

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

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

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KOMAN, PFAS RI, Supplemental Monitoring Wells-Fall 2019

AOC 69W, Former Fuel Oil Site

Locations: ZWM-95-15X	ZWM-95-17X
Field Sample ID: ZWM-95-15X_FAL19	ZWM-95-17X_FAL19
Sample Begin Depth: 3.00	12.20
Sample End Depth: 15.87	24.76
Sample Date: 10/04/2019	10/04/2019

PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.30 J	7.60
Perfluorodecanoic acid (PFDA)	1.00 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	2.20	4.70
Perfluorohexanesulfonic acid (PFHxS)	6.70	28.0
Perfluorohexanoic acid (PFHxA)	2.90	11.0
Perfluorononanoic acid (PFNA)	1.10 J	0.960 J
Perfluorooctanesulfonic acid (PFOS)	8.80	50.0
Perfluorooctanoic acid (PFOA)	3.40	15.0
Perfluorotetradecanoic acid (PFTA)	3.00 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.50 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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	76VP-19-03	76VP-19-03	76VP-19-04	76VP-19-04	76VP-19-04
Locations: 76VP-19-03	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-19-03-61-65	76VP-19-04-17-21	76VP-19-04-27-31	76VP-19-04-37-41
Sample Begin Depth: 57.00	61.00	61.00	17.00	27.00	37.00
Sample End Depth: 61.00	65.00	65.00	21.00	31.00	41.00
Sample Date: 02/07/2019	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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	Locations: 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-19-06-12-16	76VP-19-06-22-26	76VP-19-06-32-36
Sample Begin Depth:	67.00	73.00	12.00	22.00	32.00
Sample End Depth:	71.00	77.00	16.00	26.00	36.00
Sample Date:	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-19-07	76VP-19-07	76VP-19-07	76VP-19-07
Field Sample ID:	A2-VP-DUP-R1-31319	76VP-19-07-12-16	76VP-19-07-22-26	76VP-19-07-32-36	76VP-19-07-42-46
Sample Begin Depth:	42.00	12.00	22.00	32.00	42.00
Sample End Depth:	46.00	16.00	26.00	36.00	46.00
Sample Date:	03/13/2019	04/18/2019	04/18/2019	04/19/2019	04/19/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	9.30 J	19.0 U	30.0 J	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.40 U	42.0	9.30 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.40 U	9.20 U	9.30 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.40 U	9.20 U	9.30 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	5.70	61.0	15.0	4.90	4.60
Perfluorodecanoic acid (PFDA)	4.50	0.940 U	0.960 J	0.930 U	1.20 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	11.0	1.40 U
Perfluoroheptanoic acid (PFHpA)	28.0	3.00	40.0	6.80	6.10
Perfluorohexanesulfonic acid (PFHxS)	69.0	21.0	330	24.0	24.0
Perfluorohexanoic acid (PFHxA)	27.0	10.0	120	11.0	11.0
Perfluorononanoic acid (PFNA)	3.40	1.40 U	4.10	0.790 J	1.20 J
Perfluorooctanesulfonic acid (PFOS)	87.0	56.0	630	25.0	33.0
Perfluorooctanoic acid (PFOA)	48.0	6.40	110	14.0	14.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 J	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	11.0	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.60 J	0.820 J

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	Locations: 76VP-19-07	76VP-19-07	76VP-19-07	76VP-19-08	76VP-19-08
Field Sample ID:	76VP-19-07-52-56	76VP-19-07-62-66	76VP-19-07-71-75	76VP-19-08-07-11	76VP-19-08-17-21
Sample Begin Depth:	52.00	62.00	71.00	7.00	17.00
Sample End Depth:	56.00	66.00	75.00	11.00	21.00
Sample Date:	04/19/2019	04/19/2019	04/22/2019	03/06/2019	03/06/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	81.0	63.0
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.20 U	9.60 U	6.50 J	9.60 J
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.60 U	9.30 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.60 U	9.30 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	5.00	4.80	5.30	4.30	6.00
Perfluorodecanoic acid (PFDA)	0.920 U	0.920 U	0.960 U	1.80 J	1.30 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	8.60	6.60	7.30	69.0	50.0
Perfluorohexanesulfonic acid (PFHxS)	40.0	29.0	37.0	130	150
Perfluorohexanoic acid (PFHxA)	16.0	11.0	13.0	93.0	60.0
Perfluorononanoic acid (PFNA)	0.880 J	0.930 J	1.10 J	12.0	9.60
Perfluorooctanesulfonic acid (PFOS)	47.0	40.0	40.0	2700	2300
Perfluorooctanoic acid (PFOA)	18.0	16.0	19.0	49.0	39.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 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: 76VP-19-08	76VP-19-08	76VP-19-08	76VP-19-08	76VP-19-09
Field Sample ID:	76VP-19-08-27-31	76VP-19-08-37-41	76VP-19-08-47-51	76VP-19-08-52-56	76VP-19-09-18-22
Sample Begin Depth:	27.00	37.00	47.00	52.00	18.00
Sample End Depth:	31.00	41.00	51.00	56.00	22.00
Sample Date:	03/06/2019	03/07/2019	03/07/2019	03/07/2019	03/01/2019
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)	9.10 U	9.00 U	9.10 U	8.80 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.00 U	9.10 U	8.80 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.00 U	9.10 U	8.80 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	7.60	7.40	7.50	6.60	7.30
Perfluorodecanoic acid (PFDA)	0.910 U	0.900 U	0.910 U	0.880 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.30 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	6.60	7.10	6.50	5.80	14.0
Perfluorohexanesulfonic acid (PFHxS)	32.0	39.0	31.0	30.0	86.0
Perfluorohexanoic acid (PFHxA)	12.0	12.0	10.0	10.0	24.0
Perfluorononanoic acid (PFNA)	1.50 J	1.30 J	1.30 J	0.980 J	2.50
Perfluorooctanesulfonic acid (PFOS)	27.0	55.0	28.0	24.0	120
Perfluorooctanoic acid (PFOA)	19.0	21.0	18.0	17.0	54.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.70 U	2.60 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.70 U	2.60 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.30 U	1.40 U

