00	67.00	77.00
Sample End Depth:	41.00	51.00	61.00	71.00	81.00
Sample Date:	01/10/2019	01/11/2019	01/11/2019	01/11/2019	01/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	20.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.10 U	10.0 U	9.10 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.10 U	10.0 U	9.10 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.10 U	10.0 U	9.10 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	2.30	1.20 J	1.10 J	1.40 J	2.80
Perfluorodecanoic acid (PFDA)	0.910 U	0.910 U	1.00 U	0.910 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	44.0	3.50	2.30	1.80	2.50
Perfluorohexanesulfonic acid (PFHxS)	5.40	13.0	11.0	14.0	41.0
Perfluorohexanoic acid (PFHxA)	35.0	6.70	2.20	4.10	8.10
Perfluorononanoic acid (PFNA)	0.800 J	1.40 U	1.50 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.90	3.50 J	7.30	5.80	1.70 J
Perfluorooctanoic acid (PFOA)	15.0	11.0	6.40	5.80	5.30
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	3.00 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	3.00 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.40 U	1.40 U

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	GPVP-19-07	GPVP-19-07	GPVP-19-08	GPVP-19-08	GPVP-19-08
Locations:	GPVP-19-07	GPVP-19-07	GPVP-19-08	GPVP-19-08	GPVP-19-08
Field Sample ID:	GPVP-19-07-87-91	GPVP-19-07-97-101	GPVP-19-08-102-106	GPVP-19-08-42-46	GPVP-19-08-52-56
Sample Begin Depth:	87.00	97.00	102.00	42.00	52.00
Sample End Depth:	91.00	101.00	106.00	46.00	56.00
Sample Date:	01/14/2019	01/14/2019	01/11/2019	01/10/2019	01/10/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	23.0 U	21.0 U	21.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	10.0 U	11.0 U	9.40 U	9.60 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	10.0 U	11.0 U	9.40 U	9.60 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	10.0 U	11.0 U	9.40 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	1.10 U	2.30	1.10 U	2.40	1.20 J
Perfluorodecanoic acid (PFDA)	1.10 U	1.00 U	1.10 U	0.560 J	0.960 U
Perfluorododecanoic acid (PFDoA)	1.70 U	1.60 U	1.60 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.00 J	1.40 J	0.950 J	29.0	3.80
Perfluorohexanesulfonic acid (PFHxS)	0.440 J	21.0	2.10 U	12.0	15.0
Perfluorohexanoic acid (PFHxA)	1.40 J	4.00	0.850 J	30.0	5.00
Perfluorononanoic acid (PFNA)	1.70 U	1.60 U	1.60 U	0.820 J	0.540 J
Perfluorooctanesulfonic acid (PFOS)	3.40 U	4.50	3.20 U	170	9.60
Perfluorooctanoic acid (PFOA)	1.50 J	3.50	0.690 J	18.0	8.40
Perfluorotetradecanoic acid (PFTA)	3.40 U	3.10 U	3.20 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.40 U	3.10 U	3.20 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.70 U	1.60 U	1.60 U	1.40 U	1.40 U

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	Locations: GPVP-19-08	GPVP-19-08	GPVP-19-08	GPVP-19-08	GPVP-19-08 (FD)
Field Sample ID:	GPVP-19-08-62-66	GPVP-19-08-72-76	GPVP-19-08-82-86	GPVP-19-08-92-96	A1-VP-DUP-R1-11119
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:	01/10/2019	01/10/2019	01/10/2019	01/11/2019	01/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	19.0 U	19.0 U	21.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	9.60 U	9.30 U	11.0 U	10.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	12.0 U	9.60 U	9.30 U	11.0 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.60 U	9.30 U	11.0 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.70 J	2.60	1.20 J	1.10 U	1.00 U
Perfluorodecanoic acid (PFDA)	1.20 U	0.960 U	0.480 J	1.10 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.80 U	1.40 U	1.40 U	1.60 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	11.0	1.90	7.80	5.80	0.840 J
Perfluorohexanesulfonic acid (PFHxS)	11.0	20.0	5.00	2.10 U	2.10 U
Perfluorohexanoic acid (PFHxA)	11.0	5.10	7.40	6.00	0.820 J
Perfluorononanoic acid (PFNA)	1.80 U	0.530 J	1.40 U	1.60 U	1.60 U
Perfluorooctanesulfonic acid (PFOS)	3.60 J	1.40 J	2.80 J	8.70	3.10 U
Perfluorooctanoic acid (PFOA)	7.50	3.40	5.70	4.00	0.700 J
Perfluorotetradecanoic acid (PFTA)	3.60 U	2.90 U	2.80 U	3.20 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	3.60 U	2.90 U	2.80 U	3.20 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.40 U	1.40 J	1.60 U	1.60 U

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	GPVP-19-09	GPVP-19-09	GPVP-19-09	GPVP-19-09	GPVP-19-09
Locations:	GPVP-19-09	GPVP-19-09	GPVP-19-09	GPVP-19-09	GPVP-19-09
Field Sample ID:	GPVP-19-09-27-31	GPVP-19-09-37-41	GPVP-19-09-47-51	GPVP-19-09-57-61	GPVP-19-09-67-71
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:	01/17/2019	01/17/2019	01/17/2019	01/17/2019	01/17/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	19.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	8.90 U	9.30 U	8.90 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	8.90 U	9.30 U	8.90 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	8.90 U	9.30 U	8.90 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	3.30	8.90	2.60	1.50 J	1.40 J
Perfluorodecanoic acid (PFDA)	3.70	0.890 U	0.930 U	0.890 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.40 U	1.30 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	95.0	69.0	12.0	1.70 J	1.40 J
Perfluorohexanesulfonic acid (PFHxS)	6.90	11.0	18.0	12.0	13.0
Perfluorohexanoic acid (PFHxA)	140	270	54.0	3.30	2.90
Perfluorononanoic acid (PFNA)	2.90	1.50 J	1.40 U	1.30 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	7.80	5.60	3.20 J	3.40 J	3.70
Perfluorooctanoic acid (PFOA)	45.0	26.0	11.0	6.40	6.90
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.80 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.80 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	1.40 U	1.30 U	1.40 U

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	GPVP-19-09	GPVP-19-09	GPVP-19-09	GPVP-19-09 (FD)	GPVP-19-09 (FD)
Locations:	GPVP-19-09	GPVP-19-09	GPVP-19-09	GPVP-19-09 (FD)	GPVP-19-09 (FD)
Field Sample ID:	GPVP-19-09-77-81	GPVP-19-09-87-91	GPVP-19-09-97-101	A1-VP-DUP-R2-011719	A1-VP-DUP-R2-011819
Sample Begin Depth:	77.00	87.00	97.00	37.00	87.00
Sample End Depth:	81.00	91.00	101.00	41.00	91.00
Sample Date:	01/18/2019	01/18/2019	01/18/2019	01/17/2019	01/18/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	25.0 U	20.0 U	18.0 U	26.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	13.0 U	9.90 U	9.00 U	13.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	13.0 U	9.90 U	9.00 U	13.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	13.0 U	9.90 U	9.00 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	1.80 J	1.30 U	0.990 U	8.80	1.30 U
Perfluorodecanoic acid (PFDA)	6.00	0.700 J	0.990 U	0.900 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.60 J	1.90 U	1.50 U	1.30 U	2.00 U
Perfluoroheptanoic acid (PFHpA)	0.890 J	1.90 U	1.50 U	75.0	2.00 U
Perfluorohexanesulfonic acid (PFHxS)	9.30	1.30 U	0.990 U	11.0	1.30 U
Perfluorohexanoic acid (PFHxA)	1.60 J	1.30 U	0.990 U	290	1.30 U
Perfluorononanoic acid (PFNA)	4.50	1.90 U	1.50 U	1.70 J	2.00 U
Perfluorooctanesulfonic acid (PFOS)	1.60 J	3.80 U	3.00 U	4.90	4.00 U
Perfluorooctanoic acid (PFOA)	5.10	1.90 U	1.50 U	26.0	2.00 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	3.80 U	3.00 U	2.70 U	4.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	3.80 U	3.00 U	2.70 U	4.00 U
Perfluoroundecanoic acid (PFUnA)	2.60	1.90 U	1.50 U	1.30 U	2.00 U

