

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 1

AOX 57, Building 3713 Fuel Oil Spill Site

	Locations: 5702SB-19-01	5702SB-19-01	5702SB-19-01	5702SB-19-01	5702SB-19-01
Field Sample ID:	5702SB-19-01-0.5-3	5702SB-19-01-0-0.5	5702SB-19-01-11-13	5702SB-19-01-3-7	5702SB-19-01-7-11
Sample Begin Depth:	0.50	0.00	11.00	3.00	7.00
Sample End Depth:	3.00	0.50	13.00	7.00	11.00
Sample Date:	01/29/2019	01/29/2019	01/29/2019	01/29/2019	01/29/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.40 U	2.10 U	2.10 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.20 U	1.10 U	1.00 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.20 U	1.10 U	1.00 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.20 U	1.10 U	1.00 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.210 U	0.190 U	0.190 U	0.180 U
Perfluorodecanoic acid (PFDA)	<b>0.120 J</b>	<b>0.130 J</b>	0.210 U	0.210 U	0.200 U
Perfluorododecanoic acid (PFDoA)	0.210 U	<b>0.210 J</b>	0.210 U	0.210 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.240 U	0.210 U	0.210 U	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	0.240 U	0.210 U	0.210 U	0.200 U
Perfluorohexanoic acid (PFHxA)	<b>0.0960 J</b>	0.240 U	0.210 U	0.210 U	0.200 U
Perfluorononanoic acid (PFNA)	<b>0.100 J</b>	0.240 U	0.210 U	0.210 U	0.200 U
Perfluorooctanesulfonic acid (PFOS)	<b>0.390 J</b>	0.590 U	0.530 U	0.520 U	0.510 U
Perfluorooctanoic acid (PFOA)	<b>0.170 J</b>	0.240 U	0.210 U	0.210 U	0.200 U
Perfluorotetradecanoic acid (PFTA)	0.320 U	0.360 U	0.320 U	0.310 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.240 U	0.210 U	0.210 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	<b>0.150 J</b>	0.210 U	0.210 U	0.200 U

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	Locations: 5702SB-19-01 (FD)	5702SB-19-02	5702SB-19-02	5702SB-19-02	5702SB-19-02
Field Sample ID:	A1-SB-DUP-01-012919	5702SB-19-02-0.5-3	5702SB-19-02-0-0.5	5702SB-19-02-11-13	5702SB-19-02-3-7
Sample Begin Depth:	7.00	0.50	0.00	11.00	3.00
Sample End Depth:	11.00	3.00	0.50	13.00	7.00
Sample Date:	01/29/2019	01/29/2019	01/29/2019	01/29/2019	01/29/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.00 U	2.10 U	2.80 U	2.00 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	1.10 U	1.40 U	1.00 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	1.10 U	1.40 U	1.00 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	1.10 U	1.40 U	1.00 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.190 U	0.250 U	0.180 U	0.190 U
Perfluorodecanoic acid (PFDA)	0.200 U	0.210 U	<b>0.560</b>	0.200 U	0.210 U
Perfluorododecanoic acid (PFDoA)	0.200 U	0.210 U	<b>0.310 J</b>	0.200 U	0.210 U
Perfluoroheptanoic acid (PFHpA)	0.200 U	0.210 U	0.280 U	0.200 U	0.210 U
Perfluorohexanesulfonic acid (PFHxS)	0.200 U	<b>0.0700 J</b>	0.280 U	<b>0.340</b>	0.210 U
Perfluorohexanoic acid (PFHxA)	0.200 U	0.210 U	0.280 U	0.200 U	0.210 U
Perfluorononanoic acid (PFNA)	0.200 U	0.210 U	<b>0.140 J</b>	0.200 U	0.210 U
Perfluorooctanesulfonic acid (PFOS)	0.510 U	<b>0.660 J</b>	<b>0.940 J</b>	0.510 U	<b>0.550 J</b>
Perfluorooctanoic acid (PFOA)	0.200 U	<b>0.180 J</b>	<b>0.160 J</b>	<b>0.320</b>	0.210 U
Perfluorotetradecanoic acid (PFTA)	0.310 U	0.320 U	0.420 U	0.300 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.200 U	0.210 U	0.280 U	0.200 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	0.200 U	0.210 U	<b>0.380 J</b>	0.200 U	0.210 U

