

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01005		SB01006		SB01007		SB01008		SB01009	
Sample ID:				LORNG_SB01005_0-1_06072022	LORNG_SB01005_8-10_06072022	LORNG_SB01006_0-1_08042022	LORNG_SB01006_8-10_08042022	LORNG_SB01007_0-1_06072022	LORNG_SB01007_8-10_06072022	LORNG_SB01008_0-1_06072022	LORNG_SB01008_8-10_06072022	LORNG_SB01009_0-1_06072022	LORNG_SB01009_8-10_06072022
Sample Date:				6/7/2022	6/7/2022	8/4/2022	8/4/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022	6/7/2022
Sample Depth:				0-1	8-10	0-1	8-10	0-1	8-10	0-1	8-10	0-1	8-10
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9618227	46.9618227	46.9610147	46.9610147	46.9600975	46.9600975	46.960847	46.960847	46.9603631	46.9603631
Longitude:				-67.882467	-67.882467	-67.8826167	-67.8826167	-67.8825882	-67.8825882	-67.883999	-67.883999	-67.8843624	-67.8843624
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0013 U	0.0011 U	0.001 J	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0014 J	0.0011 U	0.0024	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0013 U	0.0011 U	0.0082	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0013 U	0.0011 U	0.0015 J	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 J	0.0011 U	0.0249	0.00057 U	0.0012 J	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 J	0.0011 U	0.0086 J	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0013 U	0.0011 U	0.0045	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00077 J	0.0011 U	0.0012 U	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0013 U	0.0011 U	0.0008 J	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0029	0.00084 J	0.607	0.00094 J	0.0088	0.0018 J	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0013 U	0.0011 U	0.167	0.00057 U	0.00094 J	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0645	0.0101	7	0.01 J	0.122	0.022	0.0148	0.00076 J	0.0044	0.00097 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 J	0.0011 U	0.0175	0.00057 U	0.0016 J	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 J	0.0011 U	0.0068	0.00057 U	0.00088 J	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.00057 U	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 J	0.0016 J	0.113	0.00036 J	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0088	0.0017 J	0.9	0.0009 J	0.0375	0.0011 U	0.0068 U	0.0011 U	0.0059 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0013 U	0.0011 U	0.0089	0.00057 U	0.0055 UJ	0.0011 U	0.0068 UJ	0.0011 U	0.0059 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0013 U	0.0011 U	0.0025 J	0.00057 UJ	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0013 U	0.0011 U	0.00092 J	0.00057 UJ	0.0011 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUDs)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:					SB01010		SB01011			SB01012			
Sample ID:				LORNG_SB01009_8-10_06072022FD	LORNG_SB01010_0-1_06062022	LORNG_SB01010_8-10_06062022	LORNG_SB01011_0-1_06062022	LORNG_SB01011_8-10_06062022	LORNG_SB01011_8-10_06062022FD	LORNG_SB01012_0-1_06062022	LORNG_SB01012_8-10_06062022	LORNG_SB01012_8-10_06062022SPL	LORNG_SB01012_0-1_06062022FD
Sample Date:				6/7/2022	6/6/2022	6/6/2022	6/6/2022	6/6/2022	6/6/2022	6/6/2022	6/6/2022	6/6/2022	6/6/2022
Sample Depth:				8-10	0-1	8-10	0-1	8-10	8-10	0-1	8-10	8-10	0-1
Sample Type:				FD	N	N	N	N	FD	N	N	FD	FD
Latitude:				46.9603631	46.9608544	46.9608544	46.9600259	46.9600259	46.9600259	46.9598814	46.9598814	46.9598814	46.9598814
Longitude:				-67.8843624	-67.8829327	-67.8829327	-67.8831752	-67.8831752	-67.8831752	-67.8838642	-67.8838642	-67.8838642	-67.8838642
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.001 U	0.0011 U	0.001 U	0.00081 J	0.0009 J	0.00064 J	0.0011 U	0.000746 J	0.0007 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0013 J	0.001 U	0.0011 U	0.0025	0.0164	0.0142	0.0212	0.0026	0.00336	0.0224
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.00067 J	0.0007 J	0.0012 U	0.0011 U	0.000973 U	0.0012 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0008 J	0.00063 J	0.0012 U	0.0011 U	0.000973 U	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.0052 UJ	0.0011 U	0.001 U	0.006 UJ	0.0011 U	0.000973 U	0.006 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.000973 U	0.0012 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01013		SB01014		SB01015					
Sample ID:				LORNG_SB01013_0-1_06072022	LORNG_SB01013_8-10_06072022	LORNG_SB01014_5-7_06062022	LORNG_SB01014_0-1_06062022	LORNG_SB01015_0-1_08082022	LORNG_SB01015_11.5-13.5_8822	LORNG_SB01015_8-10_08082022	LORNG_SB01015_11.5-13.5_80822S	LORNG_SB01015_0-1_08082022FD	LORNG_SB01015_11.5-13.5_8822FD
Sample Date:				6/7/2022	6/7/2022	6/6/2022	6/6/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022
Sample Depth:				0-1	8-10	5-7	0-1	0-1	11.5-13.5	8-10	11.5-13.5	0-1	11.5-13.5
Sample Type:				N	N	N	N	N	N	N	FD	FD	FD
Latitude:				46.961429	46.961429	46.9608774	46.9608774	46.962000	46.962000	46.962000	46.962000	46.962000	46.962000
Longitude:				-67.882041	-67.882041	-67.8815639	-67.8815639	-67.881123	-67.881123	-67.881123	-67.881123	-67.881123	-67.881123
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0021 J	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0034	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.003	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 J	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0042	0.0011 U	0.0012 U	0.0012 U	0.00037 J	0.00054 U	0.00056 U	0.000982 U	0.00037 J	0.00054 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0018 J	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00039 J	0.00054 U	0.00056 U	0.000982 U	0.0004 J	0.00054 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0078	0.00091 J	0.0011 J	0.0012 U	0.0004 J	0.00054 U	0.00041 J	0.000982 U	0.00041 J	0.00054 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00067 J	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.086	0.0107	0.0033	0.0031	0.0062	0.0069	0.0094 J	0.0057	0.0068	0.0078
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00034 J	0.00054 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.0003 J	0.000804 J	0.00064 U	0.00054 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0013 U	0.0013 J	0.0012 U	0.0012 U	0.00055 U	0.00054 J	0.00038 J	0.00105 J	0.00064 U	0.00055 J
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0013 U	0.0011 U	0.0012 U	0.0059 U	0.00055 UJ	0.00054 U	0.00056 U	0.000982 U	0.00064 UJ	0.00054 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0063 UJ	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0063 UJ	0.0011 U	0.0012 U	0.0012 U	0.00055 U	0.00054 U	0.00056 U	0.000982 U	0.00064 U	0.00054 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01015	SB01016			SB01017	SB01018		SB01019		
Sample ID:				LORNG_SB01015_8-10_08082022FD	LORNG_SB01016_0-1_06072022	LORNG_SB01016_8-10_06072022	LORNG_SB01016_8-10_06072022FD	LORNG_SB01017_0-1_09142022	LORNG_SB01018_0-1_09142022	LORNG_SB01018_1-2_09142022	LORNG_SB01019_0-1_08162022	LORNG_SB01019_8-10_08162022	LORNG_SB01019_0-1_08162022FD
Sample Date:				8/8/2022	6/7/2022	6/7/2022	6/7/2022	9/14/2022	9/14/2022	9/14/2022	8/16/2022	8/16/2022	8/16/2022
Sample Depth:				8-10	0-1	8-10	8-10	0-1	0-1	1-2	0-1	8-10	0-1
Sample Type:				FD	N	N	FD	N	N	N	N	N	FD
Latitude:				46.962000	46.9646066	46.9646066	46.9646066	46.9622779	46.9619708	46.9619708	46.9616909	46.9616909	46.9616909
Longitude:				-67.881123	-67.8772586	-67.8772586	-67.8772586	-67.8831845	-67.8823651	-67.8823651	-67.8815155	-67.8815155	-67.8815155
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 J	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0013 J	0.0014 J	0.0041	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.00079 J	0.0012 U	0.0013 J	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.00085 J	0.00067 J	0.0021 J	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0017 J	0.00068 J	0.0027 J	0.0011 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0006 J	0.0012 U	0.0012 J	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.00059 J	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0018 J	0.0014 J	0.0051	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0038 J	0.0019 J	0.0012 U	0.0011 U	0.0267 J	0.0177	0.046	0.0057	0.0011 U	0.0063
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 J	0.0022 J	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00046 J	0.0013 U	0.0012 U	0.0011 U	0.0019 J	0.00089 J	0.002 J	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0011 J	0.0012 J	0.0023 J	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0057 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00056 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0015 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01020		SB01021	SB01022		SB01023	SB01024	SB01025		
Sample ID:				LORNG_SB01020_0-1_08162022	LORNG_SB01020_8-10_08162022	LORNG_SB01021_0-1_09142022	LORNG_SB01022_0-1_08162022	LORNG_SB01022_8-10_08162022	LORNG_SB01023_0-1_09142022	LORNG_SB01024_0-1_09142022	LORNG_SB01025_0-1_08162022	LORNG_SB01025_8-10_08162022	LORNG_SB01025_8-10_08162022FD