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	GPVP-19-10	GPVP-19-10	GPVP-19-10	GPVP-19-10	GPVP-19-10
Locations:	GPVP-19-10	GPVP-19-10	GPVP-19-10	GPVP-19-10	GPVP-19-10
Field Sample ID:	GPVP-19-10-42-46	GPVP-19-10-52-56	GPVP-19-10-62-66	GPVP-19-10-72-76	GPVP-19-10-82-86
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:	01/16/2019	01/16/2019	01/16/2019	01/16/2019	01/16/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	29.0 U	29.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.60 U	9.70 U	15.0 U	15.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.50 U	9.60 U	9.70 U	15.0 U	15.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.60 U	9.70 U	15.0 U	15.0 U
Perfluorobutanesulfonic acid (PFBS)	0.770 J	1.30 J	1.40 J	2.20 J	1.00 J
Perfluorodecanoic acid (PFDA)	0.950 U	0.970 J	0.970 U	1.50 U	1.50 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	2.20 U	2.20 U
Perfluoroheptanoic acid (PFHpA)	1.90	3.00	2.60	3.10	2.20 U
Perfluorohexanesulfonic acid (PFHxS)	1.90 U	3.60	9.60	15.0	11.0
Perfluorohexanoic acid (PFHxA)	1.80 J	3.30	3.70	6.10	1.50 U
Perfluorononanoic acid (PFNA)	1.10 J	0.930 J	1.20 J	2.20 U	2.20 U
Perfluorooctanesulfonic acid (PFOS)	1.70 J	9.50	8.20	4.70 J	4.40 U
Perfluorooctanoic acid (PFOA)	4.90	8.00	8.90	9.10	2.20 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.90 U	4.40 U	4.40 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.90 U	4.40 U	4.40 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	2.20 U	2.20 U

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	GPVP-19-10	GPVP-19-11	GPVP-19-11	GPVP-19-11	GPVP-19-11
Locations:	GPVP-19-10	GPVP-19-11	GPVP-19-11	GPVP-19-11	GPVP-19-11
Field Sample ID:	GPVP-19-10-92-96	GPVP-19-11-102-106	GPVP-19-11-22-26	GPVP-19-11-32-36	GPVP-19-11-42-46
Sample Begin Depth:	92.00	102.00	22.00	32.00	42.00
Sample End Depth:	96.00	106.00	26.00	36.00	46.00
Sample Date:	01/17/2019	02/19/2019	02/14/2019	02/15/2019	02/15/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	26.0 U	34.0 J	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	13.0 U	9.20 U	9.30 U	9.80 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	13.0 U	9.20 U	9.30 U	9.80 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	13.0 U	9.20 U	9.30 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	0.630 J	1.30 U	2.60	1.00 J	1.00 J
Perfluorodecanoic acid (PFDA)	0.990 U	1.30 U	0.920 U	0.600 J	0.980 U
Perfluorododecanoic acid (PFDoA)	1.50 U	2.00 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	2.00 U	35.0	3.30	1.10 J
Perfluorohexanesulfonic acid (PFHxS)	5.70	1.30 U	7.30	11.0	14.0
Perfluorohexanoic acid (PFHxA)	0.990 U	1.30 U	15.0	4.40	1.70 J
Perfluorononanoic acid (PFNA)	1.50 U	2.00 U	0.610 J	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	3.90 U	4.80	7.40	6.40
Perfluorooctanoic acid (PFOA)	1.50 U	2.00 U	21.0	11.0	5.40
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.90 U	2.80 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.90 U	2.80 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	2.00 U	1.40 U	1.40 U	1.50 U

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	GPVP-19-11	GPVP-19-11	GPVP-19-11	GPVP-19-11	GPVP-19-11
Locations:	GPVP-19-11	GPVP-19-11	GPVP-19-11	GPVP-19-11	GPVP-19-11
Field Sample ID:	GPVP-19-11-52-56	GPVP-19-11-62-66	GPVP-19-11-72-76	GPVP-19-11-82-86	GPVP-19-11-92-96
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:	02/15/2019	02/15/2019	02/19/2019	02/19/2019	02/19/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	21.0 U	20.0 U	22.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.50 U	11.0 U	10.0 U	11.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.50 U	11.0 U	10.0 U	11.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.50 U	11.0 U	10.0 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	1.10 J	1.50 J	2.40	2.50	1.10 U
Perfluorodecanoic acid (PFDA)	0.580 J	0.950 U	1.10 U	1.00 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.60 U	1.50 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	2.70	4.90	3.10	1.50 U	1.60 U
Perfluorohexanesulfonic acid (PFHxS)	13.0	14.0	17.0	16.0	1.20 J
Perfluorohexanoic acid (PFHxA)	4.00	8.90	7.40	1.20 J	1.10 U
Perfluorononanoic acid (PFNA)	1.50 U	1.40 U	1.60 U	1.50 U	1.60 U
Perfluorooctanesulfonic acid (PFOS)	6.50	3.80	2.50 J	1.50 J	3.30 U
Perfluorooctanoic acid (PFOA)	8.90	8.60	7.70	1.20 J	1.60 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	3.20 U	3.00 U	3.30 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	3.20 U	3.00 U	3.30 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.60 U	1.50 U	1.60 U

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	GPVP-19-12	GPVP-19-12	GPVP-19-12	GPVP-19-12	GPVP-19-12
Locations:	GPVP-19-12	GPVP-19-12	GPVP-19-12	GPVP-19-12	GPVP-19-12
Field Sample ID:	GPVP-19-12-27-31	GPVP-19-12-37-41	GPVP-19-12-47-51	GPVP-19-12-57-61	GPVP-19-12-67-71
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:	02/14/2019	02/14/2019	02/14/2019	02/15/2019	02/15/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	15.0 J	18.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	15.0 J	9.20 U	9.10 U	9.20 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.10 U	9.20 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.10 U	9.20 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	2.40	1.40 J	0.910 U	2.10	3.20
Perfluorodecanoic acid (PFDA)	0.610 J	0.920 U	0.910 U	0.920 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)	50.0	5.10	1.80	2.40	1.60 J
Perfluorohexanesulfonic acid (PFHxS)	14.0	7.50	14.0	16.0	14.0
Perfluorohexanoic acid (PFHxA)	47.0	5.40	2.30	4.80	6.50
Perfluorononanoic acid (PFNA)	2.00	0.910 J	0.630 J	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	7.50	6.70	10.0	8.60	2.00 J
Perfluorooctanoic acid (PFOA)	19.0	9.40	11.0	7.70	4.70
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.70 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 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: GPVP-19-12	GPVP-19-12	GPVP-19-12	GPVP-19-12 (FD)
Field Sample ID:	GPVP-19-12-77-81	GPVP-19-12-87-91	GPVP-19-12-97-101	A1-VP-DUP-R2-021419
Sample Begin Depth:	77.00	87.00	97.00	47.00
Sample End Depth:	81.00	91.00	101.00	51.00
Sample Date:	02/15/2019	02/19/2019	02/19/2019	02/14/2019
PFAS (ng/L)				
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	20.0 U	20.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.90 U	9.80 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.90 U	9.80 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.90 U	9.80 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	2.50	2.90	0.980 U	0.910 U
Perfluorodecanoic acid (PFDA)	0.920 U	0.990 U	0.980 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.70 J	0.740 J	1.50 U	2.30
Perfluorohexanesulfonic acid (PFHxS)	14.0	13.0	1.40 J	16.0
Perfluorohexanoic acid (PFHxA)	3.60	2.10	0.980 U	2.40
Perfluorononanoic acid (PFNA)	1.40 U	1.50 U	1.50 U	0.620 J
Perfluorooctanesulfonic acid (PFOS)	2.10 J	1.70 J	2.90 U	10.0
Perfluorooctanoic acid (PFOA)	4.50	1.60 J	1.50 U	11.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	3.00 U	2.90 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	3.00 U	2.90 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.50 U	1.40 U