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	76VP-19-09	76VP-19-09	76VP-19-09	76VP-19-09	76VP-19-09
Locations:	76VP-19-09	76VP-19-09	76VP-19-09	76VP-19-09	76VP-19-09
Field Sample ID:	76VP-19-09-28-32	76VP-19-09-38-42	76VP-19-09-48-52	76VP-19-09-58-62	76VP-19-09-8-12
Sample Begin Depth:	28.00	38.00	48.00	58.00	8.00
Sample End Depth:	32.00	42.00	52.00	62.00	12.00
Sample Date:	03/05/2019	03/05/2019	03/05/2019	03/05/2019	03/01/2019
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)	9.30 U	10.0 U	9.10 U	9.20 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	10.0 U	9.10 U	9.20 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	10.0 U	9.10 U	9.20 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	8.20	7.70	7.90	8.10	2.30
Perfluorodecanoic acid (PFDA)	0.930 U	1.00 U	0.910 U	0.920 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	18.0	11.0	12.0	9.30	4.70
Perfluorohexanesulfonic acid (PFHxS)	120	120	120	97.0	65.0
Perfluorohexanoic acid (PFHxA)	30.0	19.0	24.0	19.0	16.0
Perfluorononanoic acid (PFNA)	2.70	1.40 J	1.80	1.30 J	1.00 J
Perfluorooctanesulfonic acid (PFOS)	130	87.0	89.0	53.0	84.0
Perfluorooctanoic acid (PFOA)	55.0	51.0	54.0	44.0	16.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.00 U	2.70 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.00 U	2.70 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: 76VP-19-09 (FD)	76VP-19-10	76VP-19-10	76VP-19-10	76VP-19-10
Field Sample ID:	A2-VP-DUP-R1-3119	76VP-19-10-12-16	76VP-19-10-22-26	76VP-19-10-32-36	76VP-19-10-42-46
Sample Begin Depth:	18.00	12.00	22.00	32.00	42.00
Sample End Depth:	22.00	16.00	26.00	36.00	46.00
Sample Date:	03/01/2019	01/02/2019	01/02/2019	01/02/2019	01/02/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	7.70 J	31.0 U	21.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.10 U	16.0 U	10.0 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.10 U	16.0 U	10.0 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.10 U	16.0 U	10.0 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	7.30	5.90	9.20	6.00	6.00
Perfluorodecanoic acid (PFDA)	0.890 J	0.910 U	1.60 U	1.00 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	2.30 U	1.60 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	14.0	35.0	28.0	9.80	9.40
Perfluorohexanesulfonic acid (PFHxS)	95.0	75.0	150	110	120
Perfluorohexanoic acid (PFHxA)	25.0	35.0	48.0	17.0	16.0
Perfluorononanoic acid (PFNA)	3.10	2.20	1.10 J	1.10 J	1.60 J
Perfluorooctanesulfonic acid (PFOS)	120	120	180	100	120
Perfluorooctanoic acid (PFOA)	53.0	59.0	48.0	45.0	49.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	4.70 U	3.10 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	4.70 U	3.10 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	2.30 U	1.60 U	1.40 U

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	Locations: 76VP-19-10	76VP-19-10	76VP-19-10	76VP-19-10 (FD)	76VP-19-11
Field Sample ID:	76VP-19-10-52-56	76VP-19-10-62-66	76VP-19-10-72-76	A2-VP-DUP-R1-10219	76VP-19-11-12-16
Sample Begin Depth:	52.00	62.00	72.00	32.00	12.00
Sample End Depth:	56.00	66.00	76.00	36.00	16.00
Sample Date:	01/02/2019	01/02/2019	01/02/2019	01/02/2019	03/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	20.0 U	20.0 U	21.0 U	53.0
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	10.0 U	10.0 U	10.0 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	10.0 U	10.0 U	10.0 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	10.0 U	10.0 U	10.0 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	5.40	6.10	8.20	6.10	14.0
Perfluorodecanoic acid (PFDA)	0.910 U	1.00 U	1.00 U	1.00 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.50 U	1.60 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	14.0	9.90	10.0	10.0	320
Perfluorohexanesulfonic acid (PFHxS)	93.0	110	120	98.0	590
Perfluorohexanoic acid (PFHxA)	25.0	18.0	24.0	16.0	390
Perfluorononanoic acid (PFNA)	1.10 J	1.00 J	0.650 J	1.00 J	8.20
Perfluorooctanesulfonic acid (PFOS)	110	96.0	43.0	110	580
Perfluorooctanoic acid (PFOA)	52.0	46.0	46.0	47.0	160
Perfluorotetradecanoic acid (PFTA)	2.70 U	3.00 U	3.00 U	3.10 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	3.00 U	3.00 U	3.10 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.50 U	1.60 U	1.40 U

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	Locations: 76VP-19-11	76VP-19-11	76VP-19-11	76VP-19-11	76VP-19-11
Field Sample ID:	76VP-19-11-22-26	76VP-19-11-32-36	76VP-19-11-42-46	76VP-19-11-52-56	76VP-19-11-62-66
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:	03/11/2019	03/11/2019	03/11/2019	03/11/2019	03/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	31.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.30 U	9.20 U	9.20 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.30 U	9.20 U	9.20 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.30 U	9.20 U	9.20 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	2.60	7.20	6.10	6.30	6.10
Perfluorodecanoic acid (PFDA)	0.960 U	0.920 J	0.920 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)	7.30	79.0	10.0	12.0	9.50
Perfluorohexanesulfonic acid (PFHxS)	34.0	140	100	110	100
Perfluorohexanoic acid (PFHxA)	12.0	83.0	19.0	23.0	17.0
Perfluorononanoic acid (PFNA)	1.40 U	2.30	2.00	2.10	1.50 J
Perfluorooctanesulfonic acid (PFOS)	49.0	170	110	110	100
Perfluorooctanoic acid (PFOA)	19.0	91.0	51.0	58.0	50.0
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	1.40 U

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	Locations: 76VP-19-11	76VP-19-11	76VP-19-11	76VP-19-11 (FD)	76VP-19-12
Field Sample ID:	76VP-19-11-72-76	76VP-19-11-82-86	76VP-19-11-90-94	A2-VP-DUP-R1-31219	76VP-19-12-22-26
Sample Begin Depth:	72.00	82.00	90.00	82.00	22.00
Sample End Depth:	76.00	86.00	94.00	86.00	26.00
Sample Date:	03/12/2019	03/12/2019	03/12/2019	03/12/2019	02/07/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	21.0 U	19.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.10 U	10.0 U	9.30 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.10 U	10.0 U	9.30 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.10 U	10.0 U	9.30 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	6.90	6.80	11.0	6.60	0.520 J
Perfluorodecanoic acid (PFDA)	0.920 U	0.910 U	1.00 U	0.930 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	12.0	12.0	22.0	12.0	1.60 U
Perfluorohexanesulfonic acid (PFHxS)	120	120	190	130	3.10
Perfluorohexanoic acid (PFHxA)	21.0	20.0	41.0	21.0	0.650 J
Perfluorononanoic acid (PFNA)	1.80	1.50 J	2.00 J	1.60 J	1.60 U
Perfluorooctanesulfonic acid (PFOS)	120	120	160	110	3.10 U
Perfluorooctanoic acid (PFOA)	62.0	57.0	76.0	60.0	0.730 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	3.10 U	2.80 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	3.10 U	2.80 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.40 U	1.60 U

