

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

KOMAN, PFAS RI, Soil Boring Samples-Area 3

AOC 30, Former Moore Army Air Field Drum Storage Area

	Locations: 30SB-19-01	30SB-19-01	30SB-19-01	30SB-19-01	30SB-19-01
Field Sample ID:	30SB-19-01-0.5-3	30SB-19-01-0-0.5	30SB-19-01-3-7	30SB-19-01-58-60	30SB-19-01-7-15
Sample Begin Depth:	0.50	0.00	3.00	58.00	7.00
Sample End Depth:	3.00	0.50	7.00	60.00	15.00
Sample Date:	10/14/2019	10/14/2019	10/14/2019	10/14/2019	10/14/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.10 U	2.00 U	2.20 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	1.00 U	1.00 U	1.10 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	1.00 U	1.00 U	1.10 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	1.00 U	1.00 U	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.190 U	0.180 U	0.200 U	0.0830 J
Perfluorodecanoic acid (PFDA)	0.230 J	0.210 U	0.200 U	0.220 U	0.200 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.150 J	0.200 U	0.220 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.110 J	0.200 U	0.220 U	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	7.20	5.60	5.00	0.520	3.80
Perfluorohexanoic acid (PFHxA)	0.400	0.960	0.200 U	0.220 U	0.0920 J
Perfluorononanoic acid (PFNA)	0.210 U	0.210 U	0.200 U	0.220 U	0.200 U
Perfluorooctanesulfonic acid (PFOS)	35.0	14.0	1.00 U	0.550 U	1.00 U
Perfluorooctanoic acid (PFOA)	1.50	0.930	2.20	0.120 J	1.00
Perfluorotetradecanoic acid (PFTA)	0.310 U	0.310 U	0.300 U	0.330 U	0.300 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.210 U	0.200 U	0.220 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.120 J	0.200 U	0.220 U	0.200 U

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

	Locations: 30SB-19-02	30SB-19-02	30SB-19-02	30SB-19-02	30SB-19-02 (FD)
Field Sample ID:	30SB-19-02-0.5-3	30SB-19-02-0-0.5	30SB-19-02-3-7	30SB-19-02-7-15	A3-SB-DUP-101419
Sample Begin Depth:	0.50	0.00	3.00	7.00	7.00
Sample End Depth:	3.00	0.50	7.00	15.00	15.00
Sample Date:	10/14/2019	10/14/2019	10/14/2019	10/14/2019	10/14/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	1.90 U	1.90 U	2.20 U	1.90 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	0.970 U	0.950 U	1.10 U	0.960 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	0.970 U	0.950 U	1.10 U	0.960 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	0.970 U	0.950 U	1.10 U	0.960 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.170 U	0.170 U	0.190 U	0.170 U
Perfluorodecanoic acid (PFDA)	0.210 U	0.190 U	0.190 U	0.220 U	0.190 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.190 U	0.190 U	0.220 U	0.190 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.190 U	0.190 U	0.220 U	0.190 U
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	0.190 U	0.190 U	0.220 U	0.190 U
Perfluorohexanoic acid (PFHxA)	0.320	0.270 J	0.190 U	0.220 U	0.190 U
Perfluorononanoic acid (PFNA)	0.210 U	0.190 U	0.190 U	0.220 U	0.190 U
Perfluorooctanesulfonic acid (PFOS)	1.00 U	0.480 U	0.480 U	0.540 U	0.960 U
Perfluorooctanoic acid (PFOA)	0.210 U	0.190 U	0.190 U	0.220 U	0.190 U
Perfluorotetradecanoic acid (PFTA)	0.310 U	0.290 U	0.290 U	0.320 U	0.290 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.190 U	0.190 U	0.220 U	0.190 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.190 U	0.190 U	0.220 U	0.190 U

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

	Locations: 30SB-19-03	30SB-19-03	30SB-19-03	30SB-19-03	30SB-19-04
Field Sample ID:	30SB-19-03-0.5-3	30SB-19-03-0-0.5	30SB-19-03-3-7	30SB-19-03-7-15	30SB-19-04-0.5-3
Sample Begin Depth:	0.50	0.00	3.00	7.00	0.50
Sample End Depth:	3.00	0.50	7.00	15.00	3.00
Sample Date:	10/14/2019	10/14/2019	10/14/2019	10/14/2019	10/15/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.10 U	2.50 U	2.00 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	1.10 U	1.30 U	1.00 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	1.10 U	1.30 U	1.00 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	1.10 U	1.30 U	1.00 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.0890 J	0.190 U	0.230 U	0.180 U	0.190 U
Perfluorodecanoic acid (PFDA)	0.210 U	0.210 U	0.250 U	0.200 U	0.210 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.210 U	0.250 U	0.200 U	0.210 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.210 U	0.250 U	0.200 U	0.210 U
Perfluorohexanesulfonic acid (PFHxS)	0.240 J	0.0890 J	0.110 J	0.200 U	0.210 U
Perfluorohexanoic acid (PFHxA)	0.330	0.210 U	0.110 J	0.200 U	0.210 U
Perfluorononanoic acid (PFNA)	0.210 U	0.210 U	0.250 U	0.200 U	0.210 U
Perfluorooctanesulfonic acid (PFOS)	0.510 U	1.10 U	1.30 U	0.500 U	0.580 J
Perfluorooctanoic acid (PFOA)	0.150 J	0.160 J	0.250 U	0.200 U	0.210 U
Perfluorotetradecanoic acid (PFTA)	0.310 U	0.320 U	0.380 U	0.300 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.210 U	0.250 U	0.200 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.210 U	0.250 U	0.200 U	0.210 U