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KOMAN, PFAS RI, Vertical Profile Samples-Area2

AOC 32, Former Defense Reuse and Marketing Office

	Locations: 32VP-19-03	32VP-19-03	32VP-19-03	32VP-19-04	32VP-19-04
Field Sample ID:	32VP-19-03-27-31	32VP-19-03-37-41	32VP-19-03-47-51	32VP-19-04-17-21	32VP-19-04-27-31
Sample Begin Depth:	27.00	37.00	47.00	17.00	27.00
Sample End Depth:	31.00	41.00	51.00	21.00	31.00
Sample Date:	03/15/2019	03/15/2019	03/15/2019	02/05/2019	02/05/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.10 U	9.40 U	9.00 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.10 U	9.40 U	9.00 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.10 U	9.40 U	9.00 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	4.40	2.80	2.70	6.90	2.30
Perfluorodecanoic acid (PFDA)	1.10 J	4.90	3.00	0.900 U	1.80
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	6.90	3.70	3.50	9.70	5.40
Perfluorohexanesulfonic acid (PFHxS)	47.0	3.80	4.70	18.0	14.0
Perfluorohexanoic acid (PFHxA)	9.60	6.00	6.10	15.0	8.70
Perfluorononanoic acid (PFNA)	5.00	2.20	1.80 J	1.30 U	2.20
Perfluorooctanesulfonic acid (PFOS)	8.20	18.0	12.0	2.70 U	35.0
Perfluorooctanoic acid (PFOA)	34.0	7.30	8.00	10.0	17.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.80 U	2.70 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: 32VP-19-04	32VP-19-04	32VP-19-04	32VP-19-04	32VP-19-04
Field Sample ID:	32VP-19-04-37-41	32VP-19-04-47-51	32VP-19-04-57-61	32VP-19-04-67-71	32VP-19-04-77-81
Sample Begin Depth:	37.00	47.00	57.00	67.00	77.00
Sample End Depth:	41.00	51.00	61.00	71.00	81.00
Sample Date:	02/05/2019	02/05/2019	02/05/2019	02/05/2019	02/06/2019
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	8.90 U	9.00 U	9.00 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	8.90 U	9.00 U	9.00 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	8.90 U	9.00 U	9.00 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	2.40	0.460 J	0.820 J	0.410 J	0.560 J
Perfluorodecanoic acid (PFDA)	0.790 J	0.890 U	0.900 U	0.900 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.40 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	5.40	1.90	1.90	1.20 J	1.70 J
Perfluorohexanesulfonic acid (PFHxS)	12.0	1.50 J	3.10	1.20 J	3.30
Perfluorohexanoic acid (PFHxA)	7.10	1.70 J	2.50	1.20 J	2.10
Perfluorononanoic acid (PFNA)	2.70	1.40 J	1.20 J	0.980 J	1.30 U
Perfluorooctanesulfonic acid (PFOS)	25.0	6.80	4.00	3.90	5.50
Perfluorooctanoic acid (PFOA)	21.0	5.50	6.70	4.00	7.70
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	1.40 U	1.30 U	1.30 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 4/25/2019

	Locations: 32VP-19-04	32VP-19-04	32VP-19-04 (FD)	32VP-19-05	32VP-19-05
Field Sample ID:	32VP-19-04-87-91	32VP-19-04-97-101	A2-VP-DUP-R2-020519	32VP-19-05-102-106	32VP-19-05-22-26
Sample Begin Depth:	87.00	97.00	27.00	102.00	22.00
Sample End Depth:	91.00	101.00	31.00	106.00	26.00
Sample Date:	02/06/2019	02/06/2019	02/05/2019	02/06/2019	02/05/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	20.0 U	18.0 U	22.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	10.0 U	8.90 U	11.0 U	9.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.00 U	10.0 U	8.90 U	11.0 U	9.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	10.0 U	8.90 U	11.0 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	0.900 U	0.620 J	2.50	0.740 J	2.40
Perfluorodecanoic acid (PFDA)	0.900 U	1.00 U	2.20	1.10 U	0.990 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.30 U	1.60 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.80	1.90 J	5.30	1.40 J	28.0
Perfluorohexanesulfonic acid (PFHxS)	1.40 J	3.50	14.0	4.50	17.0
Perfluorohexanoic acid (PFHxA)	1.70 J	2.30	9.00	2.20	51.0
Perfluorononanoic acid (PFNA)	1.40 J	1.50 U	2.10	0.580 J	0.600 J
Perfluorooctanesulfonic acid (PFOS)	6.00	9.20	35.0	4.90	14.0
Perfluorooctanoic acid (PFOA)	6.60	8.90	16.0	6.00	94.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	3.00 U	2.70 U	3.30 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	3.00 U	2.70 U	3.30 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.30 U	1.60 U	1.50 U

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	Locations: 32VP-19-05	32VP-19-05	32VP-19-05	32VP-19-05	32VP-19-05
Field Sample ID:	32VP-19-05-32-36	32VP-19-05-42-46	32VP-19-05-52-56	32VP-19-05-62-66	32VP-19-05-72-76
Sample Begin Depth:	32.00	42.00	52.00	62.00	72.00
Sample End Depth:	36.00	46.00	56.00	66.00	76.00
Sample Date:	02/05/2019	02/05/2019	02/05/2019	02/05/2019	02/05/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U	17.0 U	19.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.80 U	8.50 U	9.30 U	11.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.80 U	8.50 U	9.30 U	11.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.80 U	8.50 U	9.30 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	1.10 J	1.30 J	1.60 J	2.30	1.10 J
Perfluorodecanoic acid (PFDA)	0.940 U	0.880 J	0.850 U	0.930 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.30 U	1.40 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	3.20	3.70	3.30	7.20	3.60
Perfluorohexanesulfonic acid (PFHxS)	6.10	5.90	7.40	10.0	6.00
Perfluorohexanoic acid (PFHxA)	4.10	4.50	4.60	8.50	3.70
Perfluorononanoic acid (PFNA)	0.800 J	2.30	1.30 J	0.900 J	1.50 J
Perfluorooctanesulfonic acid (PFOS)	9.40	18.0	9.00	7.60	6.50
Perfluorooctanoic acid (PFOA)	12.0	11.0	13.0	21.0	9.90
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.60 U	2.80 U	3.20 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.60 U	2.80 U	3.20 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.30 U	1.40 U	1.60 U