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	Locations: 76VP-19-12	76VP-19-12	76VP-19-12	76VP-19-12	76VP-19-12
Field Sample ID:	76VP-19-12-32-36	76VP-19-12-42-46	76VP-19-12-52-56	76VP-19-12-62-66	76VP-19-12-72-76
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:	02/07/2019	02/07/2019	02/07/2019	02/07/2019	02/08/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	26.0 U	19.0 U	170	20.0 U	54.0
8:2 Fluorotelomer sulfonate (8:2 FTS)	13.0 U	9.60 U	6.70 J	9.90 U	4.90 J
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	13.0 U	9.60 U	9.90 U	9.90 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	13.0 U	9.60 U	9.90 U	9.90 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	6.70	5.70	17.0	7.80	9.30
Perfluorodecanoic acid (PFDA)	1.30 U	0.960 U	0.990 U	0.480 J	10.0
Perfluorododecanoic acid (PFDoA)	1.90 U	1.40 U	1.50 U	1.50 U	2.10
Perfluoroheptanoic acid (PFHpA)	11.0	10.0	110	17.0	31.0
Perfluorohexanesulfonic acid (PFHxS)	120	80.0	240	120	140
Perfluorohexanoic acid (PFHxA)	19.0	16.0	140	30.0	45.0
Perfluorononanoic acid (PFNA)	0.900 J	2.70	17.0	4.40	11.0
Perfluorooctanesulfonic acid (PFOS)	87.0	110	290	160	150
Perfluorooctanoic acid (PFOA)	39.0	35.0	110	59.0	72.0
Perfluorotetradecanoic acid (PFTA)	3.90 U	2.90 U	3.00 U	3.00 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	3.90 U	2.90 U	3.00 U	3.00 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.90 U	1.40 U	1.50 U	1.50 U	4.50

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	Locations: 76VP-19-12	76VP-19-12 (FD)	76VP-19-13	76VP-19-13	76VP-19-13
Field Sample ID:	76VP-19-12-82-86	A2-VP-DUP-R1-2719	76VP-19-13-17-21	76VP-19-13-27-31	76VP-19-13-37-41
Sample Begin Depth:	82.00	32.00	17.00	27.00	37.00
Sample End Depth:	86.00	36.00	21.00	31.00	41.00
Sample Date:	02/08/2019	02/07/2019	04/11/2019	04/11/2019	04/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	79.0	28.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.40 J	14.0 U	9.30 U	9.10 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	14.0 U	9.30 U	9.10 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	14.0 U	9.30 U	9.10 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	12.0	6.20	1.80 J	2.80	1.30 J
Perfluorodecanoic acid (PFDA)	1.10 J	1.40 U	0.930 U	0.910 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.60 U	2.10 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	43.0	12.0	2.00	5.10	3.00
Perfluorohexanesulfonic acid (PFHxS)	170	120	5.10	11.0	5.70
Perfluorohexanoic acid (PFHxA)	60.0	20.0	2.90	9.10	4.00
Perfluorononanoic acid (PFNA)	7.00	2.10 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	160	90.0	2.80 U	2.70 U	13.0
Perfluorooctanoic acid (PFOA)	75.0	38.0	4.60	12.0	21.0
Perfluorotetradecanoic acid (PFTA)	3.20 U	4.10 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.20 U	4.10 U	2.80 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	2.10 U	1.40 U	1.40 U	1.40 U

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	Locations: 76VP-19-13	76VP-19-13	76VP-19-13	76VP-19-13	76VP-19-13 (FD)
Field Sample ID:	76VP-19-13-47-51	76VP-19-13-57-61	76VP-19-13-67-71	76VP-19-13-76-80	A2-VP-DUP-R2-041119
Sample Begin Depth:	47.00	57.00	67.00	76.00	17.00
Sample End Depth:	51.00	61.00	71.00	80.00	21.00
Sample Date:	04/12/2019	04/12/2019	04/12/2019	04/12/2019	04/11/2019
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	9.10 U	9.20 U	9.00 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.10 U	9.20 U	9.00 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.10 U	9.20 U	9.00 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	1.00 J	0.540 J	15.0	19.0	1.70 J
Perfluorodecanoic acid (PFDA)	0.920 U	0.910 U	0.920 U	0.900 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)	2.80	0.580 J	15.0	15.0	1.80
Perfluorohexanesulfonic acid (PFHxS)	5.80	2.00	310	380	5.50
Perfluorohexanoic acid (PFHxA)	3.70	0.710 J	45.0	53.0	2.60
Perfluorononanoic acid (PFNA)	1.40 U	0.820 J	1.20 J	0.970 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	24.0	11.0	450	450	2.80 U
Perfluorooctanoic acid (PFOA)	13.0	3.00	71.0	83.0	3.70
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	3.60 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.80 U	1.40 U	1.40 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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	Locations: 76VP-19-16	76VP-19-16	76VP-19-16	76VP-19-16	76VP-19-16
Field Sample ID:	76VP-19-16-32-36	76VP-19-16-42-46	76VP-19-16-52-56	76VP-19-16-62-66	76VP-19-16-67-71
Sample Begin Depth:	32.00	42.00	52.00	62.00	67.00
Sample End Depth:	36.00	46.00	56.00	66.00	71.00
Sample Date:	04/25/2019	04/25/2019	04/25/2019	04/26/2019	04/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	6.90 J	12.0 J	120	190
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.10 U	9.10 U	9.20 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.10 U	9.10 U	9.20 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.10 U	9.10 U	9.20 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	6.20	10.0	5.40	14.0	24.0
Perfluorodecanoic acid (PFDA)	0.920 U	0.910 U	0.910 U	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)	14.0	23.0	22.0	68.0	67.0
Perfluorohexanesulfonic acid (PFHxS)	120	240	100	240	410
Perfluorohexanoic acid (PFHxA)	21.0	37.0	35.0	120	140
Perfluorononanoic acid (PFNA)	1.40 U	1.50 J	2.10	3.90	1.70 J
Perfluorooctanesulfonic acid (PFOS)	140	310	130	170	290
Perfluorooctanoic acid (PFOA)	32.0	48.0	33.0	68.0	90.0
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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	Locations: 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	76VP-19-19	76VP-19-19	76VP-19-19
Field Sample ID:	76VP-19-18-72-76	76VP-19-18-81.5-85.5	76VP-19-19-17-21	76VP-19-19-27-31	76VP-19-19-37-41
Sample Begin Depth:	72.00	81.50	17.00	27.00	37.00
Sample End Depth:	76.00	85.50	21.00	31.00	41.00
Sample Date:	01/04/2019	01/04/2019	04/09/2019	04/09/2019	04/09/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	9.10 J	8.30 J	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.60 U	9.40 U	9.10 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.60 U	9.40 U	9.10 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.60 U	9.40 U	9.10 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	9.60	12.0	3.90	13.0	9.90
Perfluorodecanoic acid (PFDA)	0.980 U	0.960 U	0.940 U	0.910 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.40 U	2.70
Perfluoroheptanoic acid (PFHpA)	35.0	30.0	27.0	9.40	7.80
Perfluorohexanesulfonic acid (PFHxS)	190	230	78.0	190	170
Perfluorohexanoic acid (PFHxA)	47.0	58.0	41.0	29.0	25.0
Perfluorononanoic acid (PFNA)	4.30	2.30	2.50	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	170	220	110	78.0	70.0
Perfluorooctanoic acid (PFOA)	80.0	86.0	32.0	44.0	43.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.80 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.80 U	2.70 U	1.10 J
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.40 U	0.990 J