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	Locations: 5702SB-19-02	5702SB-19-03	5702SB-19-03	5702SB-19-03	5702SB-19-03
Field Sample ID:	5702SB-19-02-7-11	5702SB-19-03-0.5-3	5702SB-19-03-0-0.5	5702SB-19-03-3-7	5702SB-19-03-7-9
Sample Begin Depth:	7.00	0.50	0.00	3.00	7.00
Sample End Depth:	11.00	3.00	0.50	7.00	9.00
Sample Date:	01/29/2019	01/28/2019	01/28/2019	01/28/2019	01/28/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.20 U	2.30 U	2.00 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	1.10 U	1.10 U	1.00 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	1.10 U	1.10 U	1.00 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	1.10 U	1.10 U	1.00 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.200 U	0.200 U	0.180 U	0.190 U
Perfluorodecanoic acid (PFDA)	0.210 U	0.220 U	0.230 U	0.200 U	0.210 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.220 U	0.230 U	0.200 U	0.210 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.220 U	0.230 U	<b>0.0990 J</b>	0.210 U
Perfluorohexanesulfonic acid (PFHxS)	<b>0.200 J</b>	<b>0.120 J</b>	0.230 U	<b>0.670</b>	<b>0.0990 J</b>
Perfluorohexanoic acid (PFHxA)	0.210 U	0.220 U	0.230 U	<b>0.0800 J</b>	0.210 U
Perfluorononanoic acid (PFNA)	0.210 U	0.220 U	0.230 U	0.200 U	0.210 U
Perfluorooctanesulfonic acid (PFOS)	0.510 U	<b>0.610 J</b>	0.560 U	0.510 U	0.520 U
Perfluorooctanoic acid (PFOA)	<b>0.240 J</b>	<b>0.550</b>	0.230 U	<b>0.210 J</b>	0.210 U
Perfluorotetradecanoic acid (PFTA)	0.310 U	0.330 U	0.340 U	0.300 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.220 U	0.230 U	0.200 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.220 U	0.230 U	0.200 U	0.210 U

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	Locations: 5702SB-19-03	5702SB-19-03 (FD)	5702SB-19-04	5702SB-19-04	5702SB-19-04
Field Sample ID:	5702SB-19-03-9-11	A1-SB-DUP-7-9-012819	5702SB-19-04-0.5-3	5702SB-19-04-0-0.5	5702SB-19-04-10-12
Sample Begin Depth:	9.00	7.00	0.50	0.00	10.00
Sample End Depth:	11.00	9.00	3.00	0.50	12.00
Sample Date:	01/28/2019	01/28/2019	01/29/2019	01/29/2019	01/29/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.10 U	2.20 U	2.20 U	2.20 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.00 U	1.10 U	1.10 U	1.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.00 U	1.10 U	1.10 U	1.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.00 U	1.10 U	1.10 U	1.10 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.190 U	0.200 U	0.200 U	0.200 U
Perfluorodecanoic acid (PFDA)	0.210 U	0.210 U	0.220 U	0.220 U	0.220 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.210 U	0.220 U	0.220 U	0.220 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.210 U	<b>0.340</b>	<b>0.220 J</b>	0.220 U
Perfluorohexanesulfonic acid (PFHxS)	<b>0.130 J</b>	<b>0.110 J</b>	<b>3.70</b>	<b>1.90</b>	<b>0.510</b>
Perfluorohexanoic acid (PFHxA)	0.210 U	0.210 U	<b>0.410</b>	<b>0.320 J</b>	0.220 U
Perfluorononanoic acid (PFNA)	0.210 U	0.210 U	0.220 U	<b>0.100 J</b>	0.220 U
Perfluorooctanesulfonic acid (PFOS)	0.530 U	0.520 U	<b>3.20</b>	<b>17.0</b>	<b>0.360 J</b>
Perfluorooctanoic acid (PFOA)	0.210 U	0.210 U	<b>2.10</b>	<b>1.20</b>	0.220 U
Perfluorotetradecanoic acid (PFTA)	0.320 U	0.310 U	0.330 U	0.330 U	0.330 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.210 U	0.220 U	0.220 U	0.220 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.210 U	0.220 U	0.220 U	0.220 U