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	Locations: 32VP-19-05	32VP-19-05	32VP-19-05 (FD)	32VP-19-06	32VP-19-06
Field Sample ID:	32VP-19-05-82-86	32VP-19-05-92-96	A2-VP-DUP-R1-2519	32VP-19-06-17-21	32VP-19-06-27-31
Sample Begin Depth:	82.00	92.00	52.00	17.00	27.00
Sample End Depth:	86.00	96.00	56.00	21.00	31.00
Sample Date:	02/06/2019	02/06/2019	02/05/2019	02/26/2019	02/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	17.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	8.90 U	8.60 U	9.50 U	9.70 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	8.90 U	8.60 U	9.50 U	9.70 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	8.90 U	8.60 U	9.50 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	0.700 J	0.710 J	1.60 J	0.950 U	2.10
Perfluorodecanoic acid (PFDA)	3.40	0.890 U	0.860 U	0.480 J	0.970 U
Perfluorododecanoic acid (PFDoA)	0.860 J	1.30 U	1.30 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	2.20	2.10	3.20	3.10	4.40
Perfluorohexanesulfonic acid (PFHxS)	2.90	2.90	7.30	3.20	2.90
Perfluorohexanoic acid (PFHxA)	1.90	2.80	4.30	5.50	7.70
Perfluorononanoic acid (PFNA)	3.60	2.00	1.10 J	2.20	2.00
Perfluorooctanesulfonic acid (PFOS)	4.80	7.60	8.30	6.10	8.50
Perfluorooctanoic acid (PFOA)	7.20	6.70	13.0	7.90	9.60
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.60 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.60 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.60 J	1.30 U	1.30 U	1.40 U	1.50 U

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	Locations: 32VP-19-06	32VP-19-06	32VP-19-06	32VP-19-06	32VP-19-06
Field Sample ID:	32VP-19-06-37-41	32VP-19-06-47-51	32VP-19-06-57-61	32VP-19-06-67-71	32VP-19-06-77-81
Sample Begin Depth:	37.00	47.00	57.00	67.00	77.00
Sample End Depth:	41.00	51.00	61.00	71.00	81.00
Sample Date:	02/26/2019	02/26/2019	02/27/2019	02/27/2019	02/27/2019
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)	9.60 U	9.60 U	9.10 U	9.40 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.60 U	9.10 U	9.40 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.60 U	9.10 U	9.40 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	2.00	1.30 J	5.50	12.0	2.70
Perfluorodecanoic acid (PFDA)	0.960 U	0.960 U	0.910 U	0.940 U	1.10 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	3.80	2.70	6.00	4.50	5.40
Perfluorohexanesulfonic acid (PFHxS)	3.10	4.10	6.10	5.00	2.90
Perfluorohexanoic acid (PFHxA)	7.20	4.30	9.90	10.0	9.80
Perfluorononanoic acid (PFNA)	1.70 J	2.30	2.50	0.770 J	3.70
Perfluorooctanesulfonic acid (PFOS)	11.0	7.60	4.40	3.70 J	8.70
Perfluorooctanoic acid (PFOA)	9.60	7.20	12.0	6.50	10.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.70 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.70 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 4/25/2019

	Locations: 32VP-19-06	32VP-19-06 (FD)	32VP-19-07	32VP-19-07	32VP-19-07
Field Sample ID:	32VP-19-06-87-91	A2-VP-DUP-R2-022719	32VP-19-07-32-36	32VP-19-07-42-46	32VP-19-07-52-56
Sample Begin Depth:	87.00	57.00	32.00	42.00	52.00
Sample End Depth:	91.00	61.00	36.00	46.00	56.00
Sample Date:	02/27/2019	02/27/2019	02/26/2019	02/26/2019	02/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	23.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.10 U	12.0 U	9.50 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.10 U	12.0 U	9.50 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.10 U	12.0 U	9.50 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	0.970 J	6.00	0.650 J	0.750 J	1.00 J
Perfluorodecanoic acid (PFDA)	0.900 U	0.910 U	1.20 U	0.950 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.70 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	6.10	0.930 J	0.840 J	2.40
Perfluorohexanesulfonic acid (PFHxS)	7.40	6.00	1.20 J	1.50 J	7.20
Perfluorohexanoic acid (PFHxA)	0.580 J	10.0	0.990 J	1.10 J	3.10
Perfluorononanoic acid (PFNA)	1.40 U	2.30	0.640 J	0.690 J	2.40
Perfluorooctanesulfonic acid (PFOS)	2.00 J	4.60	7.80	18.0	23.0
Perfluorooctanoic acid (PFOA)	1.20 J	12.0	2.70	3.30	8.50
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	3.50 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	3.50 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.70 U	1.40 U	1.40 U

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	Locations: 32VP-19-07	32VP-19-07	32VP-19-07	32VP-19-07	32VP-19-07 (FD)
Field Sample ID:	32VP-19-07-62-66	32VP-19-07-72-76	32VP-19-07-82-86	32VP-19-07-92-96	A2-VP-DUP-R1-22719
Sample Begin Depth:	62.00	72.00	82.00	92.00	82.00
Sample End Depth:	66.00	76.00	86.00	96.00	86.00
Sample Date:	02/26/2019	02/27/2019	02/27/2019	02/27/2019	02/27/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	18.0 U	19.0 U	18.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	9.00 U	9.30 U	9.10 U	10.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.00 U	9.30 U	9.10 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.00 U	9.30 U	9.10 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	2.90	3.10	2.40	2.30	2.40
Perfluorodecanoic acid (PFDA)	1.00 J	1.10 J	1.10 J	0.910 U	1.10 J
Perfluorododecanoic acid (PFDoA)	1.80 U	1.40 U	1.40 U	1.40 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	4.50	4.90	4.00	2.10	4.30
Perfluorohexanesulfonic acid (PFHxS)	2.40	3.50	5.00	11.0	4.70
Perfluorohexanoic acid (PFHxA)	7.50	11.0	9.80	4.80	10.0
Perfluorononanoic acid (PFNA)	2.00 J	2.00	2.90	1.50 J	3.10
Perfluorooctanesulfonic acid (PFOS)	7.10	7.30	14.0	9.20	14.0
Perfluorooctanoic acid (PFOA)	6.30	7.80	8.00	5.40	8.50
Perfluorotetradecanoic acid (PFTA)	3.60 U	2.70 U	2.80 U	2.70 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	3.60 U	2.70 U	2.80 U	2.70 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.40 U	1.40 U	1.40 U	1.60 U

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KOMAN, PFAS RI, Vertical Profile Samples-Area2

