

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

KOMAN, PFAS RI, Vertical Profile Samples-Area3

AOC 30, Former Moore Army Air Field Drum Storage Area

	Locations: 30VP-19-01	30VP-19-01	30VP-19-02	30VP-19-02	30VP-19-02
Field Sample ID:	30VP-19-01-18-22	30VP-19-01-28-32	30VP-19-02-18-22	30VP-19-02-28-32	30VP-19-02-38-42
Sample Begin Depth:	18.00	28.00	18.00	28.00	38.00
Sample End Depth:	22.00	32.00	22.00	32.00	42.00
Sample Date:	07/17/2019	07/17/2019	07/18/2019	07/19/2019	07/19/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.50 U	9.40 U	9.20 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.50 U	9.40 U	9.20 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.50 U	9.40 U	9.20 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	0.760 J	2.40	0.600 J	0.450 J	1.80
Perfluorodecanoic acid (PFDA)	0.930 U	0.950 U	0.940 U	0.920 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)	1.20 J	6.50	0.580 J	1.40 U	3.90
Perfluorohexanesulfonic acid (PFHxS)	14.0	80.0	9.40	5.60	40.0
Perfluorohexanoic acid (PFHxA)	3.00	9.90	5.00	0.920 U	5.80
Perfluorononanoic acid (PFNA)	1.40 U	1.20 J	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	11.0	110	2.80 U	2.80 U	56.0
Perfluorooctanoic acid (PFOA)	3.20	17.0	1.90	1.40 U	10.0
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.80 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 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: 30VP-19-02 (FD)	30VP-19-03	30VP-19-03	30VP-19-03	30VP-19-03
Field Sample ID:	A3-VP-DUP-R1-71919	30VP-19-03-103-107	30VP-19-03-113-117	30VP-19-03-73-77	30VP-19-03-83-87
Sample Begin Depth:	28.00	103.00	113.00	73.00	83.00
Sample End Depth:	32.00	107.00	117.00	77.00	87.00
Sample Date:	07/19/2019	07/11/2019	07/11/2019	07/08/2019	07/08/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	18.0 U	19.0 U	21.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.00 U	9.50 U	10.0 U	9.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.00 U	9.50 U	10.0 U	9.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.00 U	9.50 U	10.0 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	0.480 J	3.80	3.30	49.0	2.70
Perfluorodecanoic acid (PFDA)	0.980 U	0.900 U	0.950 U	1.00 U	0.990 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.30 U	1.40 U	1.60 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	22.0	20.0	300	11.0
Perfluorohexanesulfonic acid (PFHxS)	5.60	220	210	2500	180
Perfluorohexanoic acid (PFHxA)	0.980 U	24.0	22.0	1500	21.0
Perfluorononanoic acid (PFNA)	1.50 U	4.60	2.70	1.60 U	1.70 J
Perfluorooctanesulfonic acid (PFOS)	2.90 U	300	180	32.0	44.0
Perfluorooctanoic acid (PFOA)	1.50 U	47.0	52.0	3500	14.0
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.70 U	2.90 U	3.10 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.70 U	2.90 U	3.10 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.30 U	1.40 U	1.60 U	1.50 U

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	Locations: 30VP-19-03	30VP-19-04	30VP-19-04	30VP-19-04	30VP-19-04
Field Sample ID:	30VP-19-03-93-97	30VP-19-04-103-107	30VP-19-04-113-117	30VP-19-04-123-127	30VP-19-04-131-135
Sample Begin Depth:	93.00	103.00	113.00	123.00	131.00
Sample End Depth:	97.00	107.00	117.00	127.00	135.00
Sample Date:	07/10/2019	07/10/2019	07/10/2019	07/11/2019	07/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	21.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.60 U	11.0 U	10.0 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.60 U	11.0 U	10.0 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.60 U	11.0 U	10.0 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	8.80	1.90	23.0	9.50	11.0
Perfluorodecanoic acid (PFDA)	0.940 U	0.960 U	1.10 U	1.00 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.60 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	17.0	9.60	11.0	23.0	23.0
Perfluorohexanesulfonic acid (PFHxS)	470	19.0	160	240	250
Perfluorohexanoic acid (PFHxA)	77.0	28.0	150	72.0	84.0
Perfluorononanoic acid (PFNA)	1.70 J	1.40 U	1.60 U	1.90 J	2.20
Perfluorooctanesulfonic acid (PFOS)	120	2.90 U	16.0	130	200
Perfluorooctanoic acid (PFOA)	74.0	1.40 U	23.0	120	170
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	3.20 U	3.10 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	3.20 U	3.10 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.60 U	1.50 U	1.50 U