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	Locations: 5702SB-19-04	5702SB-19-04	5702SB-19-05	5702SB-19-05	5702SB-19-05
Field Sample ID:	5702SB-19-04-3-7	5702SB-19-04-7-10	5702SB-19-05-0.5-3	5702SB-19-05-0-0.5	5702SB-19-05-3-7
Sample Begin Depth:	3.00	7.00	0.50	0.00	3.00
Sample End Depth:	7.00	10.00	3.00	0.50	7.00
Sample Date:	01/29/2019	01/29/2019	01/29/2019	01/29/2019	01/29/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.20 U	2.10 U	2.10 U	2.40 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.00 U	1.00 U	1.20 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.00 U	1.00 U	<b>0.490 J</b>	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.00 U	1.00 U	1.20 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.200 U	0.190 U	0.190 U	0.220 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.220 U	0.210 U	<b>0.240 J</b>	<b>1.30</b>	0.200 U
Perfluorododecanoic acid (PFDoA)	0.220 U	0.210 U	0.210 U	<b>0.750</b>	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.220 U	0.210 U	0.210 U	<b>0.0940 J</b>	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	<b>4.80</b>	<b>0.460</b>	0.210 U	0.240 U	0.200 U
Perfluorohexanoic acid (PFHxA)	<b>0.140 J</b>	0.210 U	0.210 U	<b>0.120 J</b>	0.200 U
Perfluorononanoic acid (PFNA)	0.220 U	0.210 U	0.210 U	<b>0.180 J</b>	0.200 U
Perfluorooctanesulfonic acid (PFOS)	<b>1.50</b>	0.520 U	<b>0.340 J</b>	<b>1.90</b>	<b>0.590 J</b>
Perfluorooctanoic acid (PFOA)	<b>0.260 J</b>	0.210 U	0.210 U	<b>0.340 J</b>	0.200 U
Perfluorotetradecanoic acid (PFTA)	0.330 U	0.310 U	0.310 U	<b>0.230 J</b>	0.300 U
Perfluorotridecanoic acid (PFTrDA)	0.220 U	0.210 U	0.210 U	<b>0.240 J</b>	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.220 U	0.210 U	0.210 U	<b>0.370</b>	0.200 U

