

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

AO32, Former Defense Reuse and Marketing Office

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

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

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

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	Locations: 32Z-01-10XBR (FD)	32Z-01-12XBR	32Z-99-02X
Field Sample ID:	32Z-01-DUP02-DEC18	32Z-01-12XBR-DEC18	32Z-99-02X-JAN19
Sample Begin Depth:	12.50	27.78	14.50
Sample End Depth:	22.50	37.78	29.50
Sample Date:	12/19/2018	12/20/2018	01/15/2019
PFAS (ng/L)			
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.50 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.50 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.50 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	2.20	6.00	5.10
Perfluorodecanoic acid (PFDA)	0.940 U	0.950 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.10	18.0	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	7.30	37.0	20.0
Perfluorohexanoic acid (PFHxA)	2.70	55.0	0.950 U
Perfluorononanoic acid (PFNA)	0.650 J	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	4.70	2.80 U	2.90 U
Perfluorooctanoic acid (PFOA)	8.70	6.10	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U

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KOMAN, PFAS RI, Existing Monitoring Wells-Area 2

AOC 43A, Petroleum, Oil, and Lubricant (POL) Storage Area

	Locations: 43M-01-16XBR	43M-01-16XOB	43M-01-17XBR	43M-01-17XOB	43M-01-17XOB (FD)
Field Sample ID:	43M-01-16XBR-JAN19	43M-01-16XOB-DEC18	43M-01-17XBR-JAN19	43M-01-17XOB-JAN19	A2-MW-DUP08-010319
Sample Begin Depth:	47.50	24.00	47.50	23.50	23.50
Sample End Depth:	57.50	34.00	57.50	33.50	33.50
Sample Date:	01/03/2019	12/18/2018	01/03/2019	01/03/2019	01/03/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	20.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.30 U	9.40 U	9.80 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.30 U	9.40 U	9.80 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.30 U	9.40 U	9.80 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	2.30	4.00	2.10	1.10 J	1.20 J
Perfluorodecanoic acid (PFDA)	0.950 U	0.930 U	0.940 U	0.980 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	4.10	9.60	3.30	6.60	6.10
Perfluorohexanesulfonic acid (PFHxS)	15.0	35.0	17.0	4.50	4.50
Perfluorohexanoic acid (PFHxA)	13.0	25.0	5.70	4.10	3.50
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.20 J	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.50 J	3.30 J	23.0	2.90 U	2.80 U
Perfluorooctanoic acid (PFOA)	4.00	8.30	11.0	11.0	10.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	0.680 J	1.50 U	1.40 U

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Locations:	43M-01-20XBR	43M-01-20XOB
Field Sample ID:	43M-01-20XBR-FAL18	43M-01-20XOB-FAL18
Sample Begin Depth:	68.30	24.00
Sample End Depth:	78.30	34.00
Sample Date:	12/13/2018	12/13/2018
PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	8.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	8.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	8.80 U
Perfluorobutanesulfonic acid (PFBS)	0.920 U	1.50 J
Perfluorodecanoic acid (PFDA)	0.920 U	0.880 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	3.30
Perfluorohexanesulfonic acid (PFHxS)	1.00 J	16.0
Perfluorohexanoic acid (PFHxA)	0.470 J	6.80
Perfluorononanoic acid (PFNA)	1.40 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	3.50
Perfluorooctanoic acid (PFOA)	1.40 U	6.40
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U

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

AOC 32, Former Defense Reuse and Marketing Office

Locations: 32M-01-14XBR

Field Sample ID: 32M-01-14XBR-SPR20

Sample Begin Depth: 35.80

Sample End Depth: 45.80

Sample Date: 05/08/2020

PFAS (ng/L)	
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U
Perfluorobutanesulfonic acid (PFBS)	2.10
Perfluorodecanoic acid (PFDA)	0.800 J
Perfluorododecanoic acid (PFDoA)	1.40 U
Perfluoroheptanoic acid (PFHpA)	7.50
Perfluorohexanesulfonic acid (PFHxS)	15.0
Perfluorohexanoic acid (PFHxA)	8.50
Perfluorononanoic acid (PFNA)	2.10
Perfluorooctanesulfonic acid (PFOS)	58.0
Perfluorooctanoic acid (PFOA)	41.0
Perfluorotetradecanoic acid (PFTA)	2.80 U
Perfluorotridecanoic acid (PFTTrDA)	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U

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

KOMAN, PFAS RI, Supplemental Monitoring Wells-Fall
2019

AOC 32, Former Defense Reuse and Marketing Office

Locations: 32M-01-14XBR

Field Sample ID: 32M-01-14XBR_FAL19

Sample Begin Depth: 35.80

Sample End Depth: 45.80

Sample Date: 11/15/2019

PFAS (ng/L)

6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U
Perfluorobutanesulfonic acid (PFBS)	1.90
Perfluorodecanoic acid (PFDA)	0.620 J
Perfluorododecanoic acid (PFDoA)	1.40 U
Perfluoroheptanoic acid (PFHpA)	7.20
Perfluorohexanesulfonic acid (PFHxS)	13.0
Perfluorohexanoic acid (PFHxA)	9.20
Perfluorononanoic acid (PFNA)	1.50 J
Perfluorooctanesulfonic acid (PFOS)	42.0
Perfluorooctanoic acid (PFOA)	32.0
Perfluorotetradecanoic acid (PFTA)	2.70 U
Perfluorotridecanoic acid (PFTTrDA)	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U

