

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 21, Waste Water Treatment Plant Sludge Drying Beds

	Locations: 21SB-19-01	21SB-19-01	21SB-19-01	21SB-19-01	21SB-19-01
Field Sample ID:	21SB-19-01-0.5-3	21SB-19-01-0-0.5	21SB-19-01-10-12	21SB-19-01-3-7	21SB-19-01-7-10
Sample Begin Depth:	0.50	0.00	12.00	3.00	7.00
Sample End Depth:	3.00	0.50	12.00	7.00	10.00
Sample Date:	11/14/2019	11/14/2019	11/14/2019	11/14/2019	11/14/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.50 U	2.50 U	2.20 U	2.10 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.30 U	1.20 U	1.10 U	1.10 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.60	0.490 J	1.10 U	1.10 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.970 J	0.540 J	1.10 U	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.230 U	0.220 U	0.200 U	0.190 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.400	0.210 J	0.220 U	0.210 U	0.200 U
Perfluorododecanoic acid (PFDoA)	0.250 U	0.290 J	0.220 U	0.210 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.230 J	0.250 U	0.220 U	0.210 U	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	0.370 J	0.560	0.220 U	0.280 J	0.0840 J
Perfluorohexanoic acid (PFHxA)	0.140 J	0.250 U	0.220 U	0.210 U	0.200 U
Perfluorononanoic acid (PFNA)	0.170 J	0.250 U	0.220 U	0.210 U	0.200 U
Perfluorooctanesulfonic acid (PFOS)	19.0 J	5.80 J	0.950 J	5.20 J	0.350 J
Perfluorooctanoic acid (PFOA)	1.90	0.130 J	0.220 U	2.20	0.380
Perfluorotetradecanoic acid (PFTA)	0.380 U	0.370 U	0.330 U	0.320 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.250 U	0.250 U	0.220 U	0.210 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.250 U	0.140 J	0.220 U	0.210 U	0.200 U

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	Locations: 21SB-19-01 (FD)	21SB-19-02	21SB-19-02	21SB-19-02	21SB-19-02
Field Sample ID:	A3-SB-DUP01-111419	21SB-19-02-0.5-3	21SB-19-02-0-0.5	21SB-19-02-3-7	21SB-19-02-7-11
Sample Begin Depth:	3.00	0.50	0.00	3.00	7.00
Sample End Depth:	7.00	3.00	0.50	7.00	11.00
Sample Date:	11/14/2019	11/14/2019	11/14/2019	11/14/2019	11/14/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.30 U	2.50 U	2.10 U	2.20 U	2.20 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.20 U	1.20 U	1.00 U	1.10 U	1.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.20 U	1.20 U	1.00 U	2.20	1.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.20 U	1.20 U	1.00 U	0.690 J	1.10 U
Perfluorobutanesulfonic acid (PFBS)	0.210 U	0.220 U	0.190 U	0.200 U	0.200 U
Perfluorodecanoic acid (PFDA)	0.230 U	0.290 J	0.290 J	0.120 J	0.220 U
Perfluorododecanoic acid (PFDoA)	0.230 U	0.250 U	0.200 J	0.220 U	0.220 U
Perfluoroheptanoic acid (PFHpA)	0.230 U	0.250 U	0.210 U	0.150 J	0.220 U
Perfluorohexanesulfonic acid (PFHxS)	0.280 J	0.0960 J	0.130 J	0.160 J	0.220 U
Perfluorohexanoic acid (PFHxA)	0.130 J	0.250 U	0.210 U	0.220 U	0.220 U
Perfluorononanoic acid (PFNA)	0.230 U	0.250 U	0.210 U	0.110 J	0.220 U
Perfluorooctanesulfonic acid (PFOS)	7.10 J	1.80 J	1.40 J	9.00 J	0.420 J
Perfluorooctanoic acid (PFOA)	2.10	0.250 U	0.130 J	0.930	0.400
Perfluorotetradecanoic acid (PFTA)	0.350 U	0.370 U	0.310 U	0.330 U	0.330 U
Perfluorotridecanoic acid (PFTrDA)	0.230 U	0.250 U	0.210 U	0.220 U	0.220 U
Perfluoroundecanoic acid (PFUnA)	0.230 U	0.250 U	0.140 J	0.220 U	0.220 U

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	Locations: 21SB-19-03	21SB-19-03	21SB-19-03	21SB-19-03	21SB-19-03 (FD)
Field Sample ID:	21SB-19-03-0.5-3	21SB-19-03-0-0.5	21SB-19-03-3-7	21SB-19-03-7-11	A3-SB-DUP02-111419
Sample Begin Depth:	0.50	0.00	3.00	7.00	7.00
Sample End Depth:	3.00	0.50	7.00	11.00	11.00
Sample Date:	11/14/2019	11/14/2019	11/14/2019	11/14/2019	11/14/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.60 U	2.40 U	2.20 U	2.30 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.30 U	1.20 U	1.10 U	1.10 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50 J	1.20 U	8.50	0.630 J	0.890 J
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.60	1.20 U	1.80 J	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.230 U	0.210 U	0.200 U	0.200 U	0.190 U
Perfluorodecanoic acid (PFDA)	0.270 J	0.140 J	0.460	0.150 J	0.190 J
Perfluorododecanoic acid (PFDoA)	0.260 U	0.250 J	0.220 U	0.230 U	0.210 U
Perfluoroheptanoic acid (PFHpA)	0.260 U	0.240 U	0.220 U	0.230 U	0.210 U
Perfluorohexanesulfonic acid (PFHxS)	0.210 J	0.240 U	0.120 J	0.230 U	0.210 U
Perfluorohexanoic acid (PFHxA)	0.260 U	0.240 U	0.220 U	0.230 U	0.210 U
Perfluorononanoic acid (PFNA)	0.160 J	0.240 U	0.260 J	0.230 U	0.210 U
Perfluorooctanesulfonic acid (PFOS)	10.0 J	0.960 J	13.0 J	2.30 J	3.00 J
Perfluorooctanoic acid (PFOA)	0.370 J	0.240 U	0.410	0.230 U	0.210 U
Perfluorotetradecanoic acid (PFTA)	0.390 U	0.360 U	0.330 U	0.340 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.260 U	0.240 U	0.220 U	0.230 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	0.260 U	0.140 J	0.220 U	0.230 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