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	76VP-19-19	76VP-19-19	76VP-19-19	76VP-19-19	76VP-19-19
Locations: 76VP-19-19	76VP-19-19	76VP-19-19	76VP-19-19	76VP-19-19	76VP-19-19
Field Sample ID: 76VP-19-19-47-51	76VP-19-19-57-61	76VP-19-19-67-71	76VP-19-19-7-11	76VP-19-19-77-81	
Sample Begin Depth: 47.00	57.00	67.00	7.00	77.00	
Sample End Depth: 51.00	61.00	71.00	11.00	81.00	
Sample Date: 04/09/2019	04/09/2019	04/10/2019	04/08/2019	04/10/2019	
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	9.10 U	9.20 U	9.20 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.10 U	9.20 U	9.20 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.10 U	9.20 U	9.20 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	5.80	6.00	6.10	4.10	12.0
Perfluorodecanoic acid (PFDA)	0.920 U	5.80	0.920 U	0.530 J	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	5.40	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	8.40	8.30	3.00	3.70	7.80
Perfluorohexanesulfonic acid (PFHxS)	100	100	66.0	37.0	160
Perfluorohexanoic acid (PFHxA)	21.0	21.0	12.0	7.70	27.0
Perfluorononanoic acid (PFNA)	1.40 U	2.00	1.40 U	1.50 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	44.0	43.0	6.50	43.0	48.0
Perfluorooctanoic acid (PFOA)	40.0	39.0	14.0	4.70	41.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	1.30 J	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.60 J	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	12.0	1.40 U	1.40 U	1.40 U

