

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

Grove Pond Area

	Locations: GPSB-19-01	GPSB-19-01	GPSB-19-01	GPSB-19-01	GPSB-19-01
	Field Sample ID: GPSB-19-01-0.5-3	GPSB-19-01-0-0.5	GPSB-19-01-22-24	GPSB-19-01-3-7	GPSB-19-01-7-15
	Sample Begin Depth: 0.50	0.00	22.00	3.00	7.00
	Sample End Depth: 3.00	0.50	24.00	7.00	15.00
	Sample Date: 07/16/2019	07/16/2019	07/16/2019	07/16/2019	07/16/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.20 U	2.20 U	2.00 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	<b>5.40</b>	1.10 U	1.00 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	1.00 U	<b>8.80</b>	1.10 U	1.00 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	<b>0.540 J</b>	1.10 U	1.00 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	<b>0.0660 J</b>	0.190 U	0.180 U	0.190 U
Perfluorodecanoic acid (PFDA)	<b>4.50</b>	<b>9.90</b>	0.220 U	<b>0.750</b>	0.210 U
Perfluorododecanoic acid (PFDoA)	0.210 U	<b>9.10</b>	0.220 U	<b>0.220 J</b>	0.210 U
Perfluoroheptanoic acid (PFHpA)	<b>0.250 J</b>	<b>1.60</b>	<b>1.30</b>	<b>0.380</b>	<b>0.530</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>0.100 J</b>	<b>0.390</b>	0.220 U	<b>0.220 J</b>	<b>0.100 J</b>
Perfluorohexanoic acid (PFHxA)	0.210 U	<b>1.10</b>	<b>0.140 J</b>	<b>0.0870 J</b>	0.210 U
Perfluorononanoic acid (PFNA)	<b>1.30</b>	<b>1.60</b>	0.220 U	<b>0.380</b>	0.210 U
Perfluorooctanesulfonic acid (PFOS)	<b>7.00</b>	<b>14.0</b>	0.540 U	<b>1.50</b>	0.520 U
Perfluorooctanoic acid (PFOA)	<b>0.900</b>	<b>2.40</b>	0.220 U	<b>1.80</b>	<b>0.350</b>
Perfluorotetradecanoic acid (PFTA)	0.310 U	<b>3.00</b>	0.320 U	0.310 U	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	<b>2.50</b>	0.220 U	0.200 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	<b>0.170 J</b>	<b>5.80</b>	0.220 U	<b>0.160 J</b>	0.210 U

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	Locations: GPSB-19-01 (FD)	GPSB-19-02	GPSB-19-02	GPSB-19-02	GPSB-19-02
Field Sample ID:	A1-SB-DUP03-071619	GPSB-19-02-0.5-3	GPSB-19-02-0-0.5	GPSB-19-02-26-28	GPSB-19-02-3-7
Sample Begin Depth:	7.00	0.50	0.00	26.00	3.00
Sample End Depth:	15.00	3.00	0.50	28.00	7.00
Sample Date:	07/16/2019	07/15/2019	07/15/2019	07/15/2019	07/15/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.30 U	2.10 U	2.10 U	2.10 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.20 U	1.10 U	1.10 U	1.00 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.20 U	1.10 U	1.10 U	1.00 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.20 U	1.10 U	1.10 U	1.00 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.210 U	0.190 U	0.190 U	0.190 U	0.180 U
Perfluorodecanoic acid (PFDA)	<b>0.150 J</b>	0.210 U	<b>0.310 J</b>	0.210 U	0.200 U
Perfluorododecanoic acid (PFDoA)	0.230 U	0.210 U	<b>0.150 J</b>	0.210 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	<b>0.300 J</b>	0.210 U	0.210 U	0.210 U	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	<b>0.0720 J</b>	0.210 U	0.210 U	0.210 U	0.200 U
Perfluorohexanoic acid (PFHxA)	0.230 U	0.210 U	0.210 U	0.210 U	0.200 U
Perfluorononanoic acid (PFNA)	0.230 U	0.210 U	<b>0.100 J</b>	0.210 U	0.200 U
Perfluorooctanesulfonic acid (PFOS)	0.580 U	0.530 U	<b>0.430 J</b>	0.520 U	0.500 U
Perfluorooctanoic acid (PFOA)	<b>0.250 J</b>	0.210 U	<b>0.110 J</b>	0.210 U	0.200 U
Perfluorotetradecanoic acid (PFTA)	0.350 U	0.320 U	<b>0.190 J</b>	0.310 U	0.300 U
Perfluorotridecanoic acid (PFTrDA)	0.230 U	0.210 U	0.210 U	0.210 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.230 U	0.210 U	<b>0.150 J</b>	0.210 U	0.200 U