Sample Date:				8/16/2022	8/16/2022	9/14/2022	8/16/2022	8/16/2022	9/14/2022	9/14/2022	8/16/2022	8/16/2022	8/16/2022
Sample Depth:				0-1	8-10	0-1	0-1	8-10	0-1	0-1	0-1	8-10	8-10
Sample Type:				N	N	N	N	N	N	N	N	N	FD
Latitude:				46.9616629	46.9616629	46.9612375	46.9605722	46.9605722	46.9599967	46.9594955	46.959366	46.959366	46.959366
Longitude:				-67.8801036	-67.8801036	-67.8805658	-67.8813242	-67.8813242	-67.8816272	-67.8824882	-67.884441	-67.884441	-67.884441
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.00069 J	0.00065 J	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.002 J	0.0012 U	0.0011 U	0.0012 U	0.00065 J	0.0011 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.00088 J	0.001 J	0.0011 U	0.00076 J	0.0014 J	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0011 U	0.0045	0.007	0.0017 J	0.018	0.0155	0.001 J	0.00057 J	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.00062 J	0.0011 U	0.0012 U	0.0014 J	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0013 U	0.0012 UJ	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0064 UJ	0.0012 U	0.0011 U	0.0059 UJ	0.0012 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0064 UJ	0.0012 U	0.0011 U	0.0059 UJ	0.0012 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01026			SB01027	SB01028	SB01029		SB01030		SB01031
Sample ID:				LORNG_SB01026_0-1_08162022	LORNG_SB01026_8-10_08162022	LORNG_SB01026_0-1_08162022S	LORNG_SB01027_0-1_09142022	LORNG_SB01028_0-1_09142022	LORNG_SB01029_0-1_09142022	LORNG_SB01029_1-2_09142022	LORNG_SB01030_00-01_10182023	LORNG_SB01030_07-09_10182023	LORNG_SB01031_00-01_10182023
Sample Date:				8/16/2022	8/16/2022	8/16/2022	9/14/2022	9/14/2022	9/14/2022	9/14/2022	10/18/2023	10/18/2023	10/18/2023
Sample Depth:				0-1	8-10	0-1	0-1	0-1	0-1	1-2	0-1	7-9	0-1
Sample Type:				N	N	FD	N	N	N	N	N	N	N
Latitude:				46.9593984	46.9593984	46.9593984	46.96076	46.9610894	46.9615035	46.9615035	46.95900081	46.95900081	46.95904332
Longitude:				-67.8853408	-67.8853408	-67.8853408	-67.8847839	-67.8831401	-67.8828286	-67.8828286	-67.88372753	-67.88372753	-67.88230877
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0011 U	0.001 U	0.0018 J	0.0012 J	0.0014 U	0.0013 U	0.00075 J	0.00018 U	0.0003 J
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.003	0.0026	0.0014 U	0.0017 J	0.0019	0.000091 U	0.00036 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.0011 U	0.001 U	0.002 J	0.0035	0.0014 U	0.0021 J	0.0014	0.000091 U	0.00046
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0011 U	0.001 U	0.0013 J	0.0014 J	0.0014 U	0.00098 J	0.0008	0.000091 U	0.00025 J
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.0011 U	0.001 U	0.0024 J	0.0066	0.0014 U	0.0017 J	0.0014	0.000091 U	0.00049
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0011 U	0.001 U	0.0014 J	0.001 J	0.0014 U	0.0013 J	0.00036	0.00011 U	0.00011 J
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.00064 J	0.0014 U	0.0013 U	0.000044 J	0.000091 U	0.00012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0013 J	0.0014 U	0.0013 U	0.000051 J	0.000091 U	0.00012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0011 J	0.0014 U	0.0013 U	0.00012 U	0.000091 U	0.00012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0012 U	0.0014 U	0.0013 U	0.00012 U	0.000091 U	0.00012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0012 U	0.0014 U	0.0013 U	0.00012 U	0.000091 U	0.00012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.00067 J	0.0014 U	0.0013 U	0.00011 J	0.000091 U	0.000076 J
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.00065 J	0.0014 U	0.0013 U	0.00012 J	0.000085 U	0.000076 J
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 U	0.0011 U	0.001 U	0.0014 J	0.0197	0.0015 J	0.0016 J	0.0028	0.00011 J	0.0032
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.00062 J	0.0014 U	0.0013 U	0.00015 J	0.00011 U	0.00014 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0014 J	0.0011 U	0.00144 J	0.0316	0.0842	0.0122	0.0214	0.019	0.000084 U	0.003
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0013 J	0.0014 U	0.0013 U	0.00014 U	0.00011 U	0.00014 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0056	0.0014 U	0.0013 U	0.00011 U	0.000088 U	0.00011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00019 U	0.00015 U	0.00019 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0012 U	0.0014 U	0.0013 U	0.00043 U	0.00034 U	0.00047 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0029	0.0014 U	0.0013 U	0.00042 U	0.00034 U	0.00047 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0045	0.0014 U	0.0013 U	0.00044 UJ	0.00035 UJ	0.00049 UJ
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.144	0.0014 U	0.0013 U	0.000025 U	0.000046 U	0.000063 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0019 J	0.0014 U	0.0013 U	0.00012 U	0.000091 U	0.00012 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.000058 U	0.000046 U	0.000059 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 UJ	0.006 UJ	0.0014 U	0.0064 UJ	0.00018 U	0.00015 U	0.0002 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 UJ	0.0012 U	0.0014 U	0.0064 UJ	0.00018 U	0.00015 U	0.0002 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0014 U	0.0011 U	0.0016 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0019 U	0.0015 U	0.0019 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	0.00023 U	0.00018 U	0.00024 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00043 U	0.00034 U	0.00044 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00012 U	0.000091 U	0.00012 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00023 U	0.00018 U	0.00024 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0029 U	0.0023 U	0.003 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00043 U	0.00034 U	0.00044 U
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUs)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00043 U	0.00034 U	0.00044 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00033 U	0.00026 U	0.00034 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00094 U	0.00074 U	0.00096 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0047 U	0.0038 U	0.0049 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0047 U	0.0038 U	0.0049 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01031	SB01032		SB01033	SB01034			SB01035		
Sample ID:				LORNG_SB01031_08-10_10182023	LORNG_SB01032_00-01_10182023	LORNG_SB01032_05-07_10182023	LORNG_SB01033_00-01_10182023	LORNG_SB01034_00-01_10182023	LORNG_SB01034_08-10_10182023	LORNG_SB01034_08-10_10182023FD	LORNG_SB01035_00-01_10182023	LORNG_SB01035_06-08_10182023	LORNG_SB01035_12-14_10182023
Sample Date:				10/18/2023	10/18/2023	10/18/2023	10/18/2023	10/18/2023	10/18/2023	10/18/2023	10/18/2023	10/18/2023	10/18/2023
Sample Depth:				8-10	0-1	5-7	0-1	0-1	8-10	8-10	0-1	6-8	12-14
Sample Type:				N	N	N	N	N	N	FD	N	N	N
Latitude:				46.95904332	46.96006334	46.96006334	46.96072005	46.96126213	46.96126213	46.96126213	46.96141753	46.96141753	46.96141753
Longitude:				-67.88230877	-67.88101655	-67.88101655	-67.8852547	-67.88418341	-67.88418341	-67.88418341	-67.88341193	-67.88341193	-67.88341193
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00018 U	0.0019	0.000086 J	0.00024 J	0.00058 J	0.00019 U	0.00019 U	0.00068 J	0.00019 U	0.00019 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.000092 U	0.0026	0.00013 J	0.00078	0.00093	0.000097 U	0.000096 U	0.00089	0.000093 U	0.000097 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000092 U	0.0028	0.00011 J	0.00089	0.00049	0.000097 U	0.000096 U	0.00074	0.000043 J	0.000052 J
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.000092 U	0.00098	0.000057 J	0.00032	0.00052	0.000097 U	0.000096 U	0.0003	0.000093 U	0.000097 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.000092 U	0.0022	0.00012 J	0.00045	0.00067	0.000097 U	0.000096 U	0.00049	0.000056 J	0.000059 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00012 U	0.00078	0.00012 U	0.00013 U	0.00048	0.00012 U	0.00012 U	0.00058	0.00012 U	0.00012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.000092 U	0.000087 J	0.000099 U	0.00011 U	0.00016 J	0.000097 U	0.000096 U	0.00005 J	0.000093 U	0.000097 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000092 U	0.000081 J	0.000099 U	0.00011 U	0.00018 J	0.000097 U	0.000096 U	0.000092 J	0.000093 U	0.000097 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.000092 U	0.00012 U	0.000099 U	0.00011 U	0.00012 U	0.000097 U	0.000096 U	0.0001 U	0.000093 U	0.000097 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000092 U	0.00012 U	0.000099 U	0.00011 U	0.00012 U	0.000097 U	0.000096 U	0.0001 U	0.000093 U	0.000097 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.000092 U	0.00012 U	0.000099 U	0.00011 U	0.00012 U	0.000097 U	0.000096 U	0.0001 U	0.000093 U	0.000097 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000082 U	0.000059 J	0.000088 U	0.000086 J	0.000027 J	0.000086 U	0.000085 U	0.000048 J	0.000083 U	0.000086 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000086 U	0.000071 J	0.000093 U	0.0001 J	0.000045 J	0.000091 U	0.00009 U	0.000096 U	0.000087 U	0.000091 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.000084 U	0.0023	0.00034	0.0017	0.0026	0.0001 J	0.000057 J	0.0013	0.00048	0.00035