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KOMAN, PFAS RI, Vertical Profile Samples-Area2

AOC 32, Former Defense Reuse and Marketing Office

	Locations: 32VP-19-01	32VP-19-01	32VP-19-01	32VP-19-01	32VP-19-01
Field Sample ID:	32VP-19-01-17-21	32VP-19-01-27-31	32VP-19-01-37-41	32VP-19-01-47-51	32VP-19-01-57-61
Sample Begin Depth:	17.00	27.00	37.00	47.00	57.00
Sample End Depth:	21.00	31.00	41.00	51.00	61.00
Sample Date:	05/14/2019	05/14/2019	05/14/2019	05/14/2019	05/15/2019
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)	9.40 U	9.20 U	9.20 U	9.20 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.20 U	9.20 U	9.20 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.20 U	9.20 U	9.20 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	38.0	17.0	7.00	4.80	1.20 J
Perfluorodecanoic acid (PFDA)	0.940 U	0.920 U	0.780 J	0.680 J	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	12.0	15.0	9.30	6.60	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	1400	200	63.0	17.0	11.0
Perfluorohexanoic acid (PFHxA)	150	79.0	25.0	15.0	0.790 J
Perfluorononanoic acid (PFNA)	1.00 J	1.40 J	1.40 J	1.20 J	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2800	1400	150	11.0	4.30
Perfluorooctanoic acid (PFOA)	83.0	27.0	15.0	13.0	1.50 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 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: 32VP-19-02	32VP-19-02	32VP-19-02	32VP-19-02	32VP-19-02
Field Sample ID:	32VP-19-02-12-16	32VP-19-02-22-26	32VP-19-02-32-36	32VP-19-02-42-46	32VP-19-02-52-56
Sample Begin Depth:	12.00	22.00	32.00	42.00	52.00
Sample End Depth:	16.00	26.00	36.00	46.00	56.00
Sample Date:	06/18/2019	06/19/2019	06/19/2019	06/19/2019	06/19/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	20.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.60 U	10.0 U	9.60 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.60 U	10.0 U	9.60 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.60 U	10.0 U	9.60 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	2.50	0.610 J	10.0	18.0	21.0
Perfluorodecanoic acid (PFDA)	0.940 U	0.770 J	1.30 J	0.570 J	0.940 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.10 J	1.40 U	4.70	7.50	7.80
Perfluorohexanesulfonic acid (PFHxS)	96.0	1.90 U	150	9.30	8.70
Perfluorohexanoic acid (PFHxA)	4.30	1.20 J	15.0	21.0	24.0
Perfluorononanoic acid (PFNA)	0.490 J	1.40 U	1.60 J	0.930 J	0.660 J
Perfluorooctanesulfonic acid (PFOS)	15.0	2.10 J	97.0	20.0	6.80
Perfluorooctanoic acid (PFOA)	27.0	1.20 J	11.0	9.90	8.90
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	3.00 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	3.00 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	0.790 J	1.40 U	1.40 U

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	Locations: 32VP-19-02	32VP-19-02	32VP-19-02 (FD)	32VP-19-03	32VP-19-03
Field Sample ID:	32VP-19-02-62-66	32VP-19-02-66.5-70.5	A2-VP-DUP-R1-61919	32VP-19-03-27-31	32VP-19-03-37-41
Sample Begin Depth:	62.00	66.50	42.00	27.00	37.00
Sample End Depth:	66.00	70.50	46.00	31.00	41.00
Sample Date:	06/19/2019	06/20/2019	06/19/2019	03/15/2019	03/15/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.50 U	9.70 U	9.50 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.50 U	9.70 U	9.50 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.50 U	9.70 U	9.50 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	12.0	5.20	19.0	4.40	2.80
Perfluorodecanoic acid (PFDA)	0.940 U	0.950 U	0.690 J	1.10 J	4.90
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	8.30	6.00	7.50	6.90	3.70
Perfluorohexanesulfonic acid (PFHxS)	18.0	18.0	9.50	47.0	3.80
Perfluorohexanoic acid (PFHxA)	25.0	13.0	22.0	9.60	6.00
Perfluorononanoic acid (PFNA)	1.10 J	0.700 J	1.00 J	5.00	2.20
Perfluorooctanesulfonic acid (PFOS)	8.30	6.70	20.0	8.20	18.0
Perfluorooctanoic acid (PFOA)	11.0	13.0	9.70	34.0	7.30
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.90 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.90 U	2.80 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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	Locations: 32VP-19-03	32VP-19-04	32VP-19-04	32VP-19-04	32VP-19-04
Field Sample ID:	32VP-19-03-47-51	32VP-19-04-17-21	32VP-19-04-27-31	32VP-19-04-37-41	32VP-19-04-47-51
Sample Begin Depth:	47.00	17.00	27.00	37.00	47.00
Sample End Depth:	51.00	21.00	31.00	41.00	51.00
Sample Date:	03/15/2019	02/05/2019	02/05/2019	02/05/2019	02/05/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.00 U	9.00 U	9.00 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.00 U	9.00 U	9.00 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.00 U	9.00 U	9.00 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	2.70	6.90	2.30	2.40	0.460 J
Perfluorodecanoic acid (PFDA)	3.00	0.900 U	1.80	0.790 J	0.890 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.30 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	3.50	9.70	5.40	5.40	1.90
Perfluorohexanesulfonic acid (PFHxS)	4.70	18.0	14.0	12.0	1.50 J
Perfluorohexanoic acid (PFHxA)	6.10	15.0	8.70	7.10	1.70 J
Perfluorononanoic acid (PFNA)	1.80 J	1.30 U	2.20	2.70	1.40 J
Perfluorooctanesulfonic acid (PFOS)	12.0	2.70 U	35.0	25.0	6.80
Perfluorooctanoic acid (PFOA)	8.00	10.0	17.0	21.0	5.50
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.70 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.70 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	1.30 U	1.40 U	1.30 U