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	Locations: 5702SB-19-05	5702SB-19-05	5702SB-19-06	5702SB-19-06	5702SB-19-06
Field Sample ID:	5702SB-19-05-7-8	5702SB-19-05-8-10	5702SB-19-06-0.5-3	5702SB-19-06-0-0.5	5702SB-19-06-3-6
Sample Begin Depth:	7.00	8.00	0.50	0.00	3.00
Sample End Depth:	8.00	10.00	3.00	0.50	6.00
Sample Date:	01/29/2019	01/29/2019	01/29/2019	01/29/2019	01/29/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.40 U	2.10 U	2.20 U	2.30 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.20 U	1.00 U	1.10 U	1.10 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.20 U	1.00 U	1.10 U	1.10 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.20 U	1.00 U	1.10 U	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.210 U	0.190 U	0.200 U	0.200 U	0.190 U
Perfluorodecanoic acid (PFDA)	0.240 U	0.210 U	0.220 U	<b>0.320 J</b>	0.210 U
Perfluorododecanoic acid (PFDoA)	0.240 U	0.210 U	0.220 U	0.230 U	0.210 U
Perfluoroheptanoic acid (PFHpA)	0.240 U	0.210 U	<b>0.150 J</b>	<b>0.0930 J</b>	0.210 U
Perfluorohexanesulfonic acid (PFHxS)	0.240 U	0.210 U	<b>0.230 J</b>	<b>0.170 J</b>	<b>0.210 J</b>
Perfluorohexanoic acid (PFHxA)	0.240 U	0.210 U	0.220 U	0.230 U	<b>0.0740 J</b>
Perfluorononanoic acid (PFNA)	0.240 U	0.210 U	<b>0.150 J</b>	<b>0.320 J</b>	0.210 U
Perfluorooctanesulfonic acid (PFOS)	<b>0.350 J</b>	0.520 U	<b>1.50</b>	<b>2.00</b>	0.520 U
Perfluorooctanoic acid (PFOA)	0.240 U	0.210 U	<b>1.10</b>	<b>0.380</b>	<b>0.240 J</b>
Perfluorotetradecanoic acid (PFTA)	0.360 U	0.310 U	0.340 U	0.340 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.240 U	0.210 U	0.220 U	0.230 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	0.240 U	0.210 U	0.220 U	<b>0.150 J</b>	0.210 U

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	Locations: 5702SB-19-06	5702SB-19-07	5702SB-19-07	5702SB-19-07	5702SB-19-07
Field Sample ID:	5702SB-19-06-6-8	5702SB-19-07-0.5-3	5702SB-19-07-0-0.5	5702SB-19-07-14-16	5702SB-19-07-3-7
Sample Begin Depth:	6.00	0.50	0.00	14.00	3.00
Sample End Depth:	8.00	3.00	0.50	16.00	7.00
Sample Date:	01/29/2019	01/29/2019	01/29/2019	01/29/2019	01/29/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.10 U	2.60 U	2.10 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.00 U	1.30 U	1.10 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.00 U	<b>0.870 J</b>	1.10 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.00 U	<b>0.700 J</b>	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.190 U	<b>0.0790 J</b>	0.190 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.210 U	<b>5.10</b>	<b>43.0</b>	0.210 U	0.200 U
Perfluorododecanoic acid (PFDoA)	0.210 U	<b>1.40</b>	<b>15.0</b>	0.210 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	<b>0.430</b>	<b>0.660</b>	<b>0.330</b>	<b>1.80</b>
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	<b>0.0820 J</b>	0.260 U	0.210 U	<b>0.120 J</b>
Perfluorohexanoic acid (PFHxA)	0.210 U	<b>0.220 J</b>	<b>1.00</b>	<b>0.140 J</b>	<b>0.100 J</b>
Perfluorononanoic acid (PFNA)	0.210 U	<b>2.60</b>	<b>4.60</b>	0.210 U	<b>0.0840 J</b>
Perfluorooctanesulfonic acid (PFOS)	0.530 U	<b>2.20</b>	<b>17.0</b>	0.530 U	0.510 U
Perfluorooctanoic acid (PFOA)	0.210 U	<b>17.0</b>	<b>3.80</b>	<b>0.250 J</b>	<b>9.00</b>
Perfluorotetradecanoic acid (PFTA)	0.320 U	<b>0.280 J</b>	<b>2.90</b>	0.320 U	0.300 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	<b>0.210 J</b>	<b>2.20</b>	0.210 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	<b>0.750</b>	<b>6.90</b>	0.210 U	0.200 U