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	76VP-19-19	76VP-19-20	76VP-19-20	76VP-19-20	76VP-19-20
Locations:	76VP-19-19	76VP-19-20	76VP-19-20	76VP-19-20	76VP-19-20
Field Sample ID:	76VP-19-19-86-90	76VP-19-20-17-21	76VP-19-20-27-31	76VP-19-20-37-41	76VP-19-20-47-51
Sample Begin Depth:	86.00	17.00	27.00	37.00	47.00
Sample End Depth:	90.00	21.00	31.00	41.00	51.00
Sample Date:	04/10/2019	04/16/2019	04/16/2019	04/16/2019	04/17/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	79.0	18.0 U	64.0
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.10 U	9.10 U	9.10 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.10 U	9.10 U	9.10 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.10 U	9.10 U	9.10 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	9.60	1.00 J	8.40	4.90	11.0
Perfluorodecanoic acid (PFDA)	0.940 U	0.910 U	0.910 U	0.910 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 J	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	18.0	0.910 J	68.0	41.0	96.0
Perfluorohexanesulfonic acid (PFHxS)	180	6.20	120	55.0	160
Perfluorohexanoic acid (PFHxA)	39.0	1.70 J	94.0	55.0	120
Perfluorononanoic acid (PFNA)	0.860 J	1.40 U	2.10	8.20	6.40
Perfluorooctanesulfonic acid (PFOS)	110	3.20 J	63.0	68.0	120
Perfluorooctanoic acid (PFOA)	65.0	5.00	63.0	35.0	80.0
Perfluorotetradecanoic acid (PFTA)	0.950 J	2.70 U	2.70 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	1.70 J	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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	Locations: 76VP-19-20	76VP-19-20	76VP-19-20	76VP-19-20	76VP-19-20 (FD)
Field Sample ID:	76VP-19-20-57-61	76VP-19-20-67-71	76VP-19-20-7-11	76VP-19-20-77-81	A2-VP-DUP-R2-041719
Sample Begin Depth:	57.00	67.00	7.00	77.00	57.00
Sample End Depth:	61.00	71.00	11.00	81.00	61.00
Sample Date:	04/17/2019	04/17/2019	04/18/2019	04/17/2019	04/17/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	71.0	19.0 U	110	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.20 U	9.30 U	7.70 J	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.30 U	9.10 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.30 U	9.10 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	4.00	9.20	0.610 J	9.20	4.00
Perfluorodecanoic acid (PFDA)	0.920 U	0.920 U	0.930 U	0.910 U	0.920 U
Perfluorododecanoic acid (PFDoA)	15.0 J	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	27.0	74.0	4.50	77.0	27.0
Perfluorohexanesulfonic acid (PFHxS)	35.0	94.0	1.90 U	110	35.0
Perfluorohexanoic acid (PFHxA)	38.0	98.0	6.40	100	36.0
Perfluorononanoic acid (PFNA)	5.20	14.0	1.40 U	13.0	5.40
Perfluorooctanesulfonic acid (PFOS)	65.0	140	5.70	170	65.0
Perfluorooctanoic acid (PFOA)	21.0	59.0	19.0	68.0	22.0
Perfluorotetradecanoic acid (PFTA)	2.60 J	2.80 U	2.80 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	9.50 J	2.80 U	2.80 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	2.20 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 76VP-19-21	76VP-19-21	76VP-19-21	76VP-19-21	76VP-19-21
Field Sample ID:	76VP-19-21-27-31	76VP-19-21-37-41	76VP-19-21-47-51	76VP-19-21-57-61	76VP-19-21-67-71
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:	04/22/2019	04/22/2019	04/22/2019	04/23/2019	04/23/2019
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	9.30 U	9.20 U	9.60 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.30 U	9.20 U	9.60 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.30 U	9.20 U	9.60 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	17.0	16.0	5.00	5.60	4.00
Perfluorodecanoic acid (PFDA)	0.930 U	0.930 U	0.920 U	0.960 U	0.980 J
Perfluorododecanoic acid (PFDoA)	0.560 J	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	26.0	14.0	5.40	8.70	3.40
Perfluorohexanesulfonic acid (PFHxS)	12.0	18.0	46.0	75.0	21.0
Perfluorohexanoic acid (PFHxA)	67.0	29.0	12.0	21.0	5.90
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	0.510 J	0.760 J	0.680 J
Perfluorooctanesulfonic acid (PFOS)	5.60	9.00	26.0	54.0	4.00
Perfluorooctanoic acid (PFOA)	22.0	19.0	14.0	24.0	8.70
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.10 J	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 76VP-19-21	76VP-19-21 (FD)	76VP-19-22	76VP-19-22	76VP-19-22
Field Sample ID:	76VP-19-21-73-77	A2-VP-DUP-R2-042219	76VP-19-22-22-26	76VP-19-22-32-36	76VP-19-22-42-46
Sample Begin Depth:	73.00	37.00	22.00	32.00	42.00
Sample End Depth:	77.00	41.00	26.00	36.00	46.00
Sample Date:	04/23/2019	04/22/2019	04/18/2019	04/18/2019	04/19/2019
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)	9.30 U	9.40 U	9.40 U	9.20 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.40 U	9.40 U	9.20 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.40 U	9.40 U	9.20 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	5.50	16.0	6.80	5.00	5.70
Perfluorodecanoic acid (PFDA)	0.930 U	0.940 U	0.940 U	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)	6.10	14.0	20.0	15.0	19.0
Perfluorohexanesulfonic acid (PFHxS)	36.0	18.0	78.0	66.0	67.0
Perfluorohexanoic acid (PFHxA)	12.0	29.0	37.0	27.0	31.0
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	2.00	2.00	2.10
Perfluorooctanesulfonic acid (PFOS)	12.0	9.40	69.0	100	84.0
Perfluorooctanoic acid (PFOA)	16.0	20.0	27.0	25.0	26.0
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: 76VP-19-22	76VP-19-22	76VP-19-22	76VP-19-22	76VP-19-23
Field Sample ID:	76VP-19-22-52-56	76VP-19-22-62-66	76VP-19-22-72-76	76VP-19-22-79.5-83.5	76VP-19-23-12-16
Sample Begin Depth:	52.00	62.00	72.00	79.50	12.00
Sample End Depth:	56.00	66.00	76.00	83.50	16.00
Sample Date:	04/19/2019	04/19/2019	04/19/2019	04/19/2019	04/05/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	22.0 U	18.0 U	18.0 U	7.70 J	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	9.20 U	9.20 U	9.30 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	9.20 U	9.20 U	9.30 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	9.20 U	9.20 U	9.30 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	4.70	4.40	4.30	12.0	7.10
Perfluorodecanoic acid (PFDA)	1.10 U	2.10	0.920 U	0.930 U	0.680 J
Perfluorododecanoic acid (PFDoA)	1.70 U	0.540 J	1.40 U	1.40 U	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	16.0	17.0	18.0	28.0	22.0
Perfluorohexanesulfonic acid (PFHxS)	66.0	49.0	63.0	180	110
Perfluorohexanoic acid (PFHxA)	32.0	29.0	28.0	52.0	45.0
Perfluorononanoic acid (PFNA)	1.60 J	1.20 J	1.50 J	0.970 J	2.00
Perfluorooctanesulfonic acid (PFOS)	72.0	68.0	89.0	110	250
Perfluorooctanoic acid (PFOA)	23.0	24.0	28.0	50.0	31.0
Perfluorotetradecanoic acid (PFTA)	3.40 U	2.80 U	2.80 U	2.80 U	2.90 UJ
Perfluorotridecanoic acid (PFTrDA)	3.40 U	2.80 U	2.80 U	2.80 U	2.90 UJ
Perfluoroundecanoic acid (PFUnA)	1.70 U	1.60 J	1.80	1.40 U	5.60

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	Locations: 76VP-19-23	76VP-19-23	76VP-19-23	76VP-19-23 (FD)	76VP-19-24
Field Sample ID:	76VP-19-23-22-26	76VP-19-23-32-36	76VP-19-23-39-43	A2-VP-DUP-R2-040819	76VP-19-24-17-21
Sample Begin Depth:	22.00	32.00	39.00	32.00	17.00
Sample End Depth:	26.00	36.00	43.00	36.00	21.00
Sample Date:	04/05/2019	04/08/2019	04/08/2019	04/08/2019	05/16/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	13.0 J	18.0 J	13.0 J	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.60 U	9.20 U	9.20 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.60 U	9.20 U	9.20 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.60 U	9.20 U	9.20 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	7.90	13.0	12.0	13.0	6.40
Perfluorodecanoic acid (PFDA)	0.910 U	0.960 U	0.920 U	0.920 U	0.600 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	26.0	20.0	22.0	19.0	7.30
Perfluorohexanesulfonic acid (PFHxS)	130	210	180	210	24.0
Perfluorohexanoic acid (PFHxA)	47.0	51.0	52.0	49.0	12.0
Perfluorononanoic acid (PFNA)	2.80	1.40 U	1.40 U	1.40 U	0.820 J
Perfluorooctanesulfonic acid (PFOS)	250	170	150	170	22.0
Perfluorooctanoic acid (PFOA)	38.0	45.0	44.0	43.0	20.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.90 U	2.80 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.90 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	1.50 U