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	32VP-19-04	32VP-19-04	32VP-19-04	32VP-19-04	32VP-19-04
Locations:	32VP-19-04	32VP-19-04	32VP-19-04	32VP-19-04	32VP-19-04
Field Sample ID:	32VP-19-04-57-61	32VP-19-04-67-71	32VP-19-04-77-81	32VP-19-04-87-91	32VP-19-04-97-101
Sample Begin Depth:	57.00	67.00	77.00	87.00	97.00
Sample End Depth:	61.00	71.00	81.00	91.00	101.00
Sample Date:	02/05/2019	02/05/2019	02/06/2019	02/06/2019	02/06/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	18.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.00 U	9.00 U	9.00 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.00 U	9.00 U	9.00 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.00 U	9.00 U	9.00 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	0.820 J	0.410 J	0.560 J	0.900 U	0.620 J
Perfluorodecanoic acid (PFDA)	0.900 U	0.900 U	0.900 U	0.900 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.30 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.90	1.20 J	1.70 J	1.80	1.90 J
Perfluorohexanesulfonic acid (PFHxS)	3.10	1.20 J	3.30	1.40 J	3.50
Perfluorohexanoic acid (PFHxA)	2.50	1.20 J	2.10	1.70 J	2.30
Perfluorononanoic acid (PFNA)	1.20 J	0.980 J	1.30 U	1.40 J	1.50 U
Perfluorooctanesulfonic acid (PFOS)	4.00	3.90	5.50	6.00	9.20
Perfluorooctanoic acid (PFOA)	6.70	4.00	7.70	6.60	8.90
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.70 U	2.70 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.70 U	2.70 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	1.30 U	1.40 U	1.50 U

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	Locations: 32VP-19-04 (FD)	32VP-19-05	32VP-19-05	32VP-19-05	32VP-19-05
Field Sample ID:	A2-VP-DUP-R2-020519	32VP-19-05-102-106	32VP-19-05-22-26	32VP-19-05-32-36	32VP-19-05-42-46
Sample Begin Depth:	27.00	102.00	22.00	32.00	42.00
Sample End Depth:	31.00	106.00	26.00	36.00	46.00
Sample Date:	02/05/2019	02/06/2019	02/05/2019	02/05/2019	02/05/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	22.0 U	20.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.90 U	11.0 U	9.90 U	9.40 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.90 U	11.0 U	9.90 U	9.40 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.90 U	11.0 U	9.90 U	9.40 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	2.50	0.740 J	2.40	1.10 J	1.30 J
Perfluorodecanoic acid (PFDA)	2.20	1.10 U	0.990 U	0.940 U	0.880 J
Perfluorododecanoic acid (PFDoA)	1.30 U	1.60 U	1.50 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	5.30	1.40 J	28.0	3.20	3.70
Perfluorohexanesulfonic acid (PFHxS)	14.0	4.50	17.0	6.10	5.90
Perfluorohexanoic acid (PFHxA)	9.00	2.20	51.0	4.10	4.50
Perfluorononanoic acid (PFNA)	2.10	0.580 J	0.600 J	0.800 J	2.30
Perfluorooctanesulfonic acid (PFOS)	35.0	4.90	14.0	9.40	18.0
Perfluorooctanoic acid (PFOA)	16.0	6.00	94.0	12.0	11.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	3.30 U	3.00 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	3.30 U	3.00 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.60 U	1.50 U	1.40 U	1.50 U

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	Locations: 32VP-19-05	32VP-19-05	32VP-19-05	32VP-19-05	32VP-19-05
Field Sample ID:	32VP-19-05-52-56	32VP-19-05-62-66	32VP-19-05-72-76	32VP-19-05-82-86	32VP-19-05-92-96
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:	02/05/2019	02/05/2019	02/05/2019	02/06/2019	02/06/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	19.0 U	21.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.50 U	9.30 U	11.0 U	9.30 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.50 U	9.30 U	11.0 U	9.30 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.50 U	9.30 U	11.0 U	9.30 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	1.60 J	2.30	1.10 J	0.700 J	0.710 J
Perfluorodecanoic acid (PFDA)	0.850 U	0.930 U	1.10 U	3.40	0.890 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.60 U	0.860 J	1.30 U
Perfluoroheptanoic acid (PFHpA)	3.30	7.20	3.60	2.20	2.10
Perfluorohexanesulfonic acid (PFHxS)	7.40	10.0	6.00	2.90	2.90
Perfluorohexanoic acid (PFHxA)	4.60	8.50	3.70	1.90	2.80
Perfluorononanoic acid (PFNA)	1.30 J	0.900 J	1.50 J	3.60	2.00
Perfluorooctanesulfonic acid (PFOS)	9.00	7.60	6.50	4.80	7.60
Perfluorooctanoic acid (PFOA)	13.0	21.0	9.90	7.20	6.70
Perfluorotetradecanoic acid (PFTA)	2.60 U	2.80 U	3.20 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	2.80 U	3.20 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.60 U	1.60 J	1.30 U