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00011 U	0.00011 J	0.00012 U	0.00013 U	0.00015 J	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.00012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.000085 U	0.049	0.0031	0.001	0.028	0.00054	0.00037	0.013	0.0022	0.0013
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00011 U	0.00018 J	0.00012 U	0.00013 U	0.00016 J	0.00012 U	0.00012 U	0.000058 J	0.00011 U	0.00012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000089 U	0.00013 J	0.000095 U	0.0001 U	0.00011 J	0.000094 U	0.000093 U	0.000095 J	0.00009 U	0.000094 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00015 U	0.00019 U	0.00016 U	0.00017 U	0.0002 U	0.00016 U	0.00016 U	0.00017 U	0.00015 U	0.00016 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00035 U	0.00044 U	0.00037 U	0.0004 U	0.00045 U	0.00037 U	0.00036 U	0.00038 U	0.00035 U	0.00036 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00035 U	0.00044 U	0.00037 U	0.0004 U	0.00045 U	0.00037 U	0.00036 U	0.00038 U	0.00035 U	0.00036 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00036 UJ	0.00061 J	0.00038 U	0.00042 UJ	0.0015 J	0.00038 U	0.00037 U	0.0004 U	0.00036 U	0.00038 UJ
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000045 U	0.0013 J+	0.000049 U	0.000052 U	0.00042 J+	0.000049 U	0.000048 U	0.000023 U	0.000047 U	0.000049 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.000091 U	0.00012 U	0.000098 U	0.0001 U	0.00012 U	0.000097 U	0.000096 U	0.0001 U	0.000093 U	0.000097 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000046 U	0.000059 U	0.000049 U	0.000054 U	0.00006 U	0.000049 U	0.000048 U	0.000051 U	0.000047 U	0.000049 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00015 U	0.00019 U	0.00016 U	0.00017 U	0.0002 U	0.00016 UJ	0.00016 UJ	0.00017 UJ	0.00015 UJ	0.00016 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00015 U	0.00019 U	0.00016 U	0.00017 U	0.0002 U	0.00016 U	0.00016 U	0.00017 U	0.00015 U	0.00016 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0011 U	0.0015 U	0.0012 U	0.0013 U	0.0015 U	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0015 U	0.0019 U	0.0016 U	0.0017 U	0.002 U	0.0026 J+	0.0027 J+	0.0027 J+	0.0026 J+	0.0016 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00018 U	0.00024 U	0.0002 U	0.00021 U	0.00024 U	0.00019 U	0.00019 U	0.0002 U	0.00019 U	0.00019 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00035 U	0.00044 U	0.00037 U	0.0004 U	0.00045 U	0.00037 U	0.00036 U	0.00038 U	0.00035 U	0.00036 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.000092 U	0.00012 U	0.000099 U	0.00011 U	0.00012 U	0.000097 U	0.000096 U	0.0001 U	0.000093 U	0.000097 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00018 U	0.00024 U	0.0002 U	0.00021 U	0.00024 U	0.00019 U	0.00019 U	0.0002 U	0.00019 U	0.00019 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0023 U	0.003 U	0.0025 U	0.0027 U	0.003 U	0.0024 U	0.0024 U	0.0026 U	0.0023 U	0.0024 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00035 U	0.00044 U	0.00037 U	0.0004 U	0.00045 U	0.00037 U	0.00036 U	0.00038 U	0.00035 U	0.00036 U
11-Chlororeicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.00035 U	0.00044 U	0.00037 U	0.0004 U	0.00045 U	0.00037 U	0.00036 U	0.00038 U	0.00035 U	0.00036 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00026 U	0.00034 U	0.00028 U	0.00031 U	0.00035 U	0.00028 U	0.00028 U	0.00029 U	0.00027 U	0.00028 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00075 U	0.00096 U	0.0008 U	0.00087 U	0.00098 U	0.00079 U	0.00078 U	0.00083 U	0.00076 U	0.00079 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0038 U	0.0049 U	0.0041 U	0.0044 U	0.005 U	0.004 U	0.004 U	0.0042 U	0.0038 U	0.004 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0038 U	0.0049 U	0.0041 U	0.0044 U	0.005 U	0.004 U	0.004 U	0.0042 U	0.0038 U	0.004 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01035		SB01036				SB01037		SB01038	SB01039
Sample ID:				LORNG_SB01035_08-10_10182023S	LORNG_SB01035_12-14_10182023S	LORNG_SB01036_00-01_10192023	LORNG_SB01036_07-09_10192023	LORNG_SB01036_13-15_10192023	LORNG_SB01036_07-09_10192023FD	LORNG_SB01037_00-01_10192023	LORNG_SB01037_08-10_10192023	LORNG_SB01038_00-02_10182023	LORNG_SB01039_00-02_10182023
Sample Date:				10/18/2023	10/18/2023	10/19/2023	10/19/2023	10/19/2023	10/19/2023	10/19/2023	10/19/2023	10/18/2023	10/18/2023
Sample Depth:				8-10	12-14	0-1	7-9	13-15	7-9	0-1	8-10	0-2	0-2
Sample Type:				FD	FD	N	N	N	FD	N	N	N	N
Latitude:				46.96141753	46.96141753	46.96187614	46.96187614	46.96187614	46.96187614	46.96252562	46.96252562	46.95973935	46.96074118
Longitude:				-67.88341193	-67.88341193	-67.88315337	-67.88315337	-67.88315337	-67.88315337	-67.88344285	-67.88344285	-67.8846607	-67.8854107
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00088 U	0.00088 U	0.00031 J	0.00018 U	0.000089 J	0.00018 U	0.00048 J	0.00019 U	0.00033 J	0.00022 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00044 U	0.00044 U	0.00062	0.00009 U	0.00013 J	0.00009 U	0.0012	0.000095 J	0.00053	0.00005 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00044 U	0.00044 U	0.002	0.000075 J	0.000081 J	0.000085 J	0.00067	0.000053 J	0.00023 J	0.000051 J
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00044 U	0.00044 U	0.00026	0.00009 U	0.000049 J	0.00009 U	0.00041	0.000094 U	0.00023 J	0.00011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00044 U	0.00044 U	0.00088	0.000073 J	0.00018 J	0.000067 J	0.0007	0.000094 U	0.00036	0.000074 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00044 U	0.00044 U	0.000084 J	0.00011 U	0.000072 J	0.00011 U	0.00021 J	0.00012 U	0.00036	0.00014 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00044 U	0.00044 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00015 J	0.000094 U	0.0001 U	0.00011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00044 U	0.00044 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00018 J	0.000094 U	0.0001 U	0.00011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00044 U	0.00044 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.000087 J	0.000094 U	0.0001 U	0.00011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00044 U	0.00044 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.000093 J	0.000094 U	0.0001 U	0.00011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00044 U	0.00044 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.000038 J	0.000094 U	0.0001 U	0.00011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00044 U	0.00044 U	0.000091 U	0.00008 U	0.000091 U	0.00008 U	0.000048 J	0.000084 U	0.000089 U	0.000098 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00044 U	0.00044 U	0.000096 U	0.000084 U	0.000097 U	0.000084 U	0.000072 J	0.000088 U	0.000094 U	0.0001 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00044 U	0.00029 J	0.0016	0.000063 J	0.00075	0.000072 J	0.0022	0.00021	0.00045	0.00013 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00044 U	0.00044 U	0.00012 U	0.00011 U	0.000072 J	0.00011 U	0.0001 J	0.00011 U	0.00012 U	0.00013 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00037 J	0.0014	0.0034	0.00017 J	0.0063	0.000083 U	0.017	0.00056	0.0089	0.0003
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00044 U	0.00044 U	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.000064 J	0.00011 U	0.00012 U	0.00013 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00044 U	0.00044 U	0.000098 U	0.000087 U	0.000099 U	0.000087 U	0.0002 J	0.000091 U	0.000097 U	0.00011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00044 U	0.00044 U	0.00017 U	0.00015 U	0.00017 U	0.00015 U	0.0028	0.00015 U	0.00016 U	0.00018 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.00038 U	0.00034 U	0.00039 U	0.00034 U	0.0004 U	0.00035 U	0.00038 U	0.00041 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.00038 U	0.00034 U	0.00039 U	0.00034 U	0.0063	0.00018 J	0.00038 U	0.00041 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0004 UJ	0.00035 UJ	0.0004 UJ	0.00035 UJ	0.011 J	0.00056 J	0.00021 J	0.00043 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00044 U	0.00044 U	0.000023 U	0.000045 U	0.000052 U	0.000045 U	0.0062 J+	0.000021 U	0.000023 U	0.000055 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00044 U	0.00044 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00011 U	0.000094 U	0.0001 U	0.00011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.00044 U	0.00044 U	0.000051 U	0.000045 U	0.000052 U	0.000045 U	0.000054 U	0.000047 U	0.00005 U	0.000055 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00044 U	0.00044 U	0.00017 U	0.00015 U	0.00017 U	0.00015 U	0.00018 U	0.00015 U	0.00016 U	0.00018 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00044 U	0.00044 U	0.00017 U	0.00015 U	0.00017 U	0.00015 U	0.00018 U	0.00015 U	0.00016 U	0.00018 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0022 U	0.0022 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0014 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0022 U	0.0022 U	0.0017 U	0.0015 U	0.0017 U	0.0015 U	0.0018 U	0.0015 U	0.0026 J+	0.00081 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00088 U	0.00087 U	0.0002 U	0.00018 U	0.00021 U	0.00018 U	0.00022 U	0.00019 U	0.0002 U	0.00022 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00088 U	0.00087 U	0.00038 U	0.00034 U	0.00039 U	0.00034 U	0.0004 U	0.00035 U	0.00038 U	0.00041 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.00044 U	0.00044 U	0.0001 U	0.00009 U	0.0001 U	0.00009 U	0.00011 U	0.000094 U	0.0001 U	0.00011 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00044 U	0.00044 U	0.0002 U	0.00018 U	0.00021 U	0.00018 U	0.00022 U	0.00019 U	0.0002 U	0.00022 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.00088 U	0.00087 U	0.0026 U	0.0022 U	0.0026 U	0.0023 U	0.0027 U	0.0024 U	0.0025 U	0.0028 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0011 U	0.0011 U	0.00038 U	0.00034 U	0.00039 U	0.00034 U	0.0004 U	0.00035 U	0.00038 U	0.00041 U
