

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

KOMAN, PFAS RI, Monitoring Wells - Area 1

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

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	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

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	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

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KOMAN, PFAS RI, New MW Baseline-Area 1

Grove Pond Area

Locations:	GPMW-19-01A	GPMW-19-01BR
Field Sample ID:	GPMW-19-01A_MAR20	GPMW-19-01BR_MAR20
Sample Begin Depth:	45.00	175.00
Sample End Depth:	55.00	185.00
Sample Date:	03/11/2020	03/11/2020

Gen. Chemistry (mg/L)		
Total Organic Carbon	0.550 J	-
PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	6.60 J	17.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.20 U	8.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.20 U	8.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.20 U	8.50 U
Perfluorobutanesulfonic acid (PFBS)	4.10	0.850 U
Perfluorodecanoic acid (PFDA)	4.20	0.850 U
Perfluorododecanoic acid (PFDoA)	1.20 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	230	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	14.0	0.620 J
Perfluorohexanoic acid (PFHxA)	180	0.850 U
Perfluorononanoic acid (PFNA)	7.80	1.30 U
Perfluorooctanesulfonic acid (PFOS)	22.0	2.50 U
Perfluorooctanoic acid (PFOA)	190	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.50 U	0.940 J
Perfluorotridecanoic acid (PFTrDA)	2.50 U	2.50 U
Perfluoroundecanoic acid (PFUnA)	1.20 U	1.30 U

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KOMAN, PFAS RI, New MW VP-Area 1

Grove Pond Area

Locations:	GPMW-19-01	GPMW-19-01 (FD)
Field Sample ID:	GPMW-19-01-BR-146-151	A1-VP-DUP-R1-12419
Sample Begin Depth:	146.00	146.00
Sample End Depth:	151.00	151.00
Sample Date:	12/04/2019	12/04/2019

PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	20.0 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)	1.00 U	1.00 U
Perfluorodecanoic acid (PFDA)	1.00 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	1.00 U	2.00 U
Perfluorohexanoic acid (PFHxA)	1.00 U	1.00 U
Perfluorononanoic acid (PFNA)	1.50 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	3.10 U	3.00 U
Perfluorooctanoic acid (PFOA)	1.50 U	1.50 U
Perfluorotetradecanoic acid (PFTA)	3.10 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.50 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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	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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	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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	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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	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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	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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	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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	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)	GPVP-19-13
Field Sample ID:	GPVP-19-12-77-81	GPVP-19-12-87-91	GPVP-19-12-97-101	A1-VP-DUP-R2-021419	GPVP-19-13-17-21
Sample Begin Depth:	77.00	87.00	97.00	47.00	17.00
Sample End Depth:	81.00	91.00	101.00	51.00	21.00
Sample Date:	02/15/2019	02/19/2019	02/19/2019	02/14/2019	04/30/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	20.0 U	20.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.90 U	9.80 U	9.10 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.90 U	9.80 U	9.10 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.90 U	9.80 U	9.10 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	2.50	2.90	0.980 U	0.910 U	5.70
Perfluorodecanoic acid (PFDA)	0.920 U	0.990 U	0.980 U	0.910 U	7.50
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.70 J	0.740 J	1.50 U	2.30	360
Perfluorohexanesulfonic acid (PFHxS)	14.0	13.0	1.40 J	16.0	9.20
Perfluorohexanoic acid (PFHxA)	3.60	2.10	0.980 U	2.40	280
Perfluorononanoic acid (PFNA)	1.40 U	1.50 U	1.50 U	0.620 J	8.90
Perfluorooctanesulfonic acid (PFOS)	2.10 J	1.70 J	2.90 U	10.0	19.0
Perfluorooctanoic acid (PFOA)	4.50	1.60 J	1.50 U	11.0	170
Perfluorotetradecanoic acid (PFTA)	2.70 U	3.00 U	2.90 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	3.00 U	2.90 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.50 U	1.40 U	1.40 U