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

	Locations: 30SB-19-04	30SB-19-04	30SB-19-04	30SB-19-04	30SB-19-04 (FD)
Field Sample ID:	30SB-19-04-0-0.5	30SB-19-04-3-7	30SB-19-04-67-69	30SB-19-04-7-15	A3-SB-DUP01-101519
Sample Begin Depth:	0.00	3.00	67.00	7.00	0.50
Sample End Depth:	0.50	7.00	69.00	15.00	3.00
Sample Date:	10/15/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.00 U	2.00 U	2.00 U	1.90 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	0.990 U	1.00 U	1.00 U	0.970 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.990 U	1.00 U	1.00 U	0.970 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.990 U	1.00 U	1.00 U	0.970 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.180 U	0.180 U	0.180 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.200 U	0.200 U	0.200 U	0.190 U	0.200 U
Perfluorododecanoic acid (PFDoA)	0.200 U	0.200 U	0.200 U	0.190 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.200 U	0.200 U	0.200 U	0.190 U	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	0.200 U	0.0670 J	0.290 J	0.290 U	0.200 U
Perfluorohexanoic acid (PFHxA)	0.200 U	0.200 U	0.300 U	0.190 U	0.200 U
Perfluorononanoic acid (PFNA)	0.200 U	0.200 U	0.200 U	0.190 U	0.200 U
Perfluorooctanesulfonic acid (PFOS)	0.490 U	0.600 J	0.500 U	5.90	0.650 J
Perfluorooctanoic acid (PFOA)	0.200 U	0.200 U	0.900	0.110 J	0.200 U
Perfluorotetradecanoic acid (PFTA)	0.300 U	0.300 U	0.300 U	0.290 U	0.300 U
Perfluorotridecanoic acid (PFTrDA)	0.200 U	0.200 U	0.200 U	0.190 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.200 U	0.200 U	0.200 U	0.190 U	0.200 U

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

	Locations: 30SB-19-05	30SB-19-05	30SB-19-05	30SB-19-05	30SB-19-06
Field Sample ID:	30SB-19-05-0.5-3	30SB-19-05-0-0.5	30SB-19-05-3-7	30SB-19-05-7-15	30SB-19-06-0.5-3
Sample Begin Depth:	0.50	0.00	3.00	7.00	0.50
Sample End Depth:	3.00	0.50	7.00	15.00	3.00
Sample Date:	10/14/2019	10/14/2019	10/14/2019	10/14/2019	10/15/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.00 U	2.00 U	2.00 U	2.10 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	1.00 U	1.00 U	1.00 U	0.980 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	1.00 U	1.00 U	1.00 U	0.980 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	1.00 U	1.00 U	1.00 U	0.980 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.180 U	0.180 U	0.190 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.200 U	0.200 U	0.200 U	0.210 U	0.200 U
Perfluorododecanoic acid (PFDoA)	0.200 U	0.200 U	0.200 U	0.210 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.200 U	0.200 U	0.200 U	0.210 U	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	0.270 J	0.180 J	1.10	2.20	0.110 J
Perfluorohexanoic acid (PFHxA)	0.200 U	0.200 U	0.200 U	0.210 U	0.200 U
Perfluorononanoic acid (PFNA)	0.200 U	0.200 U	0.200 U	0.210 U	0.200 U
Perfluorooctanesulfonic acid (PFOS)	1.00 U	3.30	1.70	3.80	0.980 U
Perfluorooctanoic acid (PFOA)	0.100 J	0.200 U	1.70	5.70	0.110 J
Perfluorotetradecanoic acid (PFTA)	0.300 U	0.300 U	0.300 U	0.310 U	0.290 U
Perfluorotridecanoic acid (PFTrDA)	0.200 U	0.200 U	0.200 U	0.210 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.200 U	0.200 U	0.200 U	0.210 U	0.200 U

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

	Locations: 30SB-19-06	30SB-19-06	30SB-19-06
Field Sample ID:	30SB-19-06-0-0.5	30SB-19-06-3-7	30SB-19-06-7-15
Sample Begin Depth:	0.00	3.00	7.00
Sample End Depth:	0.50	7.00	15.00
Sample Date:	10/15/2019	10/15/2019	10/15/2019
PFAS (ug/kg)			
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.20 U	2.10 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.00 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.00 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.00 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.200 U	0.190 U	0.190 U
Perfluorodecanoic acid (PFDA)	0.220 U	0.140 J	0.210 U
Perfluorododecanoic acid (PFDoA)	0.220 U	0.210 U	0.210 U
Perfluoroheptanoic acid (PFHpA)	0.220 U	0.210 U	0.210 U
Perfluorohexanesulfonic acid (PFHxS)	0.300 J	0.850	0.980
Perfluorohexanoic acid (PFHxA)	0.160 J	0.310 U	0.310 U
Perfluorononanoic acid (PFNA)	0.220 U	0.330	0.200 J
Perfluorooctanesulfonic acid (PFOS)	1.60	100	54.0
Perfluorooctanoic acid (PFOA)	0.320 J	0.650	2.50
Perfluorotetradecanoic acid (PFTA)	0.330 U	0.310 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.220 U	0.210 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	0.220 U	0.210 U	0.210 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