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	Locations: 5702SB-19-07	5702SB-19-07 (FD)	5703SB-19-01	5703SB-19-01	5703SB-19-01
Field Sample ID:	5702SB-19-07-7-14	A1-SB-DUP-02-012919	5703SB-19-01-0.5-3	5703SB-19-01-0-0.5	5703SB-19-01-3-6
Sample Begin Depth:	7.00	7.00	0.50	0.00	3.00
Sample End Depth:	14.00	14.00	3.00	0.50	6.00
Sample Date:	01/29/2019	01/29/2019	01/28/2019	01/28/2019	01/28/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.10 U	2.20 U	2.10 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	1.00 U	1.10 U	1.10 U	1.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	1.00 U	1.10 U	1.10 U	1.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	1.00 U	1.10 U	1.10 U	1.10 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.190 U	0.190 U	0.190 U	0.190 U
Perfluorodecanoic acid (PFDA)	0.210 U	0.210 U	0.220 U	<b>0.120 J</b>	0.210 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.210 U	0.220 U	0.210 U	0.210 U
Perfluoroheptanoic acid (PFHpA)	<b>0.940</b>	<b>0.820</b>	0.220 U	0.210 U	0.210 U
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	0.210 U	0.220 U	0.210 U	0.210 U
Perfluorohexanoic acid (PFHxA)	<b>0.150 J</b>	<b>0.150 J</b>	<b>0.100 J</b>	0.210 U	0.210 U
Perfluorononanoic acid (PFNA)	0.210 U	0.210 U	<b>0.160 J</b>	<b>0.0950 J</b>	0.210 U
Perfluorooctanesulfonic acid (PFOS)	0.510 U	0.520 U	<b>0.380 J</b>	<b>0.340 J</b>	0.530 U
Perfluorooctanoic acid (PFOA)	<b>1.50 J</b>	<b>0.410 J</b>	<b>0.220 J</b>	0.210 U	<b>0.150 J</b>
Perfluorotetradecanoic acid (PFTA)	0.310 U	0.310 U	0.320 U	0.320 U	0.320 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.210 U	0.220 U	0.210 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.210 U	0.220 U	0.210 U	0.210 U



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	Locations: 5703SB-19-01	5703SB-19-02	5703SB-19-02	5703SB-19-02	5703SB-19-02
Field Sample ID:	5703SB-19-01-6-8	5703SB-19-02-0.5-3	5703SB-19-02-0-0.5	5703SB-19-02-10-12	5703SB-19-02-3-7
Sample Begin Depth:	6.00	0.50	0.00	10.00	3.00
Sample End Depth:	8.00	3.00	0.50	12.00	7.00
Sample Date:	01/28/2019	01/28/2019	01/28/2019	01/28/2019	01/28/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.10 U	2.40 U	2.10 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.00 U	1.20 U	1.10 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.00 U	1.20 U	1.10 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.00 U	1.20 U	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.190 U	0.220 U	0.190 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.210 U	<b>5.00</b>	<b>5.60</b>	<b>0.320</b>	<b>0.530</b>
Perfluorododecanoic acid (PFDoA)	0.210 U	<b>0.110 J</b>	<b>2.60</b>	0.210 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.210 U	<b>0.170 J</b>	<b>0.0910 J</b>	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	0.210 U	0.240 U	0.210 U	0.200 U
Perfluorohexanoic acid (PFHxA)	0.210 U	0.210 U	<b>0.190 J</b>	0.210 U	0.200 U
Perfluorononanoic acid (PFNA)	0.210 U	<b>0.560</b>	<b>0.480</b>	<b>0.200 J</b>	<b>2.10</b>
Perfluorooctanesulfonic acid (PFOS)	0.530 U	<b>2.70</b>	<b>0.800 J</b>	<b>0.250 J</b>	<b>0.870 J</b>
Perfluorooctanoic acid (PFOA)	<b>0.160 J</b>	<b>0.140 J</b>	<b>0.490</b>	<b>1.00</b>	<b>0.350</b>
Perfluorotetradecanoic acid (PFTA)	0.320 U	0.310 U	<b>0.520</b>	0.320 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.210 U	<b>0.350 J</b>	0.210 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.210 U	<b>1.50</b>	0.210 U	0.200 U