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	Locations: GPSB-19-02	GPSB-19-02 (FD)	GPSB-19-03	GPSB-19-03	GPSB-19-03
Field Sample ID:	GPSB-19-02-7-15	A1-SB-DUP02-071519	GPSB-19-03-0.5-3	GPSB-19-03-0-0.5	GPSB-19-03-21-23
Sample Begin Depth:	7.00	26.00	0.50	0.00	21.00
Sample End Depth:	15.00	28.00	3.00	0.50	23.00
Sample Date:	07/15/2019	07/15/2019	07/15/2019	07/15/2019	07/15/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.10 U	2.00 U	2.00 U	2.60 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.10 U	1.00 U	1.00 U	1.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.10 U	1.00 U	1.00 U	1.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.10 U	1.00 U	1.00 U	1.30 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.190 U	0.180 U	0.180 U	0.240 U
Perfluorodecanoic acid (PFDA)	0.210 U	0.210 U	0.200 U	0.200 U	0.260 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.210 U	0.200 U	0.200 U	0.260 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.210 U	0.200 U	0.200 U	0.260 U
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	0.210 U	<b>0.120 J</b>	<b>0.0890 J</b>	0.260 U
Perfluorohexanoic acid (PFHxA)	0.210 U	0.210 U	0.200 U	0.200 U	0.260 U
Perfluorononanoic acid (PFNA)	0.210 U	0.210 U	0.200 U	0.200 U	0.260 U
Perfluorooctanesulfonic acid (PFOS)	0.540 U	0.530 U	0.500 U	0.500 U	0.660 U
Perfluorooctanoic acid (PFOA)	0.210 U	0.210 U	0.200 U	0.200 U	0.260 U
Perfluorotetradecanoic acid (PFTA)	0.320 U	0.320 U	0.300 U	0.300 U	0.390 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.210 U	0.200 U	0.200 U	0.260 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.210 U	0.200 U	0.200 U	0.260 U

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	Locations: GPSB-19-03	GPSB-19-03	GPSB-19-03 (FD)	GPSB-19-04	GPSB-19-04
Field Sample ID:	GPSB-19-03-3-7	GPSB-19-03-7-15	A1-SB-DUP01-071519	GPSB-19-04-0.5-3	GPSB-19-04-0-0.5
Sample Begin Depth:	3.00	7.00	7.00	0.50	0.00
Sample End Depth:	7.00	15.00	15.00	3.00	0.50
Sample Date:	07/15/2019	07/15/2019	07/15/2019	07/15/2019	07/15/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.30 U	2.20 U	2.10 U	2.20 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.10 U	1.00 U	1.10 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.10 U	1.00 U	1.10 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.10 U	1.00 U	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.200 U	0.190 U	0.190 U	0.200 U	0.180 U
Perfluorodecanoic acid (PFDA)	0.230 U	0.220 U	0.210 U	0.220 U	0.200 U
Perfluorododecanoic acid (PFDoA)	0.230 U	0.220 U	0.210 U	0.220 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	0.230 U	0.220 U	0.210 U	0.220 U	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	<b>0.0860 J</b>	0.220 U	0.210 U	0.220 U	0.200 U
Perfluorohexanoic acid (PFHxA)	0.230 U	0.220 U	0.210 U	0.220 U	0.200 U
Perfluorononanoic acid (PFNA)	0.230 U	0.220 U	0.210 U	0.220 U	0.200 U
Perfluorooctanesulfonic acid (PFOS)	0.570 U	0.540 U	0.510 U	0.550 U	<b>0.240 J</b>
Perfluorooctanoic acid (PFOA)	0.230 U	0.220 U	0.210 U	0.220 U	<b>0.160 J</b>
Perfluorotetradecanoic acid (PFTA)	0.340 U	0.320 U	0.310 U	0.330 U	0.300 U
Perfluorotridecanoic acid (PFTrDA)	0.230 U	0.220 U	0.210 U	0.220 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.230 U	0.220 U	0.210 U	0.220 U	0.200 U