11-Chlororeicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.0011 U	0.0011 U	0.00038 U	0.00034 U	0.00039 U	0.00034 U	0.0004 U	0.00035 U	0.00038 U	0.00041 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00044 U	0.00044 U	0.00029 U	0.00026 U	0.0003 U	0.00026 U	0.00031 U	0.00027 U	0.00029 U	0.00032 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0011 U	0.0011 U	0.00083 U	0.00073 U	0.00084 U	0.00073 U	0.00088 U	0.00077 U	0.00082 U	0.0009 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0055 U	0.0055 U	0.0042 U	0.0037 U	0.0043 U	0.0037 U	0.0044 U	0.0039 U	0.0041 U	0.0046 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0055 U	0.0055 U	0.0042 U	0.0037 U	0.0043 U	0.0037 U	0.0044 U	0.0039 U	0.0041 U	0.0046 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01040			SB01041	SB01042	SB01043		SB01044		
Sample ID:	LORNG_SB01040_00-01_10192023	LORNG_SB01040_05-07_10192023	LORNG_SB01040_11-13_10192023	LORNG_SB01041_00-02_10182023	LORNG_SB01042_00-01_10182023	LORNG_SB01043_0-1_10012024_BV	LORNG_SB01043_0-1_10012024	LORNG_SB01044_0-1_09302024	LORNG_SB01044_17-19_09302024	LORNG_SB01044_8-10_09302024			
Sample Date:	10/19/2023	10/19/2023	10/19/2023	10/18/2023	10/18/2023	10/1/2024	10/1/2024	9/30/2024	9/30/2024	9/30/2024			
Sample Depth:	0-1	5-7	11-13	0-2	0-1	0-1	0-1	0-1	17-19	8-10			
Sample Type:	N	N	N	N	N	N	N	N	N	N			
Latitude:	46.96250377	46.96250377	46.96250377	46.96090309	46.96070063	46.96139704	46.96139704	46.95845391	46.95845391	46.95845391			
Longitude:	-67.88320892	-67.88320892	-67.88320892	-67.88514343	-67.8855694	-67.88543014	-67.88543014	-67.8850537	-67.8850537	-67.8850537			
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0004 J	0.00017 U	0.0002 U	0.00049 J	0.00032 J	0.00069 U	0.0061 U	0.0045 U	0.0044 U	0.0043 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00055	0.000087 U	0.000067 J	0.00063 J	0.00084	0.00019 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00055	0.000032 J	0.000048 J	0.0003 J	0.00062	0.00013 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00035	0.000087 U	0.000043 J	0.00021 J	0.00045	0.0001 J	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011	0.000075 J	0.000089 J	0.00063	0.00089	0.00036 J	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00079	0.00011 U	0.00013 U	0.0005 J	0.0002 J	0.00015 J	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00025 J	0.000087 U	0.0001 U	0.00017 J	0.00012 U	0.00017 J	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00019 J	0.000087 U	0.0001 U	0.00026 J	0.00012 U	0.00034 J	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.000048 J	0.000087 U	0.0001 U	0.00023 U	0.00012 U	0.0001 J	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00011 U	0.000087 U	0.0001 U	0.00023 U	0.00012 U	0.00014 J	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00011 U	0.000087 U	0.0001 U	0.00023 U	0.00012 U	0.000038 J	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000062 J	0.000078 U	0.000091 U	0.00011 J	0.00009 J	0.00011 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00004 J	0.000082 U	0.000096 U	0.000097 J	0.00011 J	0.00012 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0025	0.00056	0.0004	0.0027	0.0023	0.00051	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00012 J	0.0001 U	0.00012 U	0.00021 J	0.000079 J	0.00017 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.042	0.0021	0.0021	0.012	0.0032	0.0071	0.0061 J	0.0069	0.0022 U	0.0022 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00016 J	0.0001 U	0.00012 U	0.00028 U	0.00014 U	0.00017 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00016 J	0.000084 U	0.000099 U	0.00022 U	0.00011 U	0.00017 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00017 U	0.00014 U	0.00017 U	0.00037 U	0.00019 U	0.00028 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0004 U	0.00033 U	0.00038 U	0.00086 U	0.00045 U	0.00065 U	0.0076 U	0.0056 U	0.0055 U	0.0054 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0004 U	0.00033 U	0.00016 J	0.00086 U	0.00045 U	0.00066 U	0.0076 U	0.0056 U	0.0055 U	0.0054 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00041 U	0.00034 UJ	0.0016	0.00089 U	0.00046 U	0.0011 U	0.0076 U	0.0056 U	0.0055 U	0.0054 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00055 J+	0.000044 U	0.00015 J+	0.000052 U	0.00006 U	0.00012 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00011 U	0.000087 U	0.0001 U	0.00023 UJ	0.00012 U	0.00027 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000053 U	0.000044 U	0.000051 U	0.00012 U	0.00006 U	0.00017 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00017 U	0.00014 U	0.00017 U	0.00037 UJ	0.00019 UJ	0.00027 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00017 U	0.00014 U	0.00017 U	0.00037 U	0.00019 U	0.00027 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0013 U	0.0011 U	0.0013 U	0.0029 U	0.0015 U	0.00091 U	0.015 U	0.011 U	0.011 U	0.011 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0017 U	0.0014 U	0.0017 U	0.0059 J+	0.0032 J+	0.00061 UJ	0.015 U	0.011 U	0.011 U	0.011 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00021 U	0.00017 U	0.0002 U	0.00046 U	0.00024 U	0.00069 U	0.0061 U	0.0045 U	0.0044 U	0.0043 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.0004 U	0.00033 U	0.00038 U	0.00086 U	0.00045 U	0.00047 U	0.0061 U	0.0045 U	0.0044 U	0.0043 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.00011 U	0.000087 U	0.0001 U	0.00023 U	0.00012 U	0.00057 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00021 U	0.00017 U	0.0002 U	0.00046 U	0.00024 U	0.00025 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0027 U	0.0022 U	0.0026 U	0.0058 U	0.003 U	0.0057 U	0.0061 U	0.0045 U	0.0044 U	0.0043 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0004 U	0.00033 U	0.00038 U	0.00086 U	0.00045 U	0.00065 U	0.0076 U	0.0056 U	0.0055 U	0.0054 U
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.0004 U	0.00033 U	0.00038 U	0.00086 U	0.00045 U	0.00066 U	0.0076 U	0.0056 U	0.0055 U	0.0054 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00031 U	0.00025 U	0.00029 U	0.00066 U	0.00034 U	0.00032 U	0.003 U	0.0022 U	0.0022 U	0.0022 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00086 U	0.00071 U	0.00083 U	0.0019 U	0.00097 U	0.00047 U	0.0076 U	0.0056 U	0.0055 U	0.0054 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0044 U	0.0036 U	0.0042 U	0.0095 U	0.0049 U	0.0071 U	0.038 U	0.028 U	0.028 U	0.027 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0044 U	0.0036 U	0.0042 U	0.0095 U	0.0049 U	0.0071 U	0.038 U	0.028 U	0.028 U	0.027 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01045		SB01046			SB01047		SB01048	SB01049	
Sample ID:				LORNG_SB01045_0-1_09302024	LORNG_SB01045_0-1_09302024FD	LORNG_SB01046_0-1_09262024	LORNG_SB01046_5-7_09262024	LORNG_SB01046_9-11_09262024	LORNG_SB01047_0-1_10012024	LORNG_SB01047_0-1_10012024FD	LORNG_SB01048_0-1_10012024	LORNG_SB01049_0-1_10022024SPLI	LORNG_SB01049_0-1_10022024
Sample Date:				9/30/2024	9/30/2024	9/26/2024	9/26/2024	9/26/2024	10/1/2024	10/1/2024	10/1/2024	10/2/2024	10/2/2024
Sample Depth:				0-1	0-1	0-1	5-7	9-11	0-1	0-1	0-1	0-1	0-1
Sample Type:				N	FD	N	N	N	N	FD	N	N	N
Latitude:				46.95854125	46.95854125	46.95878305	46.95878305	46.95878305	46.95986013	46.95986013	46.96040807	46.96106399	46.96106399
Longitude:				-67.88313187	-67.88313187	-67.88045284	-67.88045284	-67.88045284	-67.88010992	-67.88010992	-67.88066678	-67.87705198	-67.87705198