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	Locations: 32VP-19-05 (FD)	32VP-19-06	32VP-19-06	32VP-19-06	32VP-19-06
Field Sample ID:	A2-VP-DUP-R1-2519	32VP-19-06-17-21	32VP-19-06-27-31	32VP-19-06-37-41	32VP-19-06-47-51
Sample Begin Depth:	52.00	17.00	27.00	37.00	47.00
Sample End Depth:	56.00	21.00	31.00	41.00	51.00
Sample Date:	02/05/2019	02/26/2019	02/26/2019	02/26/2019	02/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.60 U	9.50 U	9.70 U	9.60 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.60 U	9.50 U	9.70 U	9.60 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.60 U	9.50 U	9.70 U	9.60 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	1.60 J	0.950 U	2.10	2.00	1.30 J
Perfluorodecanoic acid (PFDA)	0.860 U	0.480 J	0.970 U	0.960 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	3.20	3.10	4.40	3.80	2.70
Perfluorohexanesulfonic acid (PFHxS)	7.30	3.20	2.90	3.10	4.10
Perfluorohexanoic acid (PFHxA)	4.30	5.50	7.70	7.20	4.30
Perfluorononanoic acid (PFNA)	1.10 J	2.20	2.00	1.70 J	2.30
Perfluorooctanesulfonic acid (PFOS)	8.30	6.10	8.50	11.0	7.60
Perfluorooctanoic acid (PFOA)	13.0	7.90	9.60	9.60	7.20
Perfluorotetradecanoic acid (PFTA)	2.60 U	2.90 U	2.90 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	2.90 U	2.90 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.40 U	1.50 U	1.40 U	1.40 U

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	Locations: 32VP-19-06	32VP-19-06	32VP-19-06	32VP-19-06	32VP-19-06 (FD)
Field Sample ID:	32VP-19-06-57-61	32VP-19-06-67-71	32VP-19-06-77-81	32VP-19-06-87-91	A2-VP-DUP-R2-022719
Sample Begin Depth:	57.00	67.00	77.00	87.00	57.00
Sample End Depth:	61.00	71.00	81.00	91.00	61.00
Sample Date:	02/27/2019	02/27/2019	02/27/2019	02/27/2019	02/27/2019
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)	9.10 U	9.40 U	9.20 U	9.00 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.40 U	9.20 U	9.00 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.40 U	9.20 U	9.00 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	5.50	12.0	2.70	0.970 J	6.00
Perfluorodecanoic acid (PFDA)	0.910 U	0.940 U	1.10 J	0.900 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)	6.00	4.50	5.40	1.40 U	6.10
Perfluorohexanesulfonic acid (PFHxS)	6.10	5.00	2.90	7.40	6.00
Perfluorohexanoic acid (PFHxA)	9.90	10.0	9.80	0.580 J	10.0
Perfluorononanoic acid (PFNA)	2.50	0.770 J	3.70	1.40 U	2.30
Perfluorooctanesulfonic acid (PFOS)	4.40	3.70 J	8.70	2.00 J	4.60
Perfluorooctanoic acid (PFOA)	12.0	6.50	10.0	1.20 J	12.0
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 32VP-19-07	32VP-19-07	32VP-19-07	32VP-19-07	32VP-19-07
Field Sample ID:	32VP-19-07-32-36	32VP-19-07-42-46	32VP-19-07-52-56	32VP-19-07-62-66	32VP-19-07-72-76
Sample Begin Depth:	32.00	42.00	52.00	62.00	72.00
Sample End Depth:	36.00	46.00	56.00	66.00	76.00
Sample Date:	02/26/2019	02/26/2019	02/26/2019	02/26/2019	02/27/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	23.0 U	19.0 U	18.0 U	24.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	9.50 U	9.20 U	12.0 U	9.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.50 U	9.20 U	12.0 U	9.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.50 U	9.20 U	12.0 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	0.650 J	0.750 J	1.00 J	2.90	3.10
Perfluorodecanoic acid (PFDA)	1.20 U	0.950 U	0.920 U	1.00 J	1.10 J
Perfluorododecanoic acid (PFDoA)	1.70 U	1.40 U	1.40 U	1.80 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	0.930 J	0.840 J	2.40	4.50	4.90
Perfluorohexanesulfonic acid (PFHxS)	1.20 J	1.50 J	7.20	2.40	3.50
Perfluorohexanoic acid (PFHxA)	0.990 J	1.10 J	3.10	7.50	11.0
Perfluorononanoic acid (PFNA)	0.640 J	0.690 J	2.40	2.00 J	2.00
Perfluorooctanesulfonic acid (PFOS)	7.80	18.0	23.0	7.10	7.30
Perfluorooctanoic acid (PFOA)	2.70	3.30	8.50	6.30	7.80
Perfluorotetradecanoic acid (PFTA)	3.50 U	2.90 U	2.80 U	3.60 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.50 U	2.90 U	2.80 U	3.60 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.70 U	1.40 U	1.40 U	1.80 U	1.40 U