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	Locations: GPSB-19-04	GPSB-19-04	GPSB-19-04	GPSB-19-05	GPSB-19-05
<b>Field Sample ID:</b>	GPSB-19-04-22-24	GPSB-19-04-3-7	GPSB-19-04-7-15	GPSB-19-05-0.5-3	GPSB-19-05-0-0.5
<b>Sample Begin Depth:</b>	22.00	3.00	7.00	0.50	0.00
<b>Sample End Depth:</b>	24.00	7.00	15.00	3.00	0.50
<b>Sample Date:</b>	07/15/2019	07/15/2019	07/15/2019	07/16/2019	07/16/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.00 U	2.50 U	2.00 U	2.20 U	2.60 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	0.980 U	1.30 U	1.00 U	1.10 U	<b>7.00</b>
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.980 U	1.30 U	1.00 U	<b>0.450 J</b>	<b>13.0</b>
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.980 U	1.30 U	1.00 U	1.10 U	<b>0.470 J</b>
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.230 U	0.180 U	0.200 U	0.230 U
Perfluorodecanoic acid (PFDA)	0.200 U	0.250 U	0.200 U	<b>15.0</b>	<b>20.0</b>
Perfluorododecanoic acid (PFDoA)	0.200 U	0.250 U	0.200 U	<b>0.280 J</b>	<b>13.0</b>
Perfluoroheptanoic acid (PFHpA)	0.200 U	0.250 U	0.200 U	<b>0.360</b>	<b>1.50</b>
Perfluorohexanesulfonic acid (PFHxS)	0.200 U	0.250 U	0.200 U	0.220 U	0.260 U
Perfluorohexanoic acid (PFHxA)	0.200 U	0.250 U	0.200 U	<b>0.140 J</b>	<b>0.950</b>
Perfluorononanoic acid (PFNA)	0.200 U	0.250 U	0.200 U	<b>3.40</b>	<b>1.90</b>
Perfluorooctanesulfonic acid (PFOS)	0.490 U	0.630 U	0.500 U	<b>24.0</b>	<b>15.0</b>
Perfluorooctanoic acid (PFOA)	0.200 U	0.250 U	0.200 U	<b>0.410</b>	<b>2.50</b>
Perfluorotetradecanoic acid (PFTA)	0.290 U	0.380 U	0.300 U	0.340 U	<b>2.80</b>
Perfluorotridecanoic acid (PFTrDA)	0.200 U	0.250 U	0.200 U	0.220 U	<b>3.10</b>
Perfluoroundecanoic acid (PFUnA)	0.200 U	0.250 U	0.200 U	<b>0.550</b>	<b>9.90</b>