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0063 U	0.0063 U	0.005 U	0.0046 U	0.0045 U	0.00079 J	0.001 J	0.0013 J	0.0005 U	0.0005 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.0013	0.0014	0.0024	0.00014 U	0.000041 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.0034	0.0033	0.0072	0.000091 U	0.00009 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00091	0.00093	0.0024	0.00013 U	0.00012 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0019 J	0.0013 J	0.0025 U	0.0023 U	0.0022 U	0.0025	0.0026	0.0097	0.00013 U	0.00012 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00024 J	0.00026 J	0.0005	0.000043 J	0.00012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00027 U	0.00028 U	0.00029 U	0.00021 U	0.0002 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.000075 J	0.000094 J	0.00013 U	0.000084 J	0.00009 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00017 U	0.00017 U	0.00018 U	0.00013 U	0.00012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.000034 J	0.000096 J	0.000092 U	0.000043 J	0.000068 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.000091 U	0.000074 J	0.000092 U	0.000068 U	0.000068 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.000036	0.00038	0.00027 J	0.000081 U	0.00008 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00045	0.00044	0.00016 J	0.000086 U	0.000085 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0044 J	0.0047 J	0.0016 J	0.0023 U	0.0022 U	0.01	0.01	0.0088	0.000061 J	0.000082 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00037	0.00036	0.0003 J	0.00013 U	0.00012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0262	0.0294	0.0015 J	0.0023 U	0.0022 U	0.024	0.023	0.058	0.0007	0.00056
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00017 U	0.00017 U	0.00018 U	0.00013 U	0.00012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00017 U	0.00017 U	0.00018 U	0.00013 U	0.00012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00027 U	0.00028 U	0.00029 U	0.00021 U	0.0002 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0078 U	0.0079 U	0.0062 U	0.0057 U	0.0056 U	0.0006 U	0.00063 U	0.00066 U	0.00047 U	0.00046 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0078 U	0.0079 U	0.0062 U	0.0057 U	0.0056 U	0.00061 U	0.00065 U	0.00068 U	0.00048 U	0.00047 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0078 U	0.0079 U	0.0062 U	0.0057 U	0.0056 U	0.001 U	0.0011 U	0.0011 U	0.00079 U	0.00078 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.000075 J	0.000086 J	0.00077	0.000091 U	0.00009 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00027 U	0.00028 U	0.00028 U	0.00021 U	0.0002 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00017 U	0.00016 U	0.00017 U	0.00013 U	0.00012 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00026 U	0.00028 U	0.00029 U	0.00021 U	0.0002 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00026 U	0.00028 U	0.00029 U	0.00021 U	0.0002 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.016 U	0.016 U	0.012 U	0.011 U	0.011 U	0.00091 U	0.00093 U	0.00092 U	0.00068 U	0.00068 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.016 U	0.016 U	0.012 U	0.011 U	0.011 U	0.0006 U	0.00062 U	0.00062 U	0.00046 U	0.00045 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0063 U	0.0063 U	0.005 U	0.0046 U	0.0045 U	0.00067 U	0.00068 U	0.00071 U	0.0005 U	0.0005 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.0063 U	0.0063 U	0.005 U	0.0046 U	0.0045 U	0.00045 U	0.00046 U	0.00048 U	0.00034 U	0.00034 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00054 U	0.00056 U	0.00058 U	0.00041 U	0.00041 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.00024 U	0.00025 U	0.00026 U	0.00018 U	0.00018 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0063 U	0.0063 U	0.005 U	0.0046 U	0.0045 U	0.0054 U	0.0056 U	0.0058 U	0.0041 U	0.0041 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0078 U	0.0079 U	0.0062 U	0.0057 U	0.0056 U	0.00062 U	0.00063 U	0.00066 U	0.00047 U	0.00046 U
11-Chlororeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.0078 U	0.0079 U	0.0062 U	0.0057 U	0.0056 U	0.00064 U	0.00065 U	0.00068 U	0.00048 U	0.00047 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.0031 U	0.0031 U	0.0025 U	0.0023 U	0.0022 U	0.0003 U	0.00031 U	0.00032 U	0.00023 U	0.00023 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0078 U	0.0079 U	0.0062 U	0.0057 U	0.0056 U	0.00045 U	0.00046 U	0.00048 U	0.00034 U	0.00034 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.039 U	0.039 U	0.031 U	0.028 U	0.028 U	0.0068 U	0.007 U	0.0073 U	0.0051 U	0.0051 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.039 U	0.039 U	0.031 U	0.028 U	0.028 U	0.0068 U	0.007 U	0.0073 U	0.0051 U	0.0051 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area									
Flow Field:				1									
Location ID:				SB01049		SB01050	SB01051				SB01052		
Sample ID:	LORNG_SB01049_11-13_10022024	LORNG_SB01049_6-8_10022024	LORNG_SB01050_0-1_10012024	LORNG_SB01051_0-1_10022024SPLI	LORNG_SB01051_0-1_10022024	LORNG_SB01051_0-1_10022024	LORNG_SB01051_4-6_10022024	LORNG_SB01051_8-10_10022024	LORNG_SB01052_0-1_10022024	LORNG_SB01052_3-5_10022024	LORNG_SB01052_7-9_10022024		
Sample Date:	10/2/2024	10/2/2024	10/1/2024	10/2/2024	10/2/2024	10/2/2024	10/2/2024	10/2/2024	10/2/2024	10/2/2024	10/2/2024		
Sample Depth:	11-13	6-8	0-1	0-1	0-1	0-1	4-6	8-10	0-1	3-5	7-9		
Sample Type:	N	N	N	N	N	N	N	N	N	N	N		
Latitude:	46.96106399	46.96106399	46.9630721	46.962877	46.962877	46.962877	46.962877	46.962877	46.96278701	46.96278701	46.96278701		
Longitude:	-67.87705198	-67.87705198	-67.88161211	-67.88356298	-67.88356298	-67.88356298	-67.88356298	-67.88356298	-67.88369699	-67.88369699	-67.88369699		
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00052 U	0.0005 U	0.00035 J	0.00035 J	0.00029 J	0.00052 U	0.0005 U	0.00052 U	0.00049 U	0.00053 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00014 U	0.000041 J	0.0002 J	0.00052	0.00044	0.00014 U	0.00014 U	0.000062 J	0.000094 J	0.00034 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000094 U	0.000092 U	0.00026 J	0.00046	0.00043	0.000094 U	0.000092 U	0.000075 J	0.00004 J	0.00021 J
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00013 U	0.00013 U	0.00023 J	0.00047	0.0004	0.00013 U	0.00013 U	0.0001 J	0.000049 J	0.00014 J
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00013 U	0.00013 U	0.00041	0.00089	0.00075	0.000054 J	0.00013 U	0.00013 J	0.000056 J	0.000094 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00013 U	0.00013 U	0.00021 J	0.00049	0.00039	0.00013 U	0.00013 U	0.000054 J	0.000046 J	0.000053 J
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00021 U	0.00021 U	0.00025 U	0.00015 J	0.00011 J	0.00021 U	0.00021 U	0.00021 U	0.0002 U	0.00022 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000073 J	0.000092 U	0.000062 J	0.00014 J	0.000098 J	0.000094 U	0.000092 U	0.000059 J	0.000089 U	0.000048 J
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00013 U	0.00013 U	0.00015 U	0.00013 U	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00012 U	0.00013 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000032 J	0.000069 U	0.000029 J	0.000068 U	0.000066 U	0.000071 U	0.000069 U	0.000071 U	0.000067 U	0.000072 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00007 U	0.000069 U	0.000082 U	0.000068 U	0.000066 U	0.000071 U	0.000069 U	0.000071 U	0.000067 U	0.000072 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000083 U	0.000081 U	0.00007 J	0.000033 J	0.000033 J	0.000084 U	0.000081 U	0.000084 U	0.000079 U	0.000085 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000088 U	0.000086 U	0.00004 J	0.000033 J	0.000037 J	0.000088 U	0.000086 U	0.000088 U	0.000084 U	0.00009 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.000086 U	0.000056 J	0.0011	0.0022	0.002	0.00056	0.00035	0.00018 J	0.00017 U	0.00036
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00013 U	0.00013 U	0.00015 U	0.00006 J	0.00007 J	0.00013 U	0.00013 U	0.00013 U	0.00012 U	0.00013 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0007	0.00015 J	0.002	0.0091	0.008	0.0025	0.0016	0.0017	0.0016	0.002
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00013 U	0.00013 U	0.00015 U	0.00018 J	0.00017 J	0.00013 U	0.00013 U	0.000087 J	0.00012 U	0.00013 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00013 U	0.00013 U	0.00015 U	0.00012 J	0.00012 J	0.00013 U	0.00013 U	0.000071 J	0.00007 J	0.00037
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00021 U	0.00021 U	0.00025 U	0.00021 U	0.0002 U	0.00021 U	0.00021 U	0.00021 U	0.0002 U	0.00022 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00048 U	0.00047 U	0.00054 U	0.00047 U	0.00045 U	0.00048 U	0.00047 U	0.00048 U	0.00046 U	0.00049 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00049 U	0.00048 U	0.00055 U	0.00048 U	0.00046 U	0.0005 U	0.00048 U	0.00049 U	0.00047 U	0.00042 J
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00081 U	0.00079 U	0.00091 U	0.00042 J	0.00057 J	0.00081 U	0.00079 U	0.00051 J	0.00075 J	0.0022
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000094 U	0.000092 U	0.00011 U	0.00039	0.00036	0.00005 J	0.000063 J	0.000099 J	0.00033	0.0016