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	Locations: 5703SB-19-02	5703SB-19-02 (FD)	5703SB-19-03	5703SB-19-03	5703SB-19-03
Field Sample ID:	5703SB-19-02-7-10	A1-SB-DUP-7-10-012819	5703SB-19-03-0.5-3	5703SB-19-03-0-0.5	5703SB-19-03-10-12
Sample Begin Depth:	7.00	7.00	0.50	0.00	10.00
Sample End Depth:	10.00	10.00	3.00	0.50	12.00
Sample Date:	01/28/2019	01/28/2019	01/28/2019	01/28/2019	01/28/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.00 U	2.00 U	2.30 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	1.00 U	1.00 U	1.10 U	1.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	1.00 U	1.00 U	1.10 U	1.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	1.00 U	1.00 U	1.10 U	1.10 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.180 U	0.180 U	0.210 U	0.190 U
Perfluorodecanoic acid (PFDA)	<b>0.410</b>	<b>0.430</b>	0.200 U	0.230 U	0.210 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.200 U	0.200 U	0.230 U	0.210 U
Perfluoroheptanoic acid (PFHpA)	<b>0.100 J</b>	<b>0.0980 J</b>	0.200 U	0.230 U	0.210 U
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	0.200 U	0.200 U	0.230 U	0.210 U
Perfluorohexanoic acid (PFHxA)	0.210 U	0.200 U	0.200 U	0.230 U	0.210 U
Perfluorononanoic acid (PFNA)	<b>0.140 J</b>	<b>0.110 J</b>	0.200 U	<b>0.240 J</b>	0.210 U
Perfluorooctanesulfonic acid (PFOS)	0.510 U	0.510 U	0.510 U	0.570 U	0.530 U
Perfluorooctanoic acid (PFOA)	<b>0.850</b>	<b>0.800</b>	<b>0.160 J</b>	0.230 U	0.210 U
Perfluorotetradecanoic acid (PFTA)	0.310 U	0.300 U	0.310 U	0.340 U	0.320 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.200 U	0.200 U	0.230 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.200 U	0.200 U	0.230 U	0.210 U

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	Locations: 5703SB-19-03	5703SB-19-03	5703SB-19-04	5703SB-19-04	5703SB-19-04
Field Sample ID:	5703SB-19-03-3-7	5703SB-19-03-7-10	5703SB-19-04-0.5-3	5703SB-19-04-0-0.5	5703SB-19-04-3-7
Sample Begin Depth:	3.00	7.00	0.50	0.00	3.00
Sample End Depth:	7.00	10.00	3.00	0.50	7.00
Sample Date:	01/28/2019	01/28/2019	01/28/2019	01/28/2019	01/28/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.00 U	2.10 U	2.10 U	2.30 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	1.00 U	1.10 U	1.10 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	1.00 U	1.10 U	<b>0.410 J</b>	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	1.00 U	1.10 U	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.190 U	0.190 U	0.210 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.200 U	0.210 U	<b>0.200 J</b>	<b>1.90</b>	0.200 U
Perfluorododecanoic acid (PFDoA)	0.200 U	0.210 U	0.210 U	<b>0.970</b>	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.200 U	0.210 U	<b>0.100 J</b>	<b>0.190 J</b>	<b>0.110 J</b>
Perfluorohexanesulfonic acid (PFHxS)	0.200 U	0.210 U	0.210 U	0.230 U	0.200 U
Perfluorohexanoic acid (PFHxA)	0.200 U	0.210 U	<b>0.120 J</b>	<b>0.170 J</b>	<b>0.120 J</b>
Perfluorononanoic acid (PFNA)	0.200 U	0.210 U	<b>0.150 J</b>	<b>0.220 J</b>	0.200 U
Perfluorooctanesulfonic acid (PFOS)	0.500 U	0.520 U	<b>1.30</b>	<b>2.20</b>	0.510 U
Perfluorooctanoic acid (PFOA)	0.200 U	0.210 U	<b>0.230 J</b>	<b>0.430</b>	<b>0.370</b>
Perfluorotetradecanoic acid (PFTA)	0.300 U	0.310 U	0.320 U	<b>0.350 J</b>	0.300 U
Perfluorotridecanoic acid (PFTrDA)	0.200 U	0.210 U	0.210 U	<b>0.310 J</b>	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.200 U	0.210 U	0.210 U	<b>0.410</b>	0.200 U