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	Locations: GPSB-19-05	GPSB-19-05	GPSB-19-05	GPSB-19-06	GPSB-19-06
<b>Field Sample ID:</b>	GPSB-19-05-15-17	GPSB-19-05-3-7	GPSB-19-05-7-15	GPSB-19-06-0.5-3	GPSB-19-06-0-0.5
<b>Sample Begin Depth:</b>	15.00	3.00	7.00	0.50	0.00
<b>Sample End Depth:</b>	17.00	7.00	15.00	3.00	0.50
<b>Sample Date:</b>	07/16/2019	07/16/2019	07/16/2019	07/16/2019	07/16/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.40 U	2.20 U	2.10 U	2.20 U	2.00 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.20 U	<b>0.540 J</b>	1.10 U	1.10 U	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.20 U	<b>0.840 J</b>	1.10 U	1.10 U	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.20 U	1.10 U	1.10 U	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.220 U	0.200 U	0.190 U	0.200 U	0.180 U
Perfluorodecanoic acid (PFDA)	<b>0.260 J</b>	<b>1.80</b>	<b>0.470</b>	0.220 U	0.200 U
Perfluorododecanoic acid (PFDoA)	<b>0.140 J</b>	<b>0.760</b>	0.210 U	0.220 U	0.200 U
Perfluoroheptanoic acid (PFHpA)	<b>0.980</b>	<b>1.60</b>	<b>2.00</b>	0.220 U	0.200 U
Perfluorohexanesulfonic acid (PFHxS)	0.240 U	0.220 U	<b>0.0720 J</b>	<b>0.0810 J</b>	0.200 U
Perfluorohexanoic acid (PFHxA)	<b>0.130 J</b>	<b>0.210 J</b>	<b>0.150 J</b>	0.220 U	0.200 U
Perfluorononanoic acid (PFNA)	<b>0.160 J</b>	<b>2.20</b>	<b>0.170 J</b>	0.220 U	0.200 U
Perfluorooctanesulfonic acid (PFOS)	<b>0.340 J</b>	<b>2.50</b>	<b>0.620 J</b>	0.560 U	0.500 U
Perfluorooctanoic acid (PFOA)	<b>1.30</b>	<b>15.0</b>	<b>2.30 J</b>	0.220 U	0.200 U
Perfluorotetradecanoic acid (PFTA)	0.360 U	<b>0.200 J</b>	0.320 U	0.330 U	0.300 U
Perfluorotridecanoic acid (PFTrDA)	0.240 U	<b>0.200 J</b>	0.210 U	0.220 U	0.200 U
Perfluoroundecanoic acid (PFUnA)	0.240 U	<b>0.600</b>	0.210 U	0.220 U	0.200 U

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	Locations: GPSB-19-06	GPSB-19-06	GPSB-19-06	GPSB-19-06 (FD)	GPSB-19-07
<b>Field Sample ID:</b>	GPSB-19-06-31-33	GPSB-19-06-3-7	GPSB-19-06-7-15	A1-SB-DUP02-071619	GPSB-19-07-0.5-3
<b>Sample Begin Depth:</b>	31.00	3.00	7.00	7.00	0.50
<b>Sample End Depth:</b>	33.00	7.00	15.00	15.00	3.00
<b>Sample Date:</b>	07/16/2019	07/16/2019	07/16/2019	07/16/2019	07/16/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.00 U	2.10 U	2.10 U	2.10 U	2.20 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	0.990 U	1.10 U	1.10 U	1.00 U	1.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.990 U	1.10 U	1.10 U	1.00 U	1.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.990 U	1.10 U	1.10 U	1.00 U	1.10 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.190 U	0.190 U	0.190 U	0.200 U
Perfluorodecanoic acid (PFDA)	0.200 U	0.210 U	0.210 U	0.210 U	<b>1.00</b>
Perfluorododecanoic acid (PFDoA)	0.200 U	0.210 U	0.210 U	0.210 U	<b>0.490</b>
Perfluoroheptanoic acid (PFHpA)	0.200 U	0.210 U	0.210 U	0.210 U	0.220 U
Perfluorohexanesulfonic acid (PFHxS)	0.200 U	0.210 U	0.210 U	0.210 U	0.220 U
Perfluorohexanoic acid (PFHxA)	0.200 U	0.210 U	0.210 U	0.210 U	0.220 U
Perfluorononanoic acid (PFNA)	0.200 U	0.210 U	0.210 U	0.210 U	<b>0.280 J</b>
Perfluorooctanesulfonic acid (PFOS)	0.500 U	0.530 U	0.530 U	0.510 U	<b>1.60</b>
Perfluorooctanoic acid (PFOA)	0.200 U	0.210 U	0.210 U	0.210 U	0.220 U
Perfluorotetradecanoic acid (PFTA)	0.300 U	0.320 U	0.320 U	0.310 U	0.330 U
Perfluorotridecanoic acid (PFTrDA)	0.200 U	0.210 U	0.210 U	0.210 U	0.220 U
Perfluoroundecanoic acid (PFUnA)	0.200 U	0.210 U	0.210 U	0.210 U	<b>0.830</b>