AOC 76, Devens Fire Station

	Locations: 76VP-19-01	76VP-19-01	76VP-19-01 (FD)	76VP-19-02	76VP-19-02
Field Sample ID:	76VP-19-01-27-31	76VP-19-01-37-41	A2-VP-DUP-R2-030119	76VP-19-02-27-31	76VP-19-02-37-41
Sample Begin Depth:	27.00	37.00	37.00	27.00	37.00
Sample End Depth:	31.00	41.00	41.00	31.00	41.00
Sample Date:	03/01/2019	03/01/2019	03/01/2019	03/15/2019	03/15/2019
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	9.00 U	9.10 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.00 U	9.10 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.00 U	9.10 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	4.50	4.90	4.70	3.00	4.70
Perfluorodecanoic acid (PFDA)	0.920 U	0.920 U	0.900 U	0.910 U	0.680 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.60	4.90	5.10	4.50	5.60
Perfluorohexanesulfonic acid (PFHxS)	17.0	17.0	17.0	15.0	19.0
Perfluorohexanoic acid (PFHxA)	9.70	9.60	9.70	7.20	11.0
Perfluorononanoic acid (PFNA)	0.780 J	0.510 J	1.40 U	0.580 J	1.70 J
Perfluorooctanesulfonic acid (PFOS)	11.0	16.0	15.0	7.90	32.0
Perfluorooctanoic acid (PFOA)	12.0	12.0	12.0	12.0	17.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.70 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.70 U	2.70 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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	76VP-19-02	76VP-19-03	76VP-19-03	76VP-19-03	76VP-19-03
Locations:	76VP-19-02	76VP-19-03	76VP-19-03	76VP-19-03	76VP-19-03
Field Sample ID:	76VP-19-02-42-46	76VP-19-03-17-21	76VP-19-03-27-31	76VP-19-03-37-41	76VP-19-03-47-51
Sample Begin Depth:	42.00	17.00	27.00	37.00	47.00
Sample End Depth:	46.00	21.00	31.00	41.00	51.00
Sample Date:	03/15/2019	02/06/2019	02/07/2019	02/07/2019	02/07/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	8.90 U	9.10 U	9.30 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	8.90 U	9.10 U	9.30 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	8.90 U	9.10 U	9.30 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	4.70	16.0	5.70	8.70	7.80
Perfluorodecanoic acid (PFDA)	0.920 U	0.450 J	1.00 J	0.930 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.80	7.60	9.90	7.80	5.80
Perfluorohexanesulfonic acid (PFHxS)	19.0	30.0	25.0	38.0	37.0
Perfluorohexanoic acid (PFHxA)	9.50	52.0	17.0	12.0	11.0
Perfluorononanoic acid (PFNA)	1.60 J	0.640 J	1.60 J	1.30 J	1.20 J
Perfluorooctanesulfonic acid (PFOS)	29.0	26.0	51.0	42.0	34.0
Perfluorooctanoic acid (PFOA)	17.0	12.0	22.0	25.0	19.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.70 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.70 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	1.40 U	1.40 U	1.40 U

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	Locations: 76VP-19-03	76VP-19-03	76VP-19-04	76VP-19-04	76VP-19-04
Field Sample ID:	76VP-19-03-57-61	76VP-19-03-61-65	76VP-19-04-17-21	76VP-19-04-27-31	76VP-19-04-37-41
Sample Begin Depth:	57.00	61.00	17.00	27.00	37.00
Sample End Depth:	61.00	65.00	21.00	31.00	41.00
Sample Date:	02/07/2019	02/07/2019	03/12/2019	03/12/2019	03/12/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	78.0	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.10 U	36.0	9.20 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.10 U	9.30 U	9.20 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.10 U	9.30 U	9.20 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	7.70	7.90	12.0	4.70	4.60
Perfluorodecanoic acid (PFDA)	7.70	0.910 U	0.930 U	0.640 J	0.910 U
Perfluorododecanoic acid (PFDoA)	7.70	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	21.0	6.40	51.0	7.90	6.80
Perfluorohexanesulfonic acid (PFHxS)	30.0	31.0	420	20.0	19.0
Perfluorohexanoic acid (PFHxA)	37.0	12.0	190	14.0	12.0
Perfluorononanoic acid (PFNA)	9.30	1.00 J	6.20	1.60 J	1.10 J
Perfluorooctanesulfonic acid (PFOS)	26.0	27.0	530	32.0	22.0
Perfluorooctanoic acid (PFOA)	29.0	19.0	110	23.0	17.0
Perfluorotetradecanoic acid (PFTA)	2.70 J	2.70 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.10 J	2.70 U	2.80 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	5.20	1.40 U	1.40 U	1.40 U	1.40 U

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	76VP-19-04	76VP-19-05	76VP-19-05	76VP-19-05	76VP-19-05
Locations:	76VP-19-04	76VP-19-05	76VP-19-05	76VP-19-05	76VP-19-05
Field Sample ID:	76VP-19-04-47-51	76VP-19-05-27-31	76VP-19-05-37-41	76VP-19-05-47-51	76VP-19-05-57-61
Sample Begin Depth:	47.00	27.00	37.00	47.00	57.00
Sample End Depth:	51.00	31.00	41.00	51.00	61.00
Sample Date:	03/13/2019	01/30/2019	01/30/2019	01/30/2019	01/30/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	17.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	8.60 U	9.00 U	9.10 U	9.20 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	8.60 U	9.00 U	9.10 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	8.60 U	9.00 U	9.10 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	5.10	4.70	5.80	7.80	8.10
Perfluorodecanoic acid (PFDA)	0.910 U	0.960 J	0.900 U	0.910 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.30 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.80	4.60	7.20	6.40	6.70
Perfluorohexanesulfonic acid (PFHxS)	21.0	16.0	23.0	31.0	31.0
Perfluorohexanoic acid (PFHxA)	10.0	9.80	12.0	11.0	11.0
Perfluorononanoic acid (PFNA)	1.10 J	1.40 J	1.50 J	1.30 J	1.10 J
Perfluorooctanesulfonic acid (PFOS)	22.0	27.0	30.0	39.0	30.0
Perfluorooctanoic acid (PFOA)	16.0	13.0	20.0	19.0	18.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.60 U	2.70 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.60 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	1.40 U

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	76VP-19-05	76VP-19-05	76VP-19-06	76VP-19-06	76VP-19-06
Locations: 76VP-19-05	76VP-19-05	76VP-19-05	76VP-19-06	76VP-19-06	76VP-19-06
Field Sample ID: 76VP-19-05-67-71	76VP-19-05-73-77	76VP-19-05-73-77	76VP-19-06-12-16	76VP-19-06-22-26	76VP-19-06-32-36
Sample Begin Depth: 67.00	73.00	73.00	12.00	22.00	32.00
Sample End Depth: 71.00	77.00	77.00	16.00	26.00	36.00
Sample Date: 02/04/2019	02/04/2019	02/04/2019	03/13/2019	03/13/2019	03/13/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	24.0 J	19.0 U	16.0 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	8.90 U	3.00 J	9.30 U	22.0
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	8.90 U	9.10 U	9.30 U	9.20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	8.90 U	9.10 U	9.30 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	7.30	6.50	7.10	130	5.20
Perfluorodecanoic acid (PFDA)	1.30 J	0.890 U	2.90	0.470 J	4.30
Perfluorododecanoic acid (PFDoA)	1.20 J	1.30 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	13.0	5.90	210	33.0	81.0
Perfluorohexanesulfonic acid (PFHxS)	25.0	22.0	340	260	82.0
Perfluorohexanoic acid (PFHxA)	24.0	10.0	300	180	65.0
Perfluorononanoic acid (PFNA)	2.60	1.10 J	1.40 U	1.70 J	19.0
Perfluorooctanesulfonic acid (PFOS)	24.0	26.0	5.50	43.0	130
Perfluorooctanoic acid (PFOA)	21.0	16.0	120	26.0	67.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.70 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.70 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.20 J	1.30 U	1.40 U	1.40 U	1.40 U

