

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 2

Patton Well Field

	Locations: PWSB-19-01	PWSB-19-01	PWSB-19-01	PWSB-19-01	PWSB-19-01
Field Sample ID:	PWSB-19-01-0.5-3	PWSB-19-01-0-0.5	PWSB-19-01-16.5-18.5	PWSB-19-01-3-7	PWSB-19-01-7-15
Sample Begin Depth:	0.50	0.00	16.50	3.00	7.00
Sample End Depth:	3.00	0.50	18.50	7.00	15.00
Sample Date:	11/26/2019	11/26/2019	11/26/2019	11/26/2019	11/26/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.00 U	2.00 U	1.90 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.00 U	0.980 U	0.970 U	0.980 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.00 U	0.980 U	0.970 U	0.980 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.00 U	0.980 U	0.970 U	0.980 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.180 U	0.180 U	0.170 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.210 U	0.380	0.200 U	0.190 U	0.200 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.510	0.200 U	0.190 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.0840 J	0.200 U	0.190 U	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	0.200 U	0.200 U	0.190 U	0.200 U
Perfluorohexanoic acid (PFHxA)	0.210 U	0.110 J	0.200 U	0.190 U	0.200 U
Perfluorononanoic acid (PFNA)	0.210 U	0.200 U	0.200 U	0.190 U	0.200 U
Perfluorooctanesulfonic acid (PFOS)	0.530 J	1.80	0.270 J	0.400 J	0.270 J
Perfluorooctanoic acid (PFOA)	0.210 U	0.200 J	0.110 J	0.190 U	0.200 U
Perfluorotetradecanoic acid (PFTA)	0.320 U	0.330 J	0.290 U	0.290 U	0.290 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.210 J	0.200 U	0.190 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.200 J	0.200 U	0.190 U	0.200 U

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	Locations: PWSB-19-02	PWSB-19-03	PWSB-19-04	PWSB-19-04	PWSB-19-04
Field Sample ID:	PWSB-19-02-0-0.5	PWSB-19-03-0-0.5	PWSB-19-04-0.5-3	PWSB-19-04-0-0.5	PWSB-19-04-19.5-21.5
Sample Begin Depth:	0.00	0.00	0.50	0.00	19.50
Sample End Depth:	0.50	0.50	3.00	0.50	21.50
Sample Date:	03/10/2020	03/10/2020	11/26/2019	11/26/2019	11/26/2019
PFAS (ug/kg)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	4.00 U	5.60 U	2.10 U	2.30 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	2.00 U	2.80 U	1.00 U	1.10 U	0.990 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00 U	2.80 U	1.00 U	1.10 U	0.990 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00 U	2.80 U	1.00 U	1.10 U	0.990 U
Perfluorobutanesulfonic acid (PFBS)	0.360 U	0.180 J	0.190 U	0.200 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.300 J	0.630 J	0.210 U	0.110 J	0.200 U
Perfluorododecanoic acid (PFDoA)	0.200 J	0.330 J	0.210 U	0.230 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.240 J	0.390 J	0.210 U	0.190 J	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	0.870	1.70	0.210 U	0.0900 J	0.200 U
Perfluorohexanoic acid (PFHxA)	0.230 J	0.250 J	0.210 U	0.160 J	0.200 U
Perfluorononanoic acid (PFNA)	0.290 J	0.510 J	0.210 U	0.120 J	0.200 U
Perfluorooctanesulfonic acid (PFOS)	4.30	4.00	0.470 J	1.40	0.330 J
Perfluorooctanoic acid (PFOA)	0.600	1.30	0.210 U	0.560	0.200 U
Perfluorotetradecanoic acid (PFTA)	0.600 U	0.830 U	0.310 U	0.340 U	0.300 U
Perfluorotridecanoic acid (PFTrDA)	0.400 U	0.560 U	0.210 U	0.230 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.370 J	0.520 J	0.210 U	0.230 U	0.200 U

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	Locations: PWSB-19-04	PWSB-19-04	PWSB-19-04 (FD)
Field Sample ID:	PWSB-19-04-3-7	PWSB-19-04-7-15	A2-SB-DUP-112619
Sample Begin Depth:	3.00	7.00	19.50
Sample End Depth:	7.00	15.00	21.50
Sample Date:	11/26/2019	11/26/2019	11/26/2019
PFAS (ug/kg)			
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.00 U	2.00 U	2.20 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	0.980 U	1.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	0.980 U	1.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	0.980 U	1.10 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.180 U	0.190 U
Perfluorodecanoic acid (PFDA)	0.200 U	0.200 U	0.220 U
Perfluorododecanoic acid (PFDoA)	0.200 U	0.200 U	0.220 U
Perfluoroheptanoic acid (PFHpA)	0.200 U	0.200 U	0.220 U
Perfluorohexanesulfonic acid (PFHxS)	0.200 U	0.200 U	0.220 U
Perfluorohexanoic acid (PFHxA)	0.200 U	0.200 U	0.220 U
Perfluorononanoic acid (PFNA)	0.200 U	0.200 U	0.220 U
Perfluorooctanesulfonic acid (PFOS)	0.500 U	0.340 J	0.330 J
Perfluorooctanoic acid (PFOA)	0.200 U	0.200 U	0.220 U
Perfluorotetradecanoic acid (PFTA)	0.300 U	0.290 U	0.320 U
Perfluorotridecanoic acid (PFTrDA)	0.200 U	0.200 U	0.220 U
Perfluoroundecanoic acid (PFUnA)	0.200 U	0.200 U	0.220 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