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	Locations: GPSB-19-07	GPSB-19-07	GPSB-19-07	GPSB-19-07	GPSB-19-07 (FD)
Field Sample ID:	GPSB-19-07-0-0.5	GPSB-19-07-25-27	GPSB-19-07-3-7	GPSB-19-07-7-15	A1-SB-DUP01-071619
Sample Begin Depth:	0.00	25.00	3.00	7.00	3.00
Sample End Depth:	0.50	27.00	7.00	15.00	7.00
Sample Date:	07/16/2019	07/16/2019	07/16/2019	07/16/2019	07/16/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.20 U	2.00 U	2.40 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	<b>0.380 J</b>	1.10 U	1.00 U	1.20 U	1.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<b>0.390 J</b>	1.10 U	1.00 U	1.20 U	1.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	1.10 U	1.00 U	1.20 U	1.10 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.190 U	0.180 U	0.220 U	0.190 U
Perfluorodecanoic acid (PFDA)	<b>0.580</b>	<b>0.140 J</b>	<b>0.300</b>	0.240 U	<b>0.670</b>
Perfluorododecanoic acid (PFDoA)	<b>2.20</b>	0.220 U	<b>0.110 J</b>	0.240 U	<b>0.110 J</b>
Perfluoroheptanoic acid (PFHpA)	<b>0.130 J</b>	<b>0.180 J</b>	0.200 U	0.240 U	<b>0.0900 J</b>
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	0.220 U	0.200 U	0.240 U	0.210 U
Perfluorohexanoic acid (PFHxA)	<b>0.110 J</b>	0.220 U	0.200 U	0.240 U	0.210 U
Perfluorononanoic acid (PFNA)	<b>0.0910 J</b>	0.220 U	0.200 U	0.240 U	<b>0.0910 J</b>
Perfluorooctanesulfonic acid (PFOS)	<b>0.620 J</b>	0.540 U	<b>0.270 J</b>	0.610 U	<b>0.450 J</b>
Perfluorooctanoic acid (PFOA)	<b>0.230 J</b>	<b>0.820</b>	<b>0.140 J</b>	0.240 U	<b>0.170 J</b>
Perfluorotetradecanoic acid (PFTA)	<b>0.520</b>	0.320 U	0.300 U	0.370 U	0.320 U
Perfluorotridecanoic acid (PFTrDA)	<b>0.400</b>	0.220 U	0.200 U	0.240 U	0.210 U
Perfluoroundecanoic acid (PFUnA)	<b>0.820</b>	0.220 U	0.200 U	0.240 U	0.210 U



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	Locations: GPSB-19-08	GPSB-19-08	GPSB-19-08	GPSB-19-08	GPSB-19-08
Field Sample ID:	GPSB-19-08-0.5-3	GPSB-19-08-0-0.5	GPSB-19-08-26-28	GPSB-19-08-3-7	GPSB-19-08-7-15
Sample Begin Depth:	0.50	0.00	26.00	3.00	7.00
Sample End Depth:	3.00	0.50	28.00	7.00	15.00
Sample Date:	07/16/2019	07/16/2019	07/16/2019	07/16/2019	07/16/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.00 U	2.20 U	2.20 U	2.20 U	2.10 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.00 U	<b>5.40</b>	1.10 U	<b>0.360 J</b>	1.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.00 U	<b>18.0</b>	1.10 U	<b>0.900 J</b>	1.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.00 U	<b>0.710 J</b>	1.10 U	1.10 U	1.00 U
Perfluorobutanesulfonic acid (PFBS)	0.180 U	0.200 U	0.190 U	0.200 U	0.180 U
Perfluorodecanoic acid (PFDA)	<b>8.90</b>	<b>32.0</b>	<b>1.30</b>	<b>3.30</b>	<b>0.540</b>
Perfluorododecanoic acid (PFDoA)	0.200 U	<b>18.0</b>	<b>0.200 J</b>	<b>1.10</b>	<b>0.110 J</b>
Perfluoroheptanoic acid (PFHpA)	<b>0.110 J</b>	<b>1.80</b>	<b>0.540</b>	<b>0.210 J</b>	<b>0.410</b>
Perfluorohexanesulfonic acid (PFHxS)	0.200 U	0.220 U	<b>0.150 J</b>	<b>0.0900 J</b>	<b>0.120 J</b>
Perfluorohexanoic acid (PFHxA)	<b>0.0950 J</b>	<b>0.990</b>	<b>0.110 J</b>	<b>0.0950 J</b>	0.210 U
Perfluorononanoic acid (PFNA)	<b>3.60</b>	<b>2.80</b>	<b>0.600</b>	<b>1.50</b>	<b>0.190 J</b>
Perfluorooctanesulfonic acid (PFOS)	<b>23.0</b>	<b>29.0</b>	<b>2.40</b>	<b>7.00</b>	<b>0.980 J</b>
Perfluorooctanoic acid (PFOA)	<b>0.490</b>	<b>3.20</b>	<b>1.80</b>	<b>2.60</b>	<b>4.90</b>
Perfluorotetradecanoic acid (PFTA)	0.300 U	<b>4.80</b>	0.320 U	<b>0.290 J</b>	0.310 U
Perfluorotridecanoic acid (PFTrDA)	0.200 U	<b>3.90</b>	0.220 U	<b>0.250 J</b>	0.210 U
Perfluoroundecanoic acid (PFUnA)	<b>0.120 J</b>	<b>13.0</b>	<b>0.120 J</b>	<b>0.750</b>	0.210 U