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	Locations: 76VP-19-06	76VP-19-06	76VP-19-06	76VP-19-06	76VP-19-06
Field Sample ID:	76VP-19-06-42-46	76VP-19-06-52-56	76VP-19-06-62-66	76VP-19-06-72-76	76VP-19-06-78-82
Sample Begin Depth:	42.00	52.00	62.00	72.00	78.00
Sample End Depth:	46.00	56.00	66.00	76.00	82.00
Sample Date:	03/13/2019	03/14/2019	03/14/2019	03/14/2019	03/14/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	11.0 J	18.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.20 U	9.10 U	9.20 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.10 U	9.20 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.10 U	9.20 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	5.80	6.00	7.40	7.70	7.40
Perfluorodecanoic acid (PFDA)	4.30	0.700 J	0.660 J	0.920 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	28.0	11.0	11.0	9.30	9.60
Perfluorohexanesulfonic acid (PFHxS)	71.0	66.0	110	130	130
Perfluorohexanoic acid (PFHxA)	27.0	19.0	19.0	22.0	21.0
Perfluorononanoic acid (PFNA)	3.30	2.20	2.60	1.60 J	1.40 J
Perfluorooctanesulfonic acid (PFOS)	87.0	71.0	96.0	50.0	53.0
Perfluorooctanoic acid (PFOA)	47.0	40.0	52.0	59.0	55.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.70 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.70 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: 76VP-19-06 (FD)	76VP-19-08	76VP-19-08	76VP-19-08	76VP-19-08
Field Sample ID:	A2-VP-DUP-R1-31319	76VP-19-08-07-11	76VP-19-08-17-21	76VP-19-08-27-31	76VP-19-08-37-41
Sample Begin Depth:	42.00	7.00	17.00	27.00	37.00
Sample End Depth:	46.00	11.00	21.00	31.00	41.00
Sample Date:	03/13/2019	03/06/2019	03/06/2019	03/06/2019	03/07/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	9.30 J	81.0	63.0	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	6.50 J	9.60 J	9.10 U	9.00 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.20 U	9.30 U	9.20 U	9.10 U	9.00 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.30 U	9.20 U	9.10 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	5.70	4.30	6.00	7.60	7.40
Perfluorodecanoic acid (PFDA)	4.50	1.80 J	1.30 J	0.910 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	28.0	69.0	50.0	6.60	7.10
Perfluorohexanesulfonic acid (PFHxS)	69.0	130	150	32.0	39.0
Perfluorohexanoic acid (PFHxA)	27.0	93.0	60.0	12.0	12.0
Perfluorononanoic acid (PFNA)	3.40	12.0	9.60	1.50 J	1.30 J
Perfluorooctanesulfonic acid (PFOS)	87.0	2700	2300	27.0	55.0
Perfluorooctanoic acid (PFOA)	48.0	49.0	39.0	19.0	21.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.70 U	2.70 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 4/25/2019

	76VP-19-08	76VP-19-08	76VP-19-09	76VP-19-09	76VP-19-09
Locations:	76VP-19-08	76VP-19-08	76VP-19-09	76VP-19-09	76VP-19-09
Field Sample ID:	76VP-19-08-47-51	76VP-19-08-52-56	76VP-19-09-18-22	76VP-19-09-28-32	76VP-19-09-38-42
Sample Begin Depth:	47.00	52.00	18.00	28.00	38.00
Sample End Depth:	51.00	56.00	22.00	32.00	42.00
Sample Date:	03/07/2019	03/07/2019	03/01/2019	03/05/2019	03/05/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	8.80 U	9.20 U	9.30 U	10.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	8.80 U	9.20 U	9.30 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	8.80 U	9.20 U	9.30 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	7.50	6.60	7.30	8.20	7.70
Perfluorodecanoic acid (PFDA)	0.910 U	0.880 U	0.920 U	0.930 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	6.50	5.80	14.0	18.0	11.0
Perfluorohexanesulfonic acid (PFHxS)	31.0	30.0	86.0	120	120
Perfluorohexanoic acid (PFHxA)	10.0	10.0	24.0	30.0	19.0
Perfluorononanoic acid (PFNA)	1.30 J	0.980 J	2.50	2.70	1.40 J
Perfluorooctanesulfonic acid (PFOS)	28.0	24.0	120	130	87.0
Perfluorooctanoic acid (PFOA)	18.0	17.0	54.0	55.0	51.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.60 U	2.80 U	2.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.60 U	2.80 U	2.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	1.40 U	1.40 U	1.50 U

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	Locations: 76VP-19-09	76VP-19-09	76VP-19-09	76VP-19-09 (FD)	76VP-19-10
Field Sample ID:	76VP-19-09-48-52	76VP-19-09-58-62	76VP-19-09-8-12	A2-VP-DUP-R1-3119	76VP-19-10-12-16
Sample Begin Depth:	48.00	58.00	8.00	18.00	12.00
Sample End Depth:	52.00	62.00	12.00	22.00	16.00
Sample Date:	03/05/2019	03/05/2019	03/01/2019	03/01/2019	01/02/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	18.0 U	7.70 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.20 U	9.20 U	9.10 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.20 U	9.20 U	9.10 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.20 U	9.20 U	9.10 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	7.90	8.10	2.30	7.30	5.90
Perfluorodecanoic acid (PFDA)	0.910 U	0.920 U	0.920 U	0.890 J	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	12.0	9.30	4.70	14.0	35.0
Perfluorohexanesulfonic acid (PFHxS)	120	97.0	65.0	95.0	75.0
Perfluorohexanoic acid (PFHxA)	24.0	19.0	16.0	25.0	35.0
Perfluorononanoic acid (PFNA)	1.80	1.30 J	1.00 J	3.10	2.20
Perfluorooctanesulfonic acid (PFOS)	89.0	53.0	84.0	120	120
Perfluorooctanoic acid (PFOA)	54.0	44.0	16.0	53.0	59.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.70 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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	76VP-19-10	76VP-19-10	76VP-19-10	76VP-19-10	76VP-19-10
Locations: 76VP-19-10	76VP-19-10	76VP-19-10	76VP-19-10	76VP-19-10	76VP-19-10
Field Sample ID: 76VP-19-10-22-26	76VP-19-10-32-36	76VP-19-10-42-46	76VP-19-10-52-56	76VP-19-10-62-66	
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: 01/02/2019	01/02/2019	01/02/2019	01/02/2019	01/02/2019	
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	31.0 U	21.0 U	18.0 U	18.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	16.0 U	10.0 U	9.20 U	9.10 U	10.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	16.0 U	10.0 U	9.20 U	9.10 U	10.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	16.0 U	10.0 U	9.20 U	9.10 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	9.20	6.00	6.00	5.40	6.10
Perfluorodecanoic acid (PFDA)	1.60 U	1.00 U	0.920 U	0.910 U	1.00 U
Perfluorododecanoic acid (PFDoA)	2.30 U	1.60 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	28.0	9.80	9.40	14.0	9.90
Perfluorohexanesulfonic acid (PFHxS)	150	110	120	93.0	110
Perfluorohexanoic acid (PFHxA)	48.0	17.0	16.0	25.0	18.0
Perfluorononanoic acid (PFNA)	1.10 J	1.10 J	1.60 J	1.10 J	1.00 J
Perfluorooctanesulfonic acid (PFOS)	180	100	120	110	96.0
Perfluorooctanoic acid (PFOA)	48.0	45.0	49.0	52.0	46.0
Perfluorotetradecanoic acid (PFTA)	4.70 U	3.10 U	2.80 U	2.70 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	4.70 U	3.10 U	2.80 U	2.70 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	2.30 U	1.60 U	1.40 U	1.40 U	1.50 U