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<b>Locations:</b> 5703SB-19-04			5703SB-19-04
<b>Field Sample ID:</b> 5703SB-19-04-7-8			5703SB-19-04-8-10
<b>Sample Begin Depth:</b> 7.00			8.00
<b>Sample End Depth:</b> 8.00			10.00
<b>Sample Date:</b> 01/28/2019			01/28/2019
<b>PFAS (ug/kg)</b>			
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U		2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U		1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U		1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U		1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U		0.190 U
Perfluorodecanoic acid (PFDA)	0.210 U		0.210 U
Perfluorododecanoic acid (PFDoA)	0.210 U		0.210 U
Perfluoroheptanoic acid (PFHpA)	<b>0.100 J</b>		<b>0.140 J</b>
Perfluorohexanesulfonic acid (PFHxS)	0.210 U		0.210 U
Perfluorohexanoic acid (PFHxA)	<b>0.130 J</b>		<b>0.230 J</b>
Perfluorononanoic acid (PFNA)	0.210 U		0.210 U
Perfluorooctanesulfonic acid (PFOS)	<b>0.260 J</b>		0.520 U
Perfluorooctanoic acid (PFOA)	<b>0.360</b>		<b>0.220 J</b>
Perfluorotetradecanoic acid (PFTA)	0.310 U		0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U		0.210 U
Perfluoroundecanoic acid (PFUnA)	0.210 U		0.210 U

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

KOMAN, PFAS RI, Soil TOC Samples-Area 1

AOC 57, Building 3713 Fuel Oil Spill Site

<b>Locations:</b>	5702MW-19-01	5702MW-19-01	5702MW-19-01	5702MW-20-01	5702MW-20-01
<b>Field Sample ID:</b>	5702-MW-19-01-20-30	5702-MW-19-01-40-50	5702-MW-19-01-90-100	5702MW-20-01-SO-30-40	5702MW-20-01-SO-70-80
<b>Sample Begin Depth:</b>	20.00	40.00	90.00	30.00	70.00
<b>Sample End Depth:</b>	30.00	50.00	100.00	40.00	80.00
<b>Sample Date:</b>	12/10/2019	12/10/2019	12/11/2019	01/03/2020	01/07/2020
<b>Gen. Chemistry (mg/kg)</b>					
Total Organic Carbon	200 J	99.0 J	200 U	200 U	200 U

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

<b>Locations:</b>	5702MW-20-05	5702MW-20-05	5702MW-20-05	5703MW-20-02	5703MW-20-02
<b>Field Sample ID:</b>	5702MW-20-05-120-128	5702MW-20-05-32-40	5702MW-20-05-70-80	5703MW-20-02A-10-20	5703MW-20-02A-60-70
<b>Sample Begin Depth:</b>	120.00	32.00	70.00	10.00	60.00
<b>Sample End Depth:</b>	128.00	40.00	80.00	20.00	70.00
<b>Sample Date:</b>	01/31/2020	01/27/2020	01/28/2020	01/28/2020	01/29/2020
<b>Gen. Chemistry (mg/kg)</b>					
Total Organic Carbon	<b>770 J</b>	200 U	<b>310 J</b>	<b>260 J</b>	<b>1400 J</b>

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

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**Locations:** 5703MW-20-02 (FD)

**Field Sample ID:** A1-SO-DUP-R2-012920

**Sample Begin Depth:** 60.00

**Sample End Depth:** 70.00

**Sample Date:** 01/29/2020

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**Gen. Chemistry (mg/kg)**

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Total Organic Carbon	<b>1200 J</b>
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## Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

Detects are displayed in bold font

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### Data Qualifier Definitions

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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

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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