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00021 U	0.00021 U	0.00025 U	0.00021 U	0.0002 U	0.00021 U	0.00021 U	0.00021 U	0.0002 U	0.00022 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.00013 U	0.00013 U	0.00015 U	0.00013 U	0.00012 U	0.00013 U	0.00013 U	0.00013 U	0.00012 U	0.00013 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00021 U	0.00021 U	0.00025 U	0.00021 U	0.0002 U	0.00021 U	0.00021 U	0.00021 U	0.0002 U	0.00022 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00021 U	0.00021 U	0.00024 U	0.00021 U	0.0002 U	0.00021 U	0.00021 U	0.00021 U	0.0002 U	0.00022 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0007 U	0.00069 U	0.00082 U	0.00068 U	0.00066 U	0.00071 U	0.00069 U	0.00071 U	0.00067 U	0.00072 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.00047 U	0.00046 U	0.00055 U	0.00046 U	0.00044 U	0.00047 U	0.00046 U	0.00047 U	0.00045 U	0.00048 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00052 U	0.0005 U	0.0006 U	0.0005 U	0.00049 U	0.00052 U	0.0005 U	0.00052 U	0.00049 U	0.00053 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00035 U	0.00034 U	0.00041 U	0.00034 U	0.00033 U	0.00035 U	0.00034 U	0.00035 U	0.00034 U	0.00036 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.00042 U	0.00041 U	0.00049 U	0.00041 U	0.0004 U	0.00042 U	0.00041 U	0.00042 U	0.0004 U	0.00043 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00019 U	0.00018 U	0.00022 U	0.00018 U	0.00018 U	0.00019 U	0.00018 U	0.00019 U	0.00018 U	0.00019 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0042 U	0.0041 U	0.0049 U	0.0041 U	0.004 U	0.0042 U	0.0041 U	0.0042 U	0.004 U	0.0043 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00048 U	0.00047 U	0.00056 U	0.00047 U	0.00045 U	0.00048 U	0.00047 U	0.00048 U	0.00046 U	0.00049 U
11-Chlororeicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.00049 U	0.00048 U	0.00057 U	0.00048 U	0.00046 U	0.0005 U	0.00048 U	0.00049 U	0.00047 U	0.00051 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00023 U	0.00023 U	0.00027 U	0.00023 U	0.00022 U	0.00024 U	0.00023 U	0.00024 U	0.00022 U	0.00024 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00035 U	0.00034 U	0.00041 U	0.00034 U	0.00033 U	0.00035 U	0.00034 U	0.00035 U	0.00034 U	0.00036 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0053 U	0.0052 U	0.0061 U	0.0051 U	0.005 U	0.0053 U	0.0051 U	0.0053 U	0.005 U	0.0054 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0053 U	0.0052 U	0.0061 U	0.0051 U	0.005 U	0.0053 U	0.0051 U	0.0053 U	0.005 U	0.0054 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				01. Fire Training Area						05. Structural Fire Station			
Flow Field:				1						4			
Location ID:				SB01052	SB01053	SB01054	SB01055			LYS05012	SB05006		
Sample ID:				LORNG_SB01052_3-5_10022024FD	LORNG_SB01053_0-1_10012024	LORNG_SB01054_0-1_10012024	LORNG_SB01055_0-2_10012024	LORNG_SB01055_13-15_10012024	LORNG_SB01055_7-9_10012024	LORNG_LYS05012_18-20_08052022	LORNG_SB05006_0-1_06042022	LORNG_SB05006_8-10_06042022	LORNG_SB05006_0-1_06042022FD
Sample Date:				10/2/2024	10/1/2024	10/1/2024	10/1/2024	10/1/2024	10/1/2024	8/5/2022	6/4/2022	6/4/2022	6/4/2022
Sample Depth:				3-5	0-1	0-1	0-2	13-15	7-9	18-20	0-1	8-10	0-1
Sample Type:				FD	N	N	N	N	N	N	N	N	FD
Latitude:				46.96278701	46.96187757	46.96197154	46.96167656	46.96167656	46.96167656	46.934031	46.9343945	46.9343945	46.9343945
Longitude:				-67.88369699	-67.88370326	-67.88468649	-67.88010343	-67.88010343	-67.88010343	-67.9069311	-67.9067004	-67.9067004	-67.9067004
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00049 U	0.0044	0.0049 U	0.00055 U	0.00053 U	0.00053 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0001 J	0.0035	0.0025 U	0.000057 J	0.00014 U	0.00014 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00004 J	0.0047	0.0025 U	0.0001 J	0.000096 U	0.000096 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.000053 J	0.0023	0.0025 U	0.000076 J	0.00013 U	0.00013 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.000062 J	0.0037	0.0025 U	0.00013 J	0.00013 U	0.00013 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.000045 J	0.0017	0.0025 U	0.0001 J	0.00013 U	0.00013 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0002 U	0.00081	0.0025 U	0.00022 U	0.00022 U	0.00022 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00009 U	0.00027 J	0.0025 U	0.000054 J	0.000096 U	0.000096 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00012 U	0.000067 J	0.0025 U	0.00014 U	0.00013 U	0.00013 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000067 U	0.0001 U	0.0025 U	0.000075 U	0.000072 U	0.000072 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.000067 U	0.0001 U	0.0025 U	0.000075 U	0.000072 U	0.000072 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00008 U	0.00022 J	0.0025 U	0.000088 U	0.000085 U	0.000085 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000084 U	0.00023 J	0.0025 U	0.000093 U	0.00009 U	0.00009 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00011 J	0.013	0.0014 J	0.00017 U	0.000087 U	0.000087 U	0.00106 J	0.0016 J	0.0011 U	0.0012 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00012 U	0.00018 J	0.0025 U	0.00014 U	0.00013 U	0.00013 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0018	0.054	0.0027 J	0.00063	0.0002 U	0.0002 U	0.00671	0.0327	0.0014 J	0.0231
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00012 U	0.00018 J	0.0025 U	0.00014 U	0.00013 U	0.00013 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000065 J	0.0001 J	0.0025 U	0.00014 U	0.00013 U	0.00013 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.0002 U	0.0003 U	0.0025 U	0.00022 U	0.00022 U	0.00022 U	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00046 U	0.00069 U	0.0062 U	0.00051 U	0.00049 U	0.00049 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00047 U	0.00042 J	0.0062 U	0.00052 U	0.0005 U	0.0005 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00049 J	0.004	0.0062 U	0.00086 U	0.00083 U	0.00082 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00036	0.0036	0.0025 U	0.000099 U	0.000096 U	0.000096 U	0.00097 U	0.0014 J	0.0011 U	0.001 J
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0002 U	0.0003 U	0.0025 U	0.00022 U	0.00022 U	0.00022 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.00012 U	0.00018 U	0.0025 U	0.00014 U	0.00013 U	0.00013 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0002 U	0.0003 U	0.0025 U	0.00022 U	0.00022 U	0.00022 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0002 U	0.0003 U	0.0025 U	0.00022 U	0.00022 U	0.00022 U	0.00097 U	0.0012 U	0.0011 U	0.0013 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.00067 U	0.00099 U	0.012 U	0.00075 U	0.00072 U	0.00072 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.00045 U	0.00066 U	0.012 U	0.0005 U	0.00048 U	0.00048 U	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00049 U	0.00074 U	0.0049 U	0.00055 U	0.00053 U	0.00053 U	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00034 U	0.0005 U	0.0049 U	0.00037 U	0.00036 U	0.00036 U	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0004 U	0.0006 U	0.0025 U	0.00045 U	0.00043 U	0.00043 U	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00018 U	0.00027 U	0.0025 U	0.0002 U	0.00019 U	0.00019 U	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.004 U	0.006 U	0.0049 U	0.0045 U	0.0043 U	0.0043 U	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00046 U	0.00069 U	0.0062 U	0.00051 U	0.00049 U	0.00049 U	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.00047 U	0.0007 U	0.0062 U	0.00052 U	0.0005 U	0.0005 U	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00022 U	0.00033 U	0.0025 U	0.00025 U	0.00024 U	0.00024 U	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00034 U	0.0005 U	0.0062 U	0.00037 U	0.00036 U	0.00036 U	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0051 U	0.0075 U	0.031 U	0.0056 U	0.0054 U	0.0054 U	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0051 U	0.0075 U	0.031 U	0.0056 U	0.0054 U	0.0054 U	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				05. Structural Fire Station									
Flow Field:				4									
Location ID:				SB05007		SB05008		SB05009		SB05010	SB05011		SB05012
Sample ID:				LORNG_SB05007_0-1_06032022	LORNG_SB05007_8-10_06032022	LORNG_SB05008_0-1_06032022	LORNG_SB05008_8-10_06032022	LORNG_SB05009_0-1_06032022	LORNG_SB05009_8-10_06032022	LORNG_SB05010_0-1-06032022	LORNG_SB05011_0-1_06032022	LORNG_SB05011_8-10_06032022	LORNG_SB05012_8-10_06032022
Sample Date:				6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022
Sample Depth:				0-1	8-10	0-1	8-10	0-1	8-10	0-1	0-1	8-10	8-10
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9344068	46.9344068	46.9344916	46.9344916	46.9343364	46.9343364	46.9342045	46.9340406	46.9340406	46.9340315
Longitude:				-67.9070004	-67.9070004	-67.907215	-67.907215	-67.9071512	-67.9071512	-67.9073657	-67.9072879	-67.9072879	-67.9069303
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.0011 U	0.0011 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00087 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 J	0.0011 U	0.00084 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00094 J	0.0029	0.0034
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00065 J
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0063	0.0011 U	0.0411	0.00067 J	0.0015 J	0.00058 J	0.0225	0.0298	0.0294	0.0186