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	Locations: 32VP-19-07	32VP-19-07	32VP-19-07 (FD)	32VP-19-09	32VP-19-09
Field Sample ID:	32VP-19-07-82-86	32VP-19-07-92-96	A2-VP-DUP-R1-22719	32VP-19-09-12-16	32VP-19-09-19-23
Sample Begin Depth:	82.00	92.00	82.00	12.00	19.00
Sample End Depth:	86.00	96.00	86.00	16.00	23.00
Sample Date:	02/27/2019	02/27/2019	02/27/2019	09/24/2019	09/19/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	21.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.10 U	10.0 U	9.50 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.10 U	10.0 U	5.50 J	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.10 U	10.0 U	9.50 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	2.40	2.30	2.40	3.10	0.930 U
Perfluorodecanoic acid (PFDA)	1.10 J	0.910 U	1.10 J	0.720 J	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.60 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	4.00	2.10	4.30	6.40	2.10
Perfluorohexanesulfonic acid (PFHxS)	5.00	11.0	4.70	13.0	1.80 J
Perfluorohexanoic acid (PFHxA)	9.80	4.80	10.0	11.0	4.20
Perfluorononanoic acid (PFNA)	2.90	1.50 J	3.10	1.90	1.40 U
Perfluorooctanesulfonic acid (PFOS)	14.0	9.20	14.0	95.0	6.90
Perfluorooctanoic acid (PFOA)	8.00	5.40	8.50	32.0	4.80
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	3.10 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	3.10 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.60 U	1.40 U	1.40 U

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	32VP-19-09	32VP-19-09	32VP-19-09	32VP-19-09	32VP-19-09
Locations:	32VP-19-09	32VP-19-09	32VP-19-09	32VP-19-09	32VP-19-09
Field Sample ID:	32VP-19-09-29-33	32VP-19-09-39-43	32VP-19-09-49-53	32VP-19-09-59-63	32VP-19-09-69-73
Sample Begin Depth:	29.00	39.00	49.00	59.00	69.00
Sample End Depth:	33.00	43.00	53.00	63.00	73.00
Sample Date:	09/19/2019	09/20/2019	09/20/2019	09/20/2019	09/23/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	18.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.30 U	9.00 U	10.0 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.30 U	9.00 U	10.0 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.30 U	9.00 U	10.0 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	1.20 J	0.750 J	3.90	5.80	6.00
Perfluorodecanoic acid (PFDA)	0.930 U	0.930 U	3.40	0.640 J	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.80	2.30	1.10 J	6.50	6.60
Perfluorohexanesulfonic acid (PFHxS)	2.80	1.40 J	100	79.0	95.0
Perfluorohexanoic acid (PFHxA)	5.30	3.90	2.40	18.0	14.0
Perfluorononanoic acid (PFNA)	2.70	1.70 J	1.10 J	1.80 J	1.20 J
Perfluorooctanesulfonic acid (PFOS)	23.0	8.40	220	63.0	71.0
Perfluorooctanoic acid (PFOA)	9.20	5.40	3.10	12.0	13.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.70 U	3.00 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.70 U	3.00 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	0.960 J	1.50 U	1.40 U