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	GPVP-19-13	GPVP-19-13	GPVP-19-13	GPVP-19-13	GPVP-19-13
Locations:	GPVP-19-13	GPVP-19-13	GPVP-19-13	GPVP-19-13	GPVP-19-13
Field Sample ID:	GPVP-19-13-27-31	GPVP-19-13-37-41	GPVP-19-13-47-51	GPVP-19-13-57-61	GPVP-19-13-67-71
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:	04/30/2019	04/30/2019	04/30/2019	04/30/2019	05/01/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.20 U	9.20 U	9.20 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.20 U	9.20 U	9.20 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.20 U	9.20 U	9.20 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	5.80	7.60	6.70	2.70	2.10
Perfluorodecanoic acid (PFDA)	3.20	3.80	1.30 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)	200	190	140	25.0	9.50
Perfluorohexanesulfonic acid (PFHxS)	10.0	15.0	11.0	8.30	11.0
Perfluorohexanoic acid (PFHxA)	230	290	240	67.0	34.0
Perfluorononanoic acid (PFNA)	2.50	3.10	3.40	1.50 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	8.10	10.0	12.0	6.30	3.20 J
Perfluorooctanoic acid (PFOA)	75.0	71.0	63.0	19.0	11.0
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-19-13	GPVP-19-13	GPVP-19-13	GPVP-19-13	GPVP-19-13 (FD)
Locations:	GPVP-19-13	GPVP-19-13	GPVP-19-13	GPVP-19-13	GPVP-19-13 (FD)
Field Sample ID:	GPVP-19-13-7-11	GPVP-19-13-77-81	GPVP-19-13-87-91	GPVP-19-13-92-96	A1-VP-DUP-R2-043019
Sample Begin Depth:	7.00	77.00	87.00	92.00	27.00
Sample End Depth:	11.00	81.00	91.00	96.00	31.00
Sample Date:	04/30/2019	05/01/2019	05/01/2019	05/01/2019	04/30/2019
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	9.20 U	9.20 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.20 U	9.20 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.20 U	9.20 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	0.830 J	1.70 J	2.30	1.50 J	6.20
Perfluorodecanoic acid (PFDA)	0.920 U	0.920 U	0.920 U	0.920 U	3.00
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	38.0	14.0	1.20 J	0.760 J	200
Perfluorohexanesulfonic acid (PFHxS)	8.40	9.80	15.0	8.00	10.0
Perfluorohexanoic acid (PFHxA)	35.0	30.0	3.40	2.60	230
Perfluorononanoic acid (PFNA)	1.00 J	0.800 J	1.40 U	1.40 U	2.40
Perfluorooctanesulfonic acid (PFOS)	5.10	16.0	1.70 J	2.70 U	7.90
Perfluorooctanoic acid (PFOA)	17.0	12.0	5.10	3.00	72.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 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: GPVP-19-14	GPVP-19-14	GPVP-19-14	GPVP-19-14	GPVP-19-14
Field Sample ID:	GPVP-19-14-22-26	GPVP-19-14-32-36	GPVP-19-14-42-46	GPVP-19-14-52-56	GPVP-19-14-62-66
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:	04/29/2019	04/29/2019	04/29/2019	04/29/2019	04/30/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	33.0 J	19.0 U	19.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.30 U	9.30 U	9.50 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.30 U	9.30 U	9.50 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.30 U	9.30 U	9.50 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	6.00	7.30	1.90	2.00	1.30 J
Perfluorodecanoic acid (PFDA)	0.960 U	0.930 U	0.930 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)	280	170	20.0	18.0	4.20
Perfluorohexanesulfonic acid (PFHxS)	29.0	22.0	15.0	23.0	19.0
Perfluorohexanoic acid (PFHxA)	220	230	47.0	30.0	7.20
Perfluorononanoic acid (PFNA)	1.30 J	0.960 J	0.700 J	0.670 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	21.0	38.0	27.0	68.0	31.0
Perfluorooctanoic acid (PFOA)	78.0	33.0	14.0	13.0	10.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: GPVP-19-14	GPVP-19-14	GPVP-19-14	GPVP-19-15	GPVP-19-15
Field Sample ID:	GPVP-19-14-72-76	GPVP-19-14-82-86	GPVP-19-14-88.5-92.5	GPVP-19-15-22-26	GPVP-19-15-32-36
Sample Begin Depth:	72.00	82.00	88.50	22.00	32.00
Sample End Depth:	76.00	86.00	92.50	26.00	36.00
Sample Date:	04/30/2019	04/30/2019	04/30/2019	05/01/2019	05/01/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	32.0 U	29.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	16.0 U	14.0 U	9.20 U	9.20 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	16.0 U	14.0 U	9.20 U	9.20 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	16.0 U	14.0 U	9.20 U	9.20 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	2.60 J	2.70 J	2.40	3.50	5.00
Perfluorodecanoic acid (PFDA)	1.60 U	1.40 U	0.920 U	0.920 U	0.930 U
Perfluorododecanoic acid (PFDoA)	2.40 U	2.10 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.40 U	16.0	1.40 U	230	270
Perfluorohexanesulfonic acid (PFHxS)	17.0	14.0	9.80	37.0	46.0
Perfluorohexanoic acid (PFHxA)	1.60 U	25.0	0.610 J	140	190
Perfluorononanoic acid (PFNA)	2.40 U	2.10 U	1.40 U	1.40 J	0.990 J
Perfluorooctanesulfonic acid (PFOS)	4.80 U	11.0	2.80 U	3.60 J	23.0
Perfluorooctanoic acid (PFOA)	1.40 J	5.00	1.40 U	130	140
Perfluorotetradecanoic acid (PFTA)	4.80 U	4.30 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	4.80 U	4.30 U	2.80 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.10 J	2.10 U	1.40 U	1.40 U	1.40 U