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00063 J	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.00078 J	0.0014 J
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00066 J	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 UJ	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				05. Structural Fire Station									
Flow Field:				4									
Location ID:				SB05012	SB05013		SB05014		SB05015		SB05016		
Sample ID:				LORNG_SB05012_0-1_06032022	LORNG_SB05013_0-1_06032022	LORNG_SB05013_8-10_06032022	LORNG_SB05014_0-1_06032022	LORNG_SB05014_6-8_06032022	LORNG_SB05015_0-1_06032022	LORNG_SB05015_8-10_06032022	LORNG_SB05016_0-1_08052022	LORNG_SB05016_5-7_08052022	LORNG_SB05016_0-1_08052022FD
Sample Date:				6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	6/3/2022	8/5/2022	8/5/2022	8/5/2022
Sample Depth:				0-1	0-1	8-10	0-1	6-8	0-1	8-10	0-1	5-7	0-1
Sample Type:				N	N	N	N	N	N	N	N	N	FD
Latitude:				46.9340315	46.9339062	46.9339062	46.9337777	46.9337777	46.9337236	46.9337236	46.9338059	46.9338059	46.9338059
Longitude:				-67.9069303	-67.9068728	-67.9068728	-67.9069879	-67.9069879	-67.9066205	-67.9066205	-67.9066649	-67.9066649	-67.9066649
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.001 U	0.0011 U	0.0011 J	0.00083 J	0.0011 U	0.0011 U	0.0011 U	0.0017 J	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.001 U	0.0011 U	0.00074 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00074 J	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.001 U	0.0011 U	0.00059 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00091 J	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.001 U	0.0011 U	0.0013 J	0.0011 U	0.00075 J	0.0011 U	0.0011 U	0.0018 J	0.00057 J	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.001 U	0.0011 U	0.0015 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0018 J	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.001 U	0.00058 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00074 J	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0017 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0019 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0313	0.0024	0.0061	0.0017 J	0.0026	0.0012 J	0.0011 U	0.005 J	0.0026	0.0015 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0032	0.0011 U	0.0011 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00094 J	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.291	0.0602	0.0301	0.12	0.0034	0.0349	0.0051	0.113 J	0.0373	0.0229 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00079 J	0.00082 J	0.0011 U	0.0011 U	0.0011 U	0.00068 J	0.0011 U	0.0014 J	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.001 U	0.0014 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00085 J	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.001 U	0.003	0.008	0.00079 J	0.0047	0.0011 U	0.0011 U	0.0029 J	0.0011 J	0.00075 J
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.001 U	0.0019 J	0.0015 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0025 J	0.001 J	0.00062 J
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0041	0.0069	0.0011 U	0.0011 U	0.0011 U	0.0019 J	0.0011 U	0.0044 J	0.002 J	0.0015 J
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.001 U	0.0011 UJ	0.0011 U	0.0011 UJ	0.0011 U	0.0011 UJ	0.0011 U	0.0059 U	0.0057 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				05. Structural Fire Station									
Flow Field:				4									
Location ID:				SB05017		SB05018			SB05019		SB05020		SB05021
Sample ID:				LORNG_SB05017_0-1_06042022	LORNG_SB05017_8-10_06042022	LORNG_SB05018_0-1_08042022	LORNG_SB05018_8-10_08042022	LORNG_SB05018_0-1_08042022FD	LORNG_SB05019_0-1_06042022	LORNG_SB05019_8-10_06042022	LORNG_SB05020_0-1_06042022	LORNG_SB05020_8-10_06042022	LORNG_SB05021_0-1_08172022
Sample Date:				6/4/2022	6/4/2022	8/4/2022	8/4/2022	8/4/2022	6/4/2022	6/4/2022	6/4/2022	6/4/2022	8/17/2022
Sample Depth:				0-1	8-10	0-1	8-10	0-1	0-1	8-10	0-1	8-10	0-1
Sample Type:				N	N	N	N	FD	N	N	N	N	N
Latitude:				46.9342407	46.9342407	46.9343264	46.9343264	46.9343264	46.9335916	46.9335916	46.9340183	46.9340183	46.9334737
Longitude:				-67.9066377	-67.9066377	-67.9064077	-67.9064077	-67.9064077	-67.9068676	-67.9068676	-67.9077769	-67.9077769	-67.9064317
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0012 U	0.001 J	0.0011 U	0.0011 J	0.0012 J	0.00062 J	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0012 U	0.00089 J	0.0011 U	0.0009 J	0.0006 J	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0012 U	0.0013 J	0.0011 U	0.0013 J	0.00087 J	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0012 U	0.0016 J	0.0011 U	0.0018 J	0.0013 J	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0012 U	0.00056 J	0.0011 U	0.0011 U	0.00082 J	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.00071 J	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0006 J	0.0028	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0012 U	0.002 J	0.0011 U	0.002 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00097 J	0.0012 U	0.0183	0.0206	0.0189	0.0067	0.0109	0.0075	0.00062 J	0.004
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0012 U	0.00084 J	0.0011 U	0.00084 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00058 J	0.0021 J	0.0016 J	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00057 J	0.0098	0.004	0.0012 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0012 U	0.0015 J	0.0011 U	0.0017 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				05. Structural Fire Station									
Flow Field:				4									
Location ID:				SB05021		SB05022		SB05023			SB05024		SB05025
Sample ID:				LORNG_SB05021_7-8_08172022	LORNG_SB05021_0-1_08172022FD	LORNG_SB05022_8-9_08172022	LORNG_SB05022_0-1_08172022	LORNG_SB05023_0-1_08172022	LORNG_SB05023_7-8_08172022	LORNG_SB05023_7-8_08172022FD	LORNG_SB05024_0-1_08172022	LORNG_SB05024_7-8_08172022	LORNG_SB05025_0-1_08172022
Sample Date:				8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022
Sample Depth:				7-8	0-1	8-9	0-1	0-1	7-8	7-8	0-1	7-8	0-1
Sample Type:				N	FD	N	N	N	N	FD	N	N	N
Latitude:				46.9334737	46.9334737	46.9336944	46.9336944	46.9339069	46.9339069	46.9339069	46.9342556	46.9342556	46.9346161
Longitude:				-67.9064317	-67.9064317	-67.9071599	-67.9071599	-67.9073989	-67.9073989	-67.9073989	-67.9075437	-67.9075437	-67.907306
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0016 J	0.0011 U	0.0011 U	0.0011 J	0.0011 U	0.0011 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00069 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0018 J	0.0011 U	0.0011 U	0.00079 J	0.0011 U	0.00065 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0007 J	0.0011 U	0.0012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0011 U	0.0011 J	0.0012 J	0.0011 J	0.0014 J	0.0019 J	0.00099 J	0.001 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0037	0.0087	0.0213	0.0534	0.0132	0.0189	0.101	0.0143	0.0624 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00082 J	0.0011 U	0.0011 U	0.0014 J	0.0011 U	0.0012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0022 J	0.0011 U	0.00074 J	0.0012 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.00084 J	0.0011 J	0.006	0.0011 U	0.00064 J	0.0012 U	0.0011 U	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.00054 J	0.0011 U	0.0011 U	0.0011 U	0.0007 J	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				05. Structural Fire Station									
Flow Field:				4									
Location ID:				SB05025	SB05026	SB05027		SB05028			SB05029		SB05030
Sample ID:				LORNG_SB05025_8-9_08172022	LORNG_SB05026_0-1_09132022	LORNG_SB05027_0-1_09132022	LORNG_SB05027_1-2_09132022	LORNG_SB05028_0-1_08172022	LORNG_SB05028_7-8_08172022	LORNG_SB05028_0-1_08172022FD	LORNG_SB05029_0-1_08172022	LORNG_SB05029_7-8_08172022	LORNG_SB05030_0-1_09132022
Sample Date:				8/17/2022	9/13/2022	9/13/2022	9/13/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	9/13/2022
Sample Depth:				8-9	0-1	0-1	1-2	0-1	7-8	0-1	0-1	7-8	0-1
Sample Type:				N	N	N	N	N	N	FD	N	N	N
Latitude:				46.9346161	46.9346296	46.934587	46.934587	46.9342194	46.9342194	46.9342194	46.9340046	46.9340046	46.9352528
Longitude:				-67.907306	-67.9066115	-67.9063201	-67.9063201	-67.9061738	-67.9061738	-67.9061738	-67.9066788	-67.9066788	-67.9060989
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0035 J	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0049	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00057 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0022 J	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0019 J	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0107	0.0012 U	0.0011 U	0.00087 J	0.0011 U	0.00064 J	0.0011 U	0.0011 U	0.001 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0061	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00057 J