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	76VP-19-24	76VP-19-24	76VP-19-24	76VP-19-24	76VP-19-24
Locations: 76VP-19-24	76VP-19-24	76VP-19-24	76VP-19-24	76VP-19-24	76VP-19-24
Field Sample ID: 76VP-19-24-27-31	76VP-19-24-37-41	76VP-19-24-47-51	76VP-19-24-57-61	76VP-19-24-67-71	
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: 05/16/2019	05/16/2019	05/16/2019	05/17/2019	05/17/2019	
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.60 U	9.50 U	9.60 U	9.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.60 U	9.50 U	9.60 U	9.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.60 U	9.50 U	9.60 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	2.30	1.30 J	1.60 J	2.00	2.10
Perfluorodecanoic acid (PFDA)	1.00 J	0.960 U	0.950 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)	3.70	2.90	3.30	2.80	2.50
Perfluorohexanesulfonic acid (PFHxS)	17.0	10.0	12.0	16.0	19.0
Perfluorohexanoic acid (PFHxA)	6.80	2.50	4.60	4.00	4.20
Perfluorononanoic acid (PFNA)	0.790 J	0.850 J	0.800 J	1.40 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	19.0	5.90	6.80	9.00	9.90
Perfluorooctanoic acid (PFOA)	11.0	7.20	9.30	8.60	8.20
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.80 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 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

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	Locations: 76VP-19-24	76VP-19-24	76VP-19-24	76VP-19-24	76VP-19-25
Field Sample ID:	76VP-19-24-7-11	76VP-19-24-77-81	76VP-19-24-87-91	76VP-19-24-92-96	76VP-19-25-22-26
Sample Begin Depth:	7.00	77.00	87.00	92.00	22.00
Sample End Depth:	11.00	81.00	91.00	96.00	26.00
Sample Date:	05/16/2019	05/17/2019	05/17/2019	05/20/2019	04/09/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	20.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.30 U	9.90 U	9.10 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.30 U	9.90 U	9.10 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.30 U	9.90 U	9.10 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	2.70	1.50 J	2.80	2.20	4.80
Perfluorodecanoic acid (PFDA)	0.690 J	0.930 U	0.990 U	0.910 U	0.890 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	4.40	1.30 J	0.920 J	1.70 J	11.0
Perfluorohexanesulfonic acid (PFHxS)	28.0	14.0	21.0	19.0	53.0
Perfluorohexanoic acid (PFHxA)	11.0	3.70	3.10	5.90	18.0
Perfluorononanoic acid (PFNA)	1.30 J	1.40 U	1.50 U	1.40 U	1.10 J
Perfluorooctanesulfonic acid (PFOS)	37.0	1.40 J	1.60 J	4.30	62.0
Perfluorooctanoic acid (PFOA)	14.0	4.40	3.50	6.20	18.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	3.00 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 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	1.30 U

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	76VP-19-25	76VP-19-25	76VP-19-25	76VP-19-25	76VP-19-25
Locations: 76VP-19-25	76VP-19-25	76VP-19-25	76VP-19-25	76VP-19-25	76VP-19-25
Field Sample ID: 76VP-19-25-32-36	76VP-19-25-42-46	76VP-19-25-52-56	76VP-19-25-62-66	76VP-19-25-72-76	
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: 04/09/2019	04/09/2019	04/10/2019	04/10/2019	04/10/2019	
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	17.0 U	18.0 U	18.0 U	17.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	8.70 U	9.10 U	8.80 U	8.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	8.70 U	9.10 U	8.80 U	8.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	8.70 U	9.10 U	8.80 U	8.70 U
Perfluorobutanesulfonic acid (PFBS)	5.10	4.90	6.80	6.10	7.30
Perfluorodecanoic acid (PFDA)	0.900 U	0.870 U	0.910 U	0.880 U	0.870 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.30 U	1.40 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	16.0	12.0	18.0	20.0	15.0
Perfluorohexanesulfonic acid (PFHxS)	49.0	56.0	83.0	87.0	90.0
Perfluorohexanoic acid (PFHxA)	29.0	19.0	35.0	36.0	30.0
Perfluorononanoic acid (PFNA)	2.20	0.870 J	1.70 J	1.90	0.880 J
Perfluorooctanesulfonic acid (PFOS)	76.0	59.0	95.0	100	74.0
Perfluorooctanoic acid (PFOA)	24.0	19.0	28.0	27.0	25.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.60 U	2.70 U	2.60 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.60 U	2.70 U	2.60 U	2.60 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.30 U	1.40 U	1.30 U	1.30 U

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	76VP-19-25	76VP-19-26	76VP-19-26	76VP-19-26	76VP-19-26
Locations:	76VP-19-25	76VP-19-26	76VP-19-26	76VP-19-26	76VP-19-26
Field Sample ID:	76VP-19-25-81.5-85.5	76VP-19-26-22-26	76VP-19-26-32-36	76VP-19-26-42-46	76VP-19-26-48-52
Sample Begin Depth:	81.50	22.00	32.00	42.00	48.00
Sample End Depth:	85.50	26.00	36.00	46.00	52.00
Sample Date:	04/10/2019	04/11/2019	04/11/2019	04/11/2019	04/12/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.30 U	9.20 U	9.10 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.30 U	9.20 U	9.10 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.30 U	9.20 U	9.10 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	7.90	3.60	12.0	1.90	2.20
Perfluorodecanoic acid (PFDA)	0.900 U	0.930 U	3.60	0.910 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	9.80	13.0	22.0	4.30	4.30
Perfluorohexanesulfonic acid (PFHxS)	100	7.00	13.0	12.0	13.0
Perfluorohexanoic acid (PFHxA)	24.0	9.20	32.0	9.10	11.0
Perfluorononanoic acid (PFNA)	1.30 U	4.40	9.80	0.950 J	0.950 J
Perfluorooctanesulfonic acid (PFOS)	61.0	1.90 J	17.0	8.20	8.80
Perfluorooctanoic acid (PFOA)	26.0	30.0	38.0	9.30	9.00
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)	1.30 U	1.40 U	1.40 U	1.40 U	1.40 U