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	Locations: 76VP-19-10	76VP-19-10 (FD)	76VP-19-11	76VP-19-11	76VP-19-11
Field Sample ID:	76VP-19-10-72-76	A2-VP-DUP-R1-10219	76VP-19-11-12-16	76VP-19-11-22-26	76VP-19-11-32-36
Sample Begin Depth:	72.00	32.00	12.00	22.00	32.00
Sample End Depth:	76.00	36.00	16.00	26.00	36.00
Sample Date:	01/02/2019	01/02/2019	03/11/2019	03/11/2019	03/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	21.0 U	53.0	19.0 U	31.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	10.0 U	9.20 U	9.60 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	10.0 U	9.20 U	9.60 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	10.0 U	9.20 U	9.60 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	8.20	6.10	14.0	2.60	7.20
Perfluorodecanoic acid (PFDA)	1.00 U	1.00 U	0.920 U	0.960 U	0.920 J
Perfluorododecanoic acid (PFDoA)	1.50 U	1.60 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	10.0	10.0	320	7.30	79.0
Perfluorohexanesulfonic acid (PFHxS)	120	98.0	590	34.0	140
Perfluorohexanoic acid (PFHxA)	24.0	16.0	390	12.0	83.0
Perfluorononanoic acid (PFNA)	0.650 J	1.00 J	8.20	1.40 U	2.30
Perfluorooctanesulfonic acid (PFOS)	43.0	110	580	49.0	170
Perfluorooctanoic acid (PFOA)	46.0	47.0	160	19.0	91.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.10 U	2.80 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.10 U	2.80 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.60 U	1.40 U	1.40 U	1.40 U

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	76VP-19-11	76VP-19-11	76VP-19-11	76VP-19-11	76VP-19-11
Locations:	76VP-19-11	76VP-19-11	76VP-19-11	76VP-19-11	76VP-19-11
Field Sample ID:	76VP-19-11-42-46	76VP-19-11-52-56	76VP-19-11-62-66	76VP-19-11-72-76	76VP-19-11-82-86
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:	03/11/2019	03/11/2019	03/11/2019	03/12/2019	03/12/2019
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	9.20 U	9.10 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.20 U	9.20 U	9.10 U	9.20 U	9.10 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.10 U	9.20 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	6.10	6.30	6.10	6.90	6.80
Perfluorodecanoic acid (PFDA)	0.920 U	0.920 U	0.910 U	0.920 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)	10.0	12.0	9.50	12.0	12.0
Perfluorohexanesulfonic acid (PFHxS)	100	110	100	120	120
Perfluorohexanoic acid (PFHxA)	19.0	23.0	17.0	21.0	20.0
Perfluorononanoic acid (PFNA)	2.00	2.10	1.50 J	1.80	1.50 J
Perfluorooctanesulfonic acid (PFOS)	110	110	100	120	120
Perfluorooctanoic acid (PFOA)	51.0	58.0	50.0	62.0	57.0
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: 76VP-19-11	76VP-19-11 (FD)	76VP-19-12	76VP-19-12	76VP-19-12
Field Sample ID:	76VP-19-11-90-94	A2-VP-DUP-R1-31219	76VP-19-12-22-26	76VP-19-12-32-36	76VP-19-12-42-46
Sample Begin Depth:	90.00	82.00	22.00	32.00	42.00
Sample End Depth:	94.00	86.00	26.00	36.00	46.00
Sample Date:	03/12/2019	03/12/2019	02/07/2019	02/07/2019	02/07/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	19.0 U	21.0 U	26.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.30 U	10.0 U	13.0 U	9.60 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.30 U	10.0 U	13.0 U	9.60 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.30 U	10.0 U	13.0 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	11.0	6.60	0.520 J	6.70	5.70
Perfluorodecanoic acid (PFDA)	1.00 U	0.930 U	1.00 U	1.30 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.60 U	1.90 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	22.0	12.0	1.60 U	11.0	10.0
Perfluorohexanesulfonic acid (PFHxS)	190	130	3.10	120	80.0
Perfluorohexanoic acid (PFHxA)	41.0	21.0	0.650 J	19.0	16.0
Perfluorononanoic acid (PFNA)	2.00 J	1.60 J	1.60 U	0.900 J	2.70
Perfluorooctanesulfonic acid (PFOS)	160	110	3.10 U	87.0	110
Perfluorooctanoic acid (PFOA)	76.0	60.0	0.730 J	39.0	35.0
Perfluorotetradecanoic acid (PFTA)	3.10 U	2.80 U	3.10 U	3.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	2.80 U	3.10 U	3.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.60 U	1.90 U	1.40 U

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	Locations: 76VP-19-12	76VP-19-12	76VP-19-12	76VP-19-12	76VP-19-12 (FD)
Field Sample ID:	76VP-19-12-52-56	76VP-19-12-62-66	76VP-19-12-72-76	76VP-19-12-82-86	A2-VP-DUP-R1-2719
Sample Begin Depth:	52.00	62.00	72.00	82.00	32.00
Sample End Depth:	56.00	66.00	76.00	86.00	36.00
Sample Date:	02/07/2019	02/07/2019	02/08/2019	02/08/2019	02/07/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	170	20.0 U	54.0	79.0	28.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	6.70 J	9.90 U	4.90 J	8.40 J	14.0 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	9.90 U	10.0 U	11.0 U	14.0 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	9.90 U	10.0 U	11.0 U	14.0 U
Perfluorobutanesulfonic acid (PFBS)	17.0	7.80	9.30	12.0	6.20
Perfluorodecanoic acid (PFDA)	0.990 U	0.480 J	10.0	1.10 J	1.40 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	2.10	1.60 U	2.10 U
Perfluoroheptanoic acid (PFHpA)	110	17.0	31.0	43.0	12.0
Perfluorohexanesulfonic acid (PFHxS)	240	120	140	170	120
Perfluorohexanoic acid (PFHxA)	140	30.0	45.0	60.0	20.0
Perfluorononanoic acid (PFNA)	17.0	4.40	11.0	7.00	2.10 U
Perfluorooctanesulfonic acid (PFOS)	290	160	150	160	90.0
Perfluorooctanoic acid (PFOA)	110	59.0	72.0	75.0	38.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.00 U	3.10 U	3.20 U	4.10 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.00 U	3.10 U	3.20 U	4.10 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	4.50	1.60 U	2.10 U