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	Locations: 30VP-19-04	30VP-19-04	30VP-19-04	30VP-19-04 (FD)	30VP-19-05
Field Sample ID:	30VP-19-04-73-77	30VP-19-04-83-87	30VP-19-04-93-97	A3-VP-DUP-R1-7919	30VP-19-05-20-24
Sample Begin Depth:	73.00	83.00	93.00	73.00	20.00
Sample End Depth:	77.00	87.00	97.00	77.00	24.00
Sample Date:	07/09/2019	07/09/2019	07/09/2019	07/09/2019	07/16/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	21.0 U	40.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	10.0 U	20.0 U	9.60 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	10.0 U	20.0 U	9.60 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	10.0 U	20.0 U	9.60 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	1.10 J	0.720 J	2.00 U	1.20 J	1.30 J
Perfluorodecanoic acid (PFDA)	0.940 U	1.00 U	2.00 U	0.960 U	1.70 J
Perfluorododecanoic acid (PFDoA)	1.40 U	1.60 U	3.00 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	5.10	1.70 J	3.00 U	5.10	1.30 J
Perfluorohexanesulfonic acid (PFHxS)	15.0	20.0	5.70 U	15.0	29.0
Perfluorohexanoic acid (PFHxA)	14.0	6.00	5.20	14.0	3.40
Perfluorononanoic acid (PFNA)	1.40 U	1.60 U	3.00 U	1.40 U	1.30 J
Perfluorooctanesulfonic acid (PFOS)	2.80 U	3.10 U	6.00 U	2.90 U	51.0
Perfluorooctanoic acid (PFOA)	1.40 J	0.730 J	3.00 U	1.40 J	2.20
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.10 U	6.00 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.10 U	6.00 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.60 U	3.00 U	1.40 U	1.40 U

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	Locations: 30VP-19-05	30VP-19-05	30VP-19-05	30VP-19-06	30VP-19-06
Field Sample ID:	30VP-19-05-30-34	30VP-19-05-40-44	30VP-19-05-45-49	30VP-19-06-73-77	30VP-19-06-83-87
Sample Begin Depth:	30.00	40.00	45.00	73.00	83.00
Sample End Depth:	34.00	44.00	49.00	77.00	87.00
Sample Date:	07/16/2019	07/16/2019	07/16/2019	07/11/2019	07/11/2019
PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	8.10 J	19.0 U	15.0 J
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.60 U	29.0	56.0	59.0
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.60 U	11.0 U	9.30 U	17.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.60 U	11.0 U	9.30 U	17.0 U
Perfluorobutanesulfonic acid (PFBS)	1.40 J	1.70 J	7.40	7.10	10.0
Perfluorodecanoic acid (PFDA)	0.810 J	0.880 J	1.80 J	2.10	2.30 J
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.60 U	1.40 U	2.50 U
Perfluoroheptanoic acid (PFHpA)	8.10	6.40	17.0	63.0	100
Perfluorohexanesulfonic acid (PFHxS)	29.0	46.0	110	310	380
Perfluorohexanoic acid (PFHxA)	14.0	9.00	30.0	69.0	98.0
Perfluorononanoic acid (PFNA)	2.60	2.30	3.50	7.70	9.00
Perfluorooctanesulfonic acid (PFOS)	51.0	70.0	320	870	1800
Perfluorooctanoic acid (PFOA)	17.0	14.0	43.0	110	130
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.90 U	3.20 U	2.80 U	5.10 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.90 U	3.20 U	2.80 U	5.10 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.60 U	1.40 U	2.50 U

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Detects are displayed in bold font

Data Qualifier Definitions

J: The analyte was positively identified, but the associated numerical value is estimated and represents the approximate concentration of the analyte in the sample.
U: The analyte was not detected above the reported sample quantitation limit.
UJ: The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate.

Units

MG/KG = milligrams per kilogram
NG/L = nanograms per liter
PERCENT = percent
PPT = parts per thousand
UG/KG = microgram per kilogram
UG/L = microgram per liter