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	Locations: 32VP-19-09	32VP-19-09	32VP-19-10	32VP-19-10	32VP-19-10
Field Sample ID:	32VP-19-09-79-83	32VP-19-09-83.5-87.5	32VP-19-10-09-13	32VP-19-10-19-23	32VP-19-10-29-33
Sample Begin Depth:	79.00	83.50	9.00	19.00	29.00
Sample End Depth:	83.00	87.50	13.00	23.00	33.00
Sample Date:	09/23/2019	09/23/2019	09/16/2019	09/16/2019	09/16/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	23.0 J	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.10 U	23.0	9.40 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.10 U	20.0	9.40 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.10 U	17.0 J	9.40 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	1.20 J	1.10 J	0.940 U	1.40 J	0.960 U
Perfluorodecanoic acid (PFDA)	0.920 U	0.910 U	3.30	0.690 J	0.960 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	0.880 J	0.670 J	31.0	2.90	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	8.10	7.20	21.0	2.30	1.90 U
Perfluorohexanoic acid (PFHxA)	2.40	2.30	38.0	6.20	1.10 J
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	5.10	2.60	1.40 U
Perfluorooctanesulfonic acid (PFOS)	6.20	4.40	67.0	8.20	2.90 U
Perfluorooctanoic acid (PFOA)	2.90	2.30	150	6.40	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.80 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 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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	32VP-19-10	32VP-19-10	32VP-19-10	32VP-19-10	32VP-19-10
Locations: 32VP-19-10	32VP-19-10	32VP-19-10	32VP-19-10	32VP-19-10	32VP-19-10
Field Sample ID: 32VP-19-10-39-43	32VP-19-10-49-53	32VP-19-10-59-63	32VP-19-10-69-73	32VP-19-10-79-83	
Sample Begin Depth: 39.00	49.00	59.00	69.00	79.00	
Sample End Depth: 43.00	53.00	63.00	73.00	83.00	
Sample Date: 09/17/2019	09/17/2019	09/17/2019	09/17/2019	09/18/2019	
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.20 U	9.50 U	9.60 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.20 U	9.50 U	9.60 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.20 U	9.50 U	9.60 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	1.60 J	0.860 J	1.10 J	1.00 J	5.40
Perfluorodecanoic acid (PFDA)	0.920 U	0.920 U	0.950 U	0.510 J	0.520 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	2.50	1.70 J	2.20	2.50	9.20
Perfluorohexanesulfonic acid (PFHxS)	1.80 U	1.80 U	2.00	1.70 J	190
Perfluorohexanoic acid (PFHxA)	5.70	3.10	4.40	5.20	20.0
Perfluorononanoic acid (PFNA)	0.900 J	1.10 J	1.20 J	1.50 J	2.00
Perfluorooctanesulfonic acid (PFOS)	2.50 J	3.00 J	3.20 J	4.10	110
Perfluorooctanoic acid (PFOA)	3.90	2.90	4.00	4.20	18.0
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)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 32VP-19-10	32VP-19-10	32VP-19-10 (FD)	32VP-19-11	32VP-19-11
Field Sample ID:	32VP-19-10-89-93	32VP-19-10-99-103	A2-VP-DUP-R2-091819	32VP-19-11-29-33	32VP-19-11-39-43
Sample Begin Depth:	89.00	99.00	99.00	29.00	39.00
Sample End Depth:	93.00	103.00	103.00	33.00	43.00
Sample Date:	09/18/2019	09/18/2019	09/18/2019	09/26/2019	09/24/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	20.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.70 U	10.0 U	9.10 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.70 U	10.0 U	9.10 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.70 U	10.0 U	9.10 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	0.650 J	1.50 J	1.70 J	3.60	1.20 J
Perfluorodecanoic acid (PFDA)	0.920 U	0.970 U	1.00 U	2.10	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	0.610 J	2.00	2.10	6.70	3.00
Perfluorohexanesulfonic acid (PFHxS)	8.70	19.0	19.0	13.0	6.00
Perfluorohexanoic acid (PFHxA)	1.50 J	4.80	5.00	15.0	3.50
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	2.90	1.40 U
Perfluorooctanesulfonic acid (PFOS)	5.90	7.90	8.30	21.0	7.50
Perfluorooctanoic acid (PFOA)	2.70	6.40	6.50	11.0	6.90
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	3.10 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	3.10 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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	Locations: 32VP-19-11	32VP-19-11	32VP-19-11	32VP-19-11	32VP-19-11
Field Sample ID:	32VP-19-11-49-53	32VP-19-11-59-63	32VP-19-11-69-73	32VP-19-11-79-83	32VP-19-11-89-93
Sample Begin Depth:	49.00	59.00	69.00	79.00	89.00
Sample End Depth:	53.00	63.00	73.00	83.00	93.00
Sample Date:	09/24/2019	09/25/2019	09/25/2019	09/25/2019	09/26/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	19.0 U	18.0 U	27.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.30 U	9.30 U	9.20 U	13.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.30 U	9.30 U	9.20 U	13.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.30 U	9.30 U	9.20 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	1.80	1.30 J	0.930 U	0.920 U	0.690 J
Perfluorodecanoic acid (PFDA)	0.610 J	0.930 U	0.930 U	0.920 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	2.00 U
Perfluoroheptanoic acid (PFHpA)	2.70	1.40 U	1.40 U	1.40 U	2.00 U
Perfluorohexanesulfonic acid (PFHxS)	9.60	3.10	2.60	3.20	7.80
Perfluorohexanoic acid (PFHxA)	3.90	0.930 U	0.500 J	0.430 J	1.70 J
Perfluorononanoic acid (PFNA)	0.650 J	1.40 U	1.40 U	1.40 U	2.00 U
Perfluorooctanesulfonic acid (PFOS)	8.50	5.60	5.70	6.20	5.20 J
Perfluorooctanoic acid (PFOA)	6.60	0.880 J	0.840 J	1.20 J	3.40
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.80 U	4.00 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	2.80 U	4.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.10 J