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	Locations: 76VP-19-14	76VP-19-14	76VP-19-14	76VP-19-14	76VP-19-14
Field Sample ID:	76VP-19-14-12-16	76VP-19-14-22-26	76VP-19-14-32-36	76VP-19-14-42-46	76VP-19-14-52-56
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:	01/02/2019	01/02/2019	01/02/2019	01/02/2019	01/02/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	80.0	18.0 U	18.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	4.90 J	9.10 U	9.20 U	9.30 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	9.20 U	9.10 U	9.20 U	9.30 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.10 U	9.20 U	9.30 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	41.0	33.0	1.30 J	2.50	6.10
Perfluorodecanoic acid (PFDA)	0.990 J	0.910 U	0.920 U	0.930 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	370	7.60	5.40	17.0	7.20
Perfluorohexanesulfonic acid (PFHxS)	1400	240	16.0	25.0	100
Perfluorohexanoic acid (PFHxA)	1300	48.0	6.50	20.0	9.80
Perfluorononanoic acid (PFNA)	17.0	1.40 U	1.40 U	0.530 J	0.760 J
Perfluorooctanesulfonic acid (PFOS)	270	16.0	19.0	50.0	96.0
Perfluorooctanoic acid (PFOA)	180	140	11.0	19.0	25.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 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: 76VP-19-14	76VP-19-14	76VP-19-14 (FD)	76VP-19-15	76VP-19-15
Field Sample ID:	76VP-19-14-62-66	76VP-19-14-72-76	A2-VP-DUP-R2-010219	76VP-19-15-07-11	76VP-19-15-17-21
Sample Begin Depth:	62.00	72.00	52.00	7.00	17.00
Sample End Depth:	66.00	76.00	56.00	11.00	21.00
Sample Date:	01/02/2019	01/02/2019	01/02/2019	03/13/2019	03/13/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	9.70 J	7.10 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.20 U	9.20 U	2.90 J	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.20 U	9.30 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.20 U	9.30 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	4.70	8.50	6.30	92.0	4.80
Perfluorodecanoic acid (PFDA)	0.920 U	0.920 U	0.920 U	0.590 J	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	9.70	13.0	6.80	210	3.30
Perfluorohexanesulfonic acid (PFHxS)	71.0	140	99.0	2000	58.0
Perfluorohexanoic acid (PFHxA)	13.0	27.0	9.70	490	13.0
Perfluorononanoic acid (PFNA)	0.860 J	0.770 J	0.700 J	7.70	1.40 U
Perfluorooctanesulfonic acid (PFOS)	78.0	63.0	99.0	96.0	16.0
Perfluorooctanoic acid (PFOA)	30.0	57.0	24.0	110	16.0
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: 76VP-19-15	76VP-19-15	76VP-19-15	76VP-19-15	76VP-19-15 (FD)
Field Sample ID:	76VP-19-15-27-31	76VP-19-15-37-41	76VP-19-15-47-51	76VP-19-15-55-59	A2-VP-DUP-R2-031319
Sample Begin Depth:	27.00	37.00	47.00	55.00	7.00
Sample End Depth:	31.00	41.00	51.00	59.00	11.00
Sample Date:	03/14/2019	03/14/2019	03/14/2019	03/14/2019	03/13/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	18.0 U	9.60 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.20 U	9.10 U	9.20 U	9.30 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.20 U	9.10 U	9.20 U	9.30 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.20 U	9.10 U	9.20 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	1.20 J	3.10	3.00	7.50	92.0
Perfluorodecanoic acid (PFDA)	0.910 U	0.920 U	0.910 U	0.920 U	0.780 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.10	6.70	7.10	11.0	210
Perfluorohexanesulfonic acid (PFHxS)	14.0	54.0	43.0	130	2200
Perfluorohexanoic acid (PFHxA)	1.80	9.90	9.00	22.0	490
Perfluorononanoic acid (PFNA)	1.40 U	1.00 J	0.830 J	1.10 J	7.60
Perfluorooctanesulfonic acid (PFOS)	25.0	66.0	73.0	79.0	95.0
Perfluorooctanoic acid (PFOA)	7.20	28.0	26.0	55.0	110
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.70 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.70 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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	76VP-19-17	76VP-19-17	76VP-19-17	76VP-19-17	76VP-19-17
Locations: 76VP-19-17	76VP-19-17	76VP-19-17	76VP-19-17	76VP-19-17	76VP-19-17
Field Sample ID: 76VP-19-17-07-11	76VP-19-17-17-21	76VP-19-17-27-31	76VP-19-17-37-41	76VP-19-17-47-51	
Sample Begin Depth: 7.00	17.00	27.00	37.00	47.00	
Sample End Depth: 11.00	21.00	31.00	41.00	51.00	
Sample Date: 03/08/2019	03/08/2019	03/08/2019	03/08/2019	03/08/2019	
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	8.90 U	9.50 U	2.70 J	9.50 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	8.90 U	9.50 U	9.00 U	9.50 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	8.90 U	9.50 U	9.00 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	2.90	4.30	6.20	13.0	4.80
Perfluorodecanoic acid (PFDA)	3.30	1.80	0.920 J	0.900 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.40 U	1.30 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	45.0	79.0	34.0	41.0	8.50
Perfluorohexanesulfonic acid (PFHxS)	53.0	140	100	240	78.0
Perfluorohexanoic acid (PFHxA)	54.0	79.0	49.0	68.0	14.0
Perfluorononanoic acid (PFNA)	14.0	6.20	3.10	0.600 J	2.10
Perfluorooctanesulfonic acid (PFOS)	31.0	27.0	240	300	130
Perfluorooctanoic acid (PFOA)	44.0	39.0	38.0	84.0	40.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.80 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.80 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	1.40 U	1.30 U	1.40 U

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	Locations: 76VP-19-17	76VP-19-17	76VP-19-17	76VP-19-17 (FD)	76VP-19-18
Field Sample ID:	76VP-19-17-57-61	76VP-19-17-67-71	76VP-19-17-77-81	A2-VP-DUP-R2-030819	76VP-19-18-12-16
Sample Begin Depth:	57.00	67.00	77.00	57.00	12.00
Sample End Depth:	61.00	71.00	81.00	61.00	16.00
Sample Date:	03/08/2019	03/11/2019	03/11/2019	03/08/2019	01/03/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	18.0 U	21.0 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.20 U	9.20 U	9.20 U	9.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.20 U	9.20 U	9.20 U	9.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.20 U	9.20 U	9.20 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	6.30	6.30	9.50	4.90	9.30
Perfluorodecanoic acid (PFDA)	0.900 U	0.980 J	0.920 U	0.920 U	2.60
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	11.0 J	10.0	17.0	8.50 J	61.0
Perfluorohexanesulfonic acid (PFHxS)	110 J	100	180	81.0 J	220
Perfluorohexanoic acid (PFHxA)	19.0 J	18.0	32.0	13.0 J	110
Perfluorononanoic acid (PFNA)	2.50	2.80	2.10	1.90	5.40
Perfluorooctanesulfonic acid (PFOS)	140	100	130	130	130
Perfluorooctanoic acid (PFOA)	55.0	48.0	77.0	41.0	45.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.70 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.70 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.40 U	1.40 U	1.50 U

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	Locations: 76VP-19-18	76VP-19-18	76VP-19-18	76VP-19-18	76VP-19-18
Field Sample ID:	76VP-19-18-22-26	76VP-19-18-32-36	76VP-19-18-42-46	76VP-19-18-52-56	76VP-19-18-62-66
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:	01/03/2019	01/03/2019	01/03/2019	01/04/2019	01/04/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	11.0 J	21.0 U	33.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	10.0 U	16.0 U	9.80 U	9.90 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	10.0 U	16.0 U	9.80 U	9.90 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	10.0 U	16.0 U	9.80 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	6.10	7.70	9.80	6.60	9.70
Perfluorodecanoic acid (PFDA)	1.00 U	1.00 U	1.60 U	0.980 U	0.990 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	2.50 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	9.00	17.0	21.0	10.0	14.0
Perfluorohexanesulfonic acid (PFHxS)	120	140	180	140	190
Perfluorohexanoic acid (PFHxA)	17.0	25.0	35.0	19.0	31.0
Perfluorononanoic acid (PFNA)	1.50 U	1.50 U	2.50 U	2.10	1.20 J
Perfluorooctanesulfonic acid (PFOS)	120	110	140	140	140
Perfluorooctanoic acid (PFOA)	31.0	45.0	62.0	56.0	68.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.10 U	4.90 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.10 U	4.90 U	2.90 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	2.50 U	1.50 U	1.50 U

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Locations:	76VP-19-18	76VP-19-18
Field Sample ID:	76VP-19-18-72-76	76VP-19-18-81.5-85.5
Sample Begin Depth:	72.00	81.50
Sample End Depth:	76.00	85.50
Sample Date:	01/04/2019	01/04/2019
PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	9.10 J	8.30 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.60 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.60 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	9.60	12.0
Perfluorodecanoic acid (PFDA)	0.980 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	35.0	30.0
Perfluorohexanesulfonic acid (PFHxS)	190	230
Perfluorohexanoic acid (PFHxA)	47.0	58.0
Perfluorononanoic acid (PFNA)	4.30	2.30
Perfluorooctanesulfonic acid (PFOS)	170	220
Perfluorooctanoic acid (PFOA)	80.0	86.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 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