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	Locations: GPSB-19-09	GPSB-19-09	GPSB-19-09	GPSB-19-09	GPSB-19-09
Field Sample ID:	GPSB-19-09-0.5-3	GPSB-19-09-0-0.5	GPSB-19-09-36-38	GPSB-19-09-3-7	GPSB-19-09-7-15
Sample Begin Depth:	0.50	0.00	36.00	3.00	7.00
Sample End Depth:	3.00	0.50	38.00	7.00	15.00
Sample Date:	07/15/2019	07/15/2019	07/15/2019	07/15/2019	07/15/2019
<b>PFAS (ug/kg)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	2.10 U	2.00 U	2.00 U	2.10 U	2.20 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	1.10 U	1.00 U	1.00 U	1.00 U	1.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.10 U	1.00 U	1.00 U	1.00 U	1.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.10 U	1.00 U	1.00 U	1.00 U	1.10 U
Perfluorobutanesulfonic acid (PFBS)	0.190 U	0.180 U	0.180 U	0.190 U	0.200 U
Perfluorodecanoic acid (PFDA)	0.210 U	0.200 U	0.200 U	0.210 U	0.220 U
Perfluorododecanoic acid (PFDoA)	0.210 U	0.200 U	0.200 U	0.210 U	0.220 U
Perfluoroheptanoic acid (PFHpA)	0.210 U	0.200 U	0.200 U	0.210 U	0.220 U
Perfluorohexanesulfonic acid (PFHxS)	0.210 U	0.200 U	0.200 U	0.210 U	0.220 U
Perfluorohexanoic acid (PFHxA)	0.210 U	0.200 U	0.200 U	0.210 U	0.220 U
Perfluorononanoic acid (PFNA)	0.210 U	<b>0.0930 J</b>	0.200 U	0.210 U	0.220 U
Perfluorooctanesulfonic acid (PFOS)	0.530 U	<b>0.490 J</b>	0.500 U	0.520 U	0.550 U
Perfluorooctanoic acid (PFOA)	<b>0.290 J</b>	<b>0.190 J</b>	0.200 U	0.210 U	0.220 U
Perfluorotetradecanoic acid (PFTA)	0.320 U	0.300 U	0.300 U	0.310 U	0.330 U
Perfluorotridecanoic acid (PFTrDA)	0.210 U	0.200 U	0.200 U	0.210 U	0.220 U
Perfluoroundecanoic acid (PFUnA)	0.210 U	0.200 U	0.200 U	0.210 U	0.220 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**

**Grove Pond Area**

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<b>Locations:</b>	GPMW-19-01	GPMW-19-01
	GPMW-19-01BR-SO-100-	GPMW-19-01BR-SO-45-
<b>Field Sample ID:</b>	110	55
<b>Sample Begin Depth:</b>	100.00	45.00
<b>Sample End Depth:</b>	110.00	55.00
<b>Sample Date:</b>	11/26/2019	11/25/2019

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

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Total Organic Carbon	<b>170 J</b>	<b>220 J</b>
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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