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	Locations: 32VP-19-11	32VP-19-11 (FD)	32VP-19-12	32VP-19-12	32VP-19-12
Field Sample ID:	32VP-19-11-99-103	A2-VP-DUP-R2-092419	32VP-19-12-109-113	32VP-19-12-119-123	32VP-19-12-128-132
Sample Begin Depth:	99.00	39.00	109.00	119.00	128.00
Sample End Depth:	103.00	43.00	113.00	123.00	132.00
Sample Date:	09/26/2019	09/24/2019	10/02/2019	10/03/2019	10/08/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	24.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.20 U	12.0 U	9.50 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.20 U	12.0 U	9.50 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.20 U	12.0 U	9.50 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	0.780 J	1.30 J	1.20 U	0.610 J	0.590 J
Perfluorodecanoic acid (PFDA)	0.940 U	0.920 U	1.50 J	0.950 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.80 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	2.90	0.950 J	1.40 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	8.00	6.00	2.20 J	2.60	4.50
Perfluorohexanoic acid (PFHxA)	0.550 J	3.20	1.30 J	0.950 U	0.620 J
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	0.670 J	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.70 J	7.60	4.10 J	2.80 U	2.30 J
Perfluorooctanoic acid (PFOA)	1.30 J	6.90	3.10	0.570 J	1.30 J
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	3.70 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	3.70 U	2.80 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: 32VP-19-12	32VP-19-12	32VP-19-12	32VP-19-12	32VP-19-12
Field Sample ID:	32VP-19-12-22-26	32VP-19-12-29-33	32VP-19-12-39-43	32VP-19-12-49-53	32VP-19-12-59-63
Sample Begin Depth:	22.00	29.00	39.00	49.00	59.00
Sample End Depth:	26.00	33.00	43.00	53.00	63.00
Sample Date:	10/08/2019	09/27/2019	09/27/2019	09/27/2019	10/01/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.20 U	9.30 U	9.30 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.20 U	9.30 U	9.30 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.20 U	9.30 U	9.30 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	7.50	2.70	1.20 J	1.30 J	1.30 J
Perfluorodecanoic acid (PFDA)	0.960 U	0.920 U	0.930 U	0.580 J	0.810 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	67.0	4.20	2.90	3.20	3.50
Perfluorohexanesulfonic acid (PFHxS)	17.0	12.0	4.50	4.80	5.50
Perfluorohexanoic acid (PFHxA)	39.0	7.10	5.00	4.20	5.20
Perfluorononanoic acid (PFNA)	0.900 J	1.70 J	0.710 J	0.690 J	1.40 J
Perfluorooctanesulfonic acid (PFOS)	8.60	5.20 J	5.00 J	6.50 J	5.30
Perfluorooctanoic acid (PFOA)	440	9.30	8.50	9.10	11.0
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: 32VP-19-12	32VP-19-12	32VP-19-12	32VP-19-12	32VP-19-12 (FD)
Field Sample ID:	32VP-19-12-69-73	32VP-19-12-79-83	32VP-19-12-89-93	32VP-19-12-99-103	A2-VP-DUP-R2-100119
Sample Begin Depth:	69.00	79.00	89.00	99.00	69.00
Sample End Depth:	73.00	83.00	93.00	103.00	73.00
Sample Date:	10/01/2019	10/01/2019	10/01/2019	10/02/2019	10/01/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	19.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.10 U	9.50 U	10.0 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.10 U	9.50 U	10.0 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.10 U	9.50 U	10.0 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	1.00 J	1.60 J	1.10 J	1.00 U	1.20 J
Perfluorodecanoic acid (PFDA)	1.30 J	0.910 U	0.950 U	1.00 U	1.30 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.50 U	0.790 J
Perfluoroheptanoic acid (PFHpA)	3.70	1.60 J	0.630 J	1.50 U	3.70
Perfluorohexanesulfonic acid (PFHxS)	7.00	10.0	7.10	0.740 J	7.00
Perfluorohexanoic acid (PFHxA)	4.30	2.00	0.790 J	1.00 U	4.30
Perfluorononanoic acid (PFNA)	1.30 J	1.40 U	1.40 U	1.50 U	1.30 J
Perfluorooctanesulfonic acid (PFOS)	5.50	4.10	1.90 J	1.20 J	5.30
Perfluorooctanoic acid (PFOA)	11.0	6.90	3.00	2.00 U	11.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	2.90 U	3.00 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	2.90 U	3.00 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.50 U	1.40 U

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KOMAN, PFAS RI, Vertical Profile Samples-Area2

AOC 43A, Petroleum, Oil, and Lubricant (POL) Storage Area

	Locations: 43AVP-19-01	43AVP-19-01	43AVP-19-01	43AVP-19-01	43AVP-19-01
Field Sample ID:	43AVP-19-01-37-41	43AVP-19-01-47-51	43AVP-19-01-57-61	43AVP-19-01-67-71	43AVP-19-01-75-79
Sample Begin Depth:	37.00	47.00	57.00	67.00	75.00
Sample End Depth:	41.00	51.00	61.00	71.00	79.00
Sample Date:	04/23/2019	04/23/2019	04/23/2019	04/23/2019	04/24/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	19.0 U	20.0 U	24.0 U	26.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	9.50 U	10.0 U	12.0 U	13.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	9.50 U	10.0 U	12.0 U	13.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	9.50 U	10.0 U	12.0 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	1.50 J	2.50	1.90 J	1.80 J	1.70 J
Perfluorodecanoic acid (PFDA)	1.60 J	1.80 J	1.00 U	1.20 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.90	1.50 U	1.80 U	2.00 U
Perfluoroheptanoic acid (PFHpA)	3.80	4.70	3.10	3.20	3.20
Perfluorohexanesulfonic acid (PFHxS)	11.0	25.0	22.0	22.0	22.0
Perfluorohexanoic acid (PFHxA)	3.80	8.40	6.00	5.20	5.00
Perfluorononanoic acid (PFNA)	1.10 J	1.60 J	1.50 U	1.80 U	2.00 U
Perfluorooctanesulfonic acid (PFOS)	4.90	8.50	15.0	19.0	17.0
Perfluorooctanoic acid (PFOA)	9.00	16.0	9.80	11.0	12.0
Perfluorotetradecanoic acid (PFTA)	3.20 U	2.90 U	3.00 U	3.60 U	3.90 U
Perfluorotridecanoic acid (PFTrDA)	3.20 U	2.90 U	3.00 U	3.60 U	3.90 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	4.40	1.50 U	1.80 U	2.00 U