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	76VP-19-26 (FD)	76VP-19-26 (FD)	76VP-19-27	76VP-19-27	76VP-19-27
Locations:	76VP-19-26 (FD)	76VP-19-26 (FD)	76VP-19-27	76VP-19-27	76VP-19-27
Field Sample ID:	A2-VP-DUP-R1-41119	A2-VP-DUP-R1-41219	76VP-19-27-22-26	76VP-19-27-32-36	76VP-19-27-42-46
Sample Begin Depth:	42.00	48.00	22.00	32.00	42.00
Sample End Depth:	46.00	52.00	26.00	36.00	46.00
Sample Date:	04/11/2019	04/12/2019	04/08/2019	04/08/2019	04/08/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	18.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.20 U	9.10 U	8.80 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.10 U	8.80 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.10 U	8.80 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	1.90	2.00	11.0	8.10	8.80
Perfluorodecanoic acid (PFDA)	0.920 U	0.920 U	0.520 J	0.560 J	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.30 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	4.50	4.00	18.0	17.0	17.0
Perfluorohexanesulfonic acid (PFHxS)	12.0	13.0	91.0	88.0	90.0
Perfluorohexanoic acid (PFHxA)	8.90	10.0	35.0	34.0	34.0
Perfluorononanoic acid (PFNA)	1.10 J	0.890 J	1.60 J	1.70 J	2.20
Perfluorooctanesulfonic acid (PFOS)	9.00	9.50	110	110	160
Perfluorooctanoic acid (PFOA)	8.70	8.90	29.0	27.0	26.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.70 U	2.60 U	3.20 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.70 U	2.60 U	3.20 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.30 U	1.60 U

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	Locations: 76VP-19-27	76VP-19-27 (FD)	76VP-19-28	76VP-19-28	76VP-19-28
Field Sample ID:	76VP-19-27-48-52	A2-VP-DUP-R1-4819	76VP-19-28-17-21	76VP-19-28-27-31	76VP-19-28-37-41
Sample Begin Depth:	48.00	42.00	17.00	27.00	37.00
Sample End Depth:	52.00	46.00	21.00	31.00	41.00
Sample Date:	04/09/2019	04/08/2019	06/13/2019	06/13/2019	06/13/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.90 U	9.40 U	9.20 U	9.20 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.90 U	9.40 U	9.20 U	9.20 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.90 U	9.40 U	9.20 U	9.20 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	5.80	8.70	15.0	5.10	7.30
Perfluorodecanoic acid (PFDA)	0.890 U	0.500 J	0.920 U	0.920 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	6.70	17.0	8.60	19.0	21.0
Perfluorohexanesulfonic acid (PFHxS)	79.0	86.0	4.80	9.30	9.10
Perfluorohexanoic acid (PFHxA)	18.0	32.0	8.30	13.0	14.0
Perfluorononanoic acid (PFNA)	1.30 U	2.10	1.40 U	0.570 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	38.0	160	3.50 J	9.20	6.10
Perfluorooctanoic acid (PFOA)	20.0	26.0	17.0	32.0	32.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 76VP-19-28	76VP-19-28	76VP-19-29	76VP-19-29	76VP-19-29
Field Sample ID:	76VP-19-28-47-51	76VP-19-28-57-61	76VP-19-29-17-21	76VP-19-29-27-31	76VP-19-29-37-41
Sample Begin Depth:	47.00	57.00	17.00	27.00	37.00
Sample End Depth:	51.00	61.00	21.00	31.00	41.00
Sample Date:	06/13/2019	06/13/2019	06/07/2019	06/07/2019	06/07/2019
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	9.30 U	9.50 U	9.30 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.30 U	9.50 U	9.30 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.30 U	9.50 U	9.30 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	4.80	5.20	0.890 J	0.570 J	0.930 U
Perfluorodecanoic acid (PFDA)	0.910 U	0.930 U	0.950 U	0.930 U	0.690 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	28.0	24.0	2.10	0.630 J	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	10.0	9.60	3.40	0.740 J	0.930 U
Perfluorohexanoic acid (PFHxA)	18.0	16.0	2.20	0.930 U	1.10 J
Perfluorononanoic acid (PFNA)	0.750 J	1.40 U	0.620 J	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	6.30	5.50	21.0	5.80	1.90 J
Perfluorooctanoic acid (PFOA)	47.0	42.0	7.50	2.10	1.10 J
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.90 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 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: 76VP-19-29	76VP-19-29	76VP-19-29	76VP-19-29	76VP-19-29 (FD)
Field Sample ID:	76VP-19-29-47-51	76VP-19-29-57-61	76VP-19-29-62-66	76VP-19-29-7-11	A2-VP-DUP03-R2-060619
Sample Begin Depth:	47.00	57.00	62.00	7.00	7.00
Sample End Depth:	51.00	61.00	66.00	11.00	11.00
Sample Date:	06/07/2019	06/10/2019	06/10/2019	06/06/2019	06/06/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.10 U	9.20 U	9.10 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.10 U	9.20 U	9.10 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.10 U	9.20 U	9.10 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	0.930 U	0.700 J	0.620 J	0.420 J	0.920 U
Perfluorodecanoic acid (PFDA)	0.930 U	0.660 J	0.610 J	0.630 J	0.750 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.00 J	0.860 J	4.00	4.10
Perfluorohexanesulfonic acid (PFHxS)	0.530 J	1.30 J	1.30 J	2.80	2.70
Perfluorohexanoic acid (PFHxA)	0.610 J	0.750 J	1.40 J	6.20	5.90
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	0.550 J	1.60 J	1.60 J
Perfluorooctanesulfonic acid (PFOS)	3.80	4.30	3.90	18.0	17.0
Perfluorooctanoic acid (PFOA)	0.680 J	1.50 J	2.10	13.0	13.0
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	1.40 U	1.40 U

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	Locations: 76VP-19-29 (FD)	76VP-19-29 (FD)	76VP-19-30	76VP-19-30	76VP-19-30
Field Sample ID:	A2-VP-DUP-R2-060719	A2-VP-DUP-R2-061019	76VP-19-30-17-21	76VP-19-30-27-31	76VP-19-30-37-41
Sample Begin Depth:	27.00	57.00	17.00	27.00	37.00
Sample End Depth:	31.00	61.00	21.00	31.00	41.00
Sample Date:	06/07/2019	06/10/2019	06/13/2019	06/13/2019	06/14/2019
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)	9.10 U	9.10 U	9.30 U	9.50 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.10 U	9.30 U	9.50 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.10 U	9.30 U	9.50 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	0.540 J	0.770 J	7.80	5.60	6.40
Perfluorodecanoic acid (PFDA)	0.910 U	0.910 U	0.930 U	0.950 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	0.620 J	0.820 J	29.0	44.0	56.0
Perfluorohexanesulfonic acid (PFHxS)	0.730 J	1.30 J	270	72.0	110
Perfluorohexanoic acid (PFHxA)	0.910 U	0.580 J	49.0	62.0	72.0
Perfluorononanoic acid (PFNA)	0.490 J	1.40 U	1.80 J	3.70	8.70
Perfluorooctanesulfonic acid (PFOS)	5.80	4.80	130	75.0	100
Perfluorooctanoic acid (PFOA)	2.10	1.40 J	49.0	43.0	48.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.80 U	2.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.80 U	2.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U