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	GPVP-19-15	GPVP-19-15	GPVP-19-15	GPVP-19-15	GPVP-19-15
Locations:	GPVP-19-15	GPVP-19-15	GPVP-19-15	GPVP-19-15	GPVP-19-15
Field Sample ID:	GPVP-19-15-42-46	GPVP-19-15-52-56	GPVP-19-15-62-66	GPVP-19-15-72-76	GPVP-19-15-82-86
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:	05/01/2019	05/02/2019	05/02/2019	05/02/2019	05/02/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	19.0 U	31.0 U	25.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	4.20 J	9.20 U	9.30 U	15.0 U	12.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.20 U	9.30 U	15.0 U	12.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.20 U	9.30 U	15.0 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	5.40	3.50	0.760 J	0.890 J	3.00
Perfluorodecanoic acid (PFDA)	0.940 U	0.920 U	0.930 U	1.50 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	2.30 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	140	170	3.40	37.0	140
Perfluorohexanesulfonic acid (PFHxS)	65.0	42.0	2.70	7.60	30.0
Perfluorohexanoic acid (PFHxA)	150	120	2.60	28.0	110
Perfluorononanoic acid (PFNA)	1.20 J	0.780 J	1.40 U	2.30 U	0.740 J
Perfluorooctanesulfonic acid (PFOS)	280	120	1.90 J	14.0	60.0
Perfluorooctanoic acid (PFOA)	68.0	85.0	1.80 J	17.0	71.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	4.60 U	3.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	4.60 U	3.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	2.30 U	1.90 U

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	Locations: GPVP-19-15	GPVP-19-15	GPVP-19-15 (FD)
Field Sample ID:	GPVP-19-15-92-96	GPVP-19-15-98.8-102.8	A1-VP-DUP-R1-5219
Sample Begin Depth:	92.00	98.80	62.00
Sample End Depth:	96.00	102.80	66.00
Sample Date:	05/03/2019	05/03/2019	05/02/2019
PFAS (ng/L)			
6:2 Fluorotelomer sulfonate (6:2 FTS)	25.0 U	25.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	13.0 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	13.0 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	13.0 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	3.00	1.30 U	0.700 J
Perfluorodecanoic acid (PFDA)	1.20 U	1.30 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.90 U	1.90 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	150	2.00 J	3.10
Perfluorohexanesulfonic acid (PFHxS)	30.0	0.650 J	2.50
Perfluorohexanoic acid (PFHxA)	110	1.70 J	2.50
Perfluorononanoic acid (PFNA)	1.00 J	1.90 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	43.0	3.80 U	1.90 J
Perfluorooctanoic acid (PFOA)	75.0	1.10 J	1.80 J
Perfluorotetradecanoic acid (PFTA)	3.70 U	3.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.70 U	3.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.90 U	1.90 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