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	Locations: 43AVP-19-02	43AVP-19-02	43AVP-19-02	43AVP-19-02	43AVP-19-02
Field Sample ID:	43AVP-19-02-32-36	43AVP-19-02-42-46	43AVP-19-02-52-56	43AVP-19-02-62-66	43AVP-19-02-72-76
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:	05/10/2019	05/10/2019	05/10/2019	05/10/2019	05/13/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	21.0 U	19.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.70 U	10.0 U	9.40 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.70 U	10.0 U	9.40 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.70 U	10.0 U	9.40 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	1.30 J	2.20	1.40 J	1.90	1.80 J
Perfluorodecanoic acid (PFDA)	0.810 J	0.970 U	1.00 U	0.940 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.50 U	1.40 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	1.90	3.00	3.00	3.60	3.30
Perfluorohexanesulfonic acid (PFHxS)	10.0	12.0	12.0	16.0	16.0
Perfluorohexanoic acid (PFHxA)	2.80	5.00	4.20	4.40	5.40
Perfluorononanoic acid (PFNA)	0.710 J	0.680 J	0.810 J	1.40 U	1.60 U
Perfluorooctanesulfonic acid (PFOS)	12.0	8.00	7.10	6.80	15.0
Perfluorooctanoic acid (PFOA)	4.30	8.30	7.70	10.0	9.50
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	3.10 U	2.80 U	3.20 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	3.10 U	2.80 U	3.20 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.50 U	1.40 U	1.60 U

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	Locations: 43AVP-19-02	43AVP-19-03	43AVP-19-03	43AVP-19-03	43AVP-19-03
Field Sample ID:	43AVP-19-02-78-82	43AVP-19-03-27-31	43AVP-19-03-37-41	43AVP-19-03-47-51	43AVP-19-03-57-61
Sample Begin Depth:	78.00	27.00	37.00	47.00	57.00
Sample End Depth:	82.00	31.00	41.00	51.00	61.00
Sample Date:	05/13/2019	03/29/2019	03/29/2019	03/29/2019	03/29/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	18.0 U	20.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	9.20 U	9.80 U	9.90 U	9.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.20 U	9.80 U	9.90 U	9.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.20 U	9.80 U	9.90 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	1.40 J	3.50	2.10	1.90 J	2.10
Perfluorodecanoic acid (PFDA)	1.20 U	0.920 U	1.10 J	0.740 J	0.990 U
Perfluorododecanoic acid (PFDoA)	1.80 U	1.40 U	1.50 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	3.20	3.90	1.10 J	4.20	3.10
Perfluorohexanesulfonic acid (PFHxS)	13.0	33.0	9.20	11.0	13.0
Perfluorohexanoic acid (PFHxA)	4.60	7.20	1.40 J	11.0	11.0
Perfluorononanoic acid (PFNA)	1.80 U	0.540 J	0.580 J	0.890 J	1.50 U
Perfluorooctanesulfonic acid (PFOS)	7.00	12.0	3.00 J	2.40 J	4.50
Perfluorooctanoic acid (PFOA)	8.80	11.0	2.00	3.60	3.80
Perfluorotetradecanoic acid (PFTA)	3.50 U	2.80 U	2.90 U	3.00 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	3.50 U	2.80 U	2.90 U	3.00 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.40 U	1.50 U	1.50 U	1.50 U

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	Locations: 43AVP-19-03 (FD)	43AVP-19-04	43AVP-19-04	43AVP-19-04	43AVP-19-04
Field Sample ID:	A2-VP-DUP-R1-32919	43AVP-19-04-27-31	43AVP-19-04-37-41	43AVP-19-04-47-51	43AVP-19-04-57-61
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:	03/29/2019	03/28/2019	03/28/2019	03/28/2019	03/29/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	18.0 U	18.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.30 U	9.20 U	9.20 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.30 U	9.20 U	9.20 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.30 U	9.20 U	9.20 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	1.80 J	0.960 J	1.00 J	1.00 J	2.20
Perfluorodecanoic acid (PFDA)	0.870 J	0.940 J	0.850 J	1.30 J	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	4.20	3.70	2.40	2.60	3.00
Perfluorohexanesulfonic acid (PFHxS)	12.0	8.80	2.60	3.60	20.0
Perfluorohexanoic acid (PFHxA)	10.0	4.30	4.80	2.80	5.30
Perfluorononanoic acid (PFNA)	1.00 J	1.00 J	0.930 J	1.40 J	1.60 U
Perfluorooctanesulfonic acid (PFOS)	2.50 J	5.00	3.30 J	9.40	11.0
Perfluorooctanoic acid (PFOA)	3.30	9.10	3.10	3.40	9.40
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	2.80 U	3.20 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	2.80 U	3.20 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	0.950 J	1.40 U	1.60 U

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Locations:	43AVP-19-04	43AVP-19-04 (FD)
Field Sample ID:	43AVP-19-04-66-70	A2-VP-DUP-R2-032919
Sample Begin Depth:	66.00	57.00
Sample End Depth:	70.00	61.00
Sample Date:	03/29/2019	03/29/2019
PFAS (ng/L)		
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.80 J	2.20
Perfluorodecanoic acid (PFDA)	1.10 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	3.40	2.80
Perfluorohexanesulfonic acid (PFHxS)	14.0	22.0
Perfluorohexanoic acid (PFHxA)	4.40	5.80
Perfluorononanoic acid (PFNA)	1.60 U	1.60 U
Perfluorooctanesulfonic acid (PFOS)	16.0	10.0
Perfluorooctanoic acid (PFOA)	12.0	10.0
Perfluorotetradecanoic acid (PFTA)	3.20 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	3.20 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.60 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