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	Locations: 76VP-19-30	76VP-19-30	76VP-19-30	76VP-19-30	76VP-19-30
Field Sample ID:	76VP-19-30-47-51	76VP-19-30-57-61	76VP-19-30-67-71	76VP-19-30-7-11	76VP-19-30-77-81
Sample Begin Depth:	47.00	57.00	67.00	7.00	77.00
Sample End Depth:	51.00	61.00	71.00	11.00	81.00
Sample Date:	06/14/2019	06/14/2019	06/14/2019	06/13/2019	06/14/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	30.0 U	8.70 J	7.90 J	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	15.0 U	10.0 U	11.0 U	10.0 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	15.0 U	10.0 U	11.0 U	10.0 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	15.0 U	10.0 U	11.0 U	10.0 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	6.40	7.50	7.70	0.740 J	7.60
Perfluorodecanoic acid (PFDA)	0.950 J	1.00 U	1.10 U	1.00 U	0.480 J
Perfluorododecanoic acid (PFDoA)	2.30 U	1.50 U	1.60 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	38.0	23.0	18.0	1.50 U	19.0
Perfluorohexanesulfonic acid (PFHxS)	99.0	160	160	8.60	170
Perfluorohexanoic acid (PFHxA)	65.0	49.0	44.0	1.80 J	48.0
Perfluorononanoic acid (PFNA)	7.20	3.60	4.00	1.50 U	3.40
Perfluorooctanesulfonic acid (PFOS)	120	190	200	1.10 J	220
Perfluorooctanoic acid (PFOA)	46.0	51.0	64.0	1.30 J	62.0
Perfluorotetradecanoic acid (PFTA)	4.60 U	3.10 U	3.20 U	3.00 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	4.60 U	3.10 U	3.20 U	3.00 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	2.30 U	1.50 U	1.60 U	1.50 U	1.40 U

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	Locations: 76VP-19-30	76VP-19-30	76VP-19-30 (FD)	76VP-19-31	76VP-19-31
Field Sample ID:	76VP-19-30-87-91	76VP-19-30-97-101	A2-VP-DUP-R1-61319	76VP-19-31-17-21	76VP-19-31-27-31
Sample Begin Depth:	87.00	97.00	27.00	17.00	27.00
Sample End Depth:	91.00	101.00	31.00	21.00	31.00
Sample Date:	06/17/2019	06/17/2019	06/13/2019	06/06/2019	06/06/2019
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)	9.30 U	9.20 U	9.40 U	9.20 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.20 U	9.40 U	9.20 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.20 U	9.40 U	9.20 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	7.90	12.0	5.70	0.860 J	0.580 J
Perfluorodecanoic acid (PFDA)	0.480 J	0.920 U	0.940 U	0.920 U	0.920 U
Perfluorododecanoic acid (PFDoA)	2.40	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	15.0	14.0	46.0	2.30	0.900 J
Perfluorohexanesulfonic acid (PFHxS)	180	200	72.0	3.40	13.0
Perfluorohexanoic acid (PFHxA)	32.0	36.0	60.0	3.40	3.00
Perfluorononanoic acid (PFNA)	3.80	1.30 J	3.90	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	200	180	76.0	6.20	3.60 J
Perfluorooctanoic acid (PFOA)	71.0	83.0	41.0	11.0	7.00
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	1.90 J	2.80 U	2.80 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	0.690 J	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 76VP-19-31	76VP-19-31	76VP-19-31 (FD)	76VP-19-31 (FD)	76VP-19-32
Field Sample ID:	76VP-19-31-35-39	76VP-19-31-7-11	A2-VP-DUP01-R2-060619	A2-VP-DUP02-R2-060619	76VP-19-32-22-26
Sample Begin Depth:	35.00	7.00	27.00	35.00	22.00
Sample End Depth:	39.00	11.00	31.00	39.00	26.00
Sample Date:	06/06/2019	06/06/2019	06/06/2019	06/06/2019	06/13/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.20 U	9.20 U	9.40 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.20 U	9.20 U	9.40 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.20 U	9.20 U	9.40 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	0.550 J	0.820 J	0.560 J	0.570 J	12.0
Perfluorodecanoic acid (PFDA)	0.910 U	0.920 U	0.920 U	0.940 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)	0.840 J	2.30	0.830 J	0.930 J	5.10
Perfluorohexanesulfonic acid (PFHxS)	13.0	1.80	14.0	12.0	23.0
Perfluorohexanoic acid (PFHxA)	2.50	1.70 J	3.10	2.60	11.0
Perfluorononanoic acid (PFNA)	1.40 U	1.30 J	1.40 U	1.40 U	0.830 J
Perfluorooctanesulfonic acid (PFOS)	3.20 J	27.0	3.30 J	3.40 J	5.10
Perfluorooctanoic acid (PFOA)	6.00	15.0	6.60	6.30	12.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 76VP-19-32	76VP-19-33	76VP-19-33	76VP-19-33
Field Sample ID:	76VP-19-32-28.5-32.5	76VP-19-33-47-51	76VP-19-33-57-61	76VP-19-33-67-71
Sample Begin Depth:	28.50	47.00	57.00	67.00
Sample End Depth:	32.50	51.00	61.00	71.00
Sample Date:	06/13/2019	06/11/2019	06/11/2019	06/11/2019
PFAS (ng/L)				
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.10 U	9.20 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.10 U	9.20 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.10 U	9.20 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	13.0	25.0	23.0	22.0
Perfluorodecanoic acid (PFDA)	0.950 U	0.910 U	0.920 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.30	7.50	6.50	9.00
Perfluorohexanesulfonic acid (PFHxS)	22.0	8.50	7.20	8.30
Perfluorohexanoic acid (PFHxA)	11.0	13.0	12.0	11.0
Perfluorononanoic acid (PFNA)	0.760 J	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	5.10	4.90	4.00	4.90
Perfluorooctanoic acid (PFOA)	12.0	15.0	11.0	18.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.80 U	1.20 J
Perfluorotridecanoic acid (PFTrDA)	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

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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