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0024 J	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0044	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0941	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0017 J	0.0012 J	0.00085 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0093	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.407	0.0067	0.00098 J	0.0232	0.0011 U	0.0161	0.0242	0.0344	0.0237
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.00067 J	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 J	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.011 UJ	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0022 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				05. Structural Fire Station									
Flow Field:				4									
Location ID:				SB05031			SB05032	SB05033	SB05034		SB05035		
Sample ID:	LORNG_SB05031_00-01_10202023	LORNG_SB05031_01-02_10202023	LORNG_SB05031_01-02_10202023FD	LORNG_SB05032_00-02_10202023	LORNG_SB05033_00-01_10202023	LORNG_SB05034_00-01_10202023	LORNG_SB05034_08-10_10202023	LORNG_SB05035_00-01_10202023	LORNG_SB05035_05-07_10202023	LORNG_SB05035_10-12_10202023			
Sample Date:	10/20/2023	10/20/2023	10/20/2023	10/20/2023	10/20/2023	10/20/2023	10/20/2023	10/20/2023	10/20/2023	10/20/2023			
Sample Depth:	0-1	1-2	1-2	0-2	0-1	0-1	8-10	0-1	5-7	10-12			
Sample Type:	N	N	FD	N	N	N	N	N	N	N			
Latitude:	46.93442321	46.93442321	46.93442321	46.93416936	46.93378641	46.93357161	46.93357161	46.93447196	46.93447196	46.93447196			
Longitude:	-67.90592701	-67.90592701	-67.90592701	-67.90592237	-67.90619753	-67.90753372	-67.90753372	-67.90795745	-67.90795745	-67.90795745			
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0002 U	0.0002 U	0.0002 U	0.00013 J	0.0001 J	0.00029 J	0.00018 U	0.00021 U	0.0002 U	0.0002 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00006 J	0.000075 J	0.000066 J	0.000092 J	0.00012 J	0.00019 J	0.000089 U	0.000047 J	0.000099 U	0.0001 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000048 J	0.000088 J	0.00006 J	0.00016 J	0.00011 J	0.00019 J	0.000089 U	0.000053 J	0.000099 U	0.0001 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.000053 J	0.000064 J	0.000054 J	0.00011 J	0.000063 J	0.00016 J	0.000089 U	0.000057 J	0.000099 U	0.0001 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00017 J	0.00021 J	0.00018 J	0.00036	0.00015 J	0.00043	0.000089 U	0.00018 J	0.000099 U	0.0001 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00013 J	0.00016 J	0.00013 J	0.00013 J	0.00011 J	0.00027 J	0.00011 U	0.000073 J	0.00012 U	0.00013 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0001 U	0.0001 U	0.0001 U	0.00013 U	0.0001 U	0.00023 J	0.000089 U	0.0001 U	0.000099 U	0.0001 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0001 U	0.0001 U	0.0001 U	0.00013 U	0.0001 U	0.00013 J	0.000089 U	0.0001 U	0.000099 U	0.0001 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0001 U	0.0001 U	0.0001 U	0.00013 U	0.0001 U	0.000098 J	0.000089 U	0.0001 U	0.000099 U	0.0001 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0001 U	0.0001 U	0.0001 U	0.00013 U	0.0001 U	0.00012 U	0.000089 U	0.0001 U	0.000099 U	0.0001 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0001 U	0.0001 U	0.0001 U	0.00013 U	0.0001 U	0.00012 U	0.000089 U	0.0001 U	0.000099 U	0.0001 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00009 U	0.00009 U	0.000089 U	0.00011 U	0.000089 U	0.00011 U	0.000079 U	0.000091 U	0.000087 U	0.000089 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000095 U	0.000095 U	0.000094 U	0.00012 U	0.000094 U	0.00012 U	0.000083 U	0.000096 U	0.000092 U	0.000094 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00013 J	0.00032	0.00034	0.0014	0.00037	0.00027 J	0.000081 U	0.00011 J	0.00009 U	0.000091 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00012 U	0.00012 U	0.00012 U	0.00011 J	0.00012 U	0.00015 U	0.00011 U	0.00012 U	0.00012 U	0.00012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0019	0.0028	0.0023	0.006	0.0075	0.0046	0.000082 U	0.0013	0.000091 U	0.000093 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00012 U	0.00012 U	0.00012 U	0.00015 U	0.00012 U	0.00015 U	0.00011 U	0.00012 U	0.00012 U	0.00012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000097 U	0.000097 U	0.000097 U	0.00012 U	0.000096 U	0.00012 U	0.000086 U	0.000099 U	0.000095 U	0.000096 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00016 U	0.00016 U	0.00016 U	0.00021 U	0.00016 U	0.0002 U	0.00014 U	0.00017 U	0.00016 U	0.00016 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00038 U	0.00038 U	0.00038 U	0.00048 U	0.00038 U	0.00046 U	0.00033 U	0.00039 U	0.00037 U	0.00038 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00038 U	0.00038 U	0.00038 U	0.00048 U	0.00038 U	0.00046 U	0.00033 U	0.00039 U	0.00037 U	0.00038 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00039 U	0.00039 U	0.00039 U	0.00049 U	0.00039 U	0.00048 U	0.00035 U	0.0004 U	0.00038 U	0.00039 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00005 U	0.00005 U	0.00005 U	0.000064 U	0.000023 U	0.000062 U	0.000045 U	0.000051 U	0.000049 U	0.00005 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0001 U	0.0001 UJ	0.0001 U	0.00013 UJ	0.0001 U	0.00012 U	0.000089 U	0.0001 U	0.000099 U	0.0001 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.00005 U	0.00005 UJ	0.00005 U	0.000064 UJ	0.00005 U	0.000062 U	0.000045 U	0.000051 U	0.000049 U	0.00005 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00016 U	0.00016 U	0.00016 U	0.00021 U	0.00016 U	0.0002 U	0.00014 U	0.00017 U	0.00016 U	0.00016 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00016 U	0.00016 U	0.00016 U	0.00021 U	0.00016 U	0.0002 U	0.00014 U	0.00017 U	0.00016 U	0.00016 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0013 U	0.0013 U	0.0013 U	0.0016 U	0.0013 U	0.0015 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0016 U	0.0016 U	0.0016 U	0.0021 U	0.0016 U	0.002 U	0.0014 U	0.0017 U	0.0016 U	0.0016 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0002 U	0.0002 U	0.0002 U	0.00025 U	0.0002 U	0.00025 U	0.00018 U	0.00021 U	0.0002 U	0.0002 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00038 U	0.00038 U	0.00038 U	0.00048 U	0.00038 U	0.00046 U	0.00033 U	0.00039 U	0.00037 U	0.00038 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0001 U	0.0001 U	0.0001 U	0.00013 U	0.000039 J	0.00012 U	0.000089 U	0.0001 U	0.000099 U	0.0001 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0002 U	0.0002 U	0.0002 U	0.00025 U	0.0002 U	0.00025 U	0.00018 U	0.00021 U	0.0002 U	0.0002 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0032 UJ	0.0025 UJ	0.0031 U	0.0022 U	0.0026 U	0.0025 U	0.0025 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00038 U	0.00038 U	0.00038 U	0.00048 U	0.00038 U	0.00046 U	0.00033 U	0.00039 U	0.00037 U	0.00038 U
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.00038 U	0.00038 U	0.00038 U	0.00048 U	0.00038 U	0.00046 U	0.00033 U	0.00039 U	0.00037 U	0.00038 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00029 U	0.00029 U	0.00029 U	0.00037 U	0.00029 U	0.00035 U	0.00026 U	0.0003 U	0.00028 U	0.00029 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00082 U	0.00082 U	0.00082 U	0.001 U	0.00081 U	0.001 U	0.00072 U	0.00084 U	0.0008 U	0.00081 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0042 U	0.0042 U	0.0042 U	0.0052 U	0.0041 U	0.0051 U	0.0037 U	0.0042 U	0.0041 U	0.0041 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0042 U	0.0042 U	0.0042 U	0.0052 U	0.0041 U	0.0051 U	0.0037 U	0.0042 U	0.0041 U	0.0041 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				05. Structural Fire Station									
Flow Field:				4									
Location ID:				SB05036		SB05037	SB05038	SB05039	SB05040		SB05041		
Sample ID:				LORNG_SB05036_00-01_10202023	LORNG_SB05036_05-07_10202023	LORNG_SB05037_00-01_10202023	LORNG_SB05038_00-02_10202023	LORNG_SB05039_0-1_09242024	LORNG_SB05040_0-1_09242024	LORNG_SB05040_0-1_09242024FD	LORNG_SB05041_0-2_10012024	LORNG_SB05041_5-7_10012024	LORNG_SB05041_10-12_10012024
Sample Date:				10/20/2023	10/20/2023	10/20/2023	10/20/2023	9/24/2024	9/24/2024	9/24/2024	10/1/2024	10/1/2024	10/1/2024
Sample Depth:				0-1	5-7	0-1	0-2	0-1	0-1	0-1	0-2	5-7	10-12
Sample Type:				N	N	N	N	N	N	FD	N	N	N
Latitude:				46.93478145	46.93478145	46.93520575	46.93583798	46.93661598	46.93511485	46.93511485	46.93479516	46.93479516	46.93479516
Longitude:				-67.90692975	-67.90692975	-67.9075962	-67.90591228	-67.90586421	-67.90648869	-67.90648869	-67.9069296	-67.9069296	-67.9069296
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00036 J	0.00018 U	0.00029 U	0.00024 J	0.0046 U	0.005 U	0.0054 U	0.00055 U	0.00049 U	0.0041 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00029 J	0.00009 U	0.00015 U	0.00061	0.0023 U	0.0025 U	0.0027 U	0.000043 J	0.00013 U	0.002 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00024 J	0.00009 U	0.00015 U	0.00043	0.0023 U	0.0025 U	0.0027 U	0.0001 U	0.000089 U	0.002 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00017 J	0.00009 U	0.00015 U	0.00052	0.0023 U	0.0025 U	0.0027 U	0.00014 U	0.00012 U	0.002 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0005	0.00009 U	0.00009 J	0.00092	0.0023 U	0.0025 U	0.0027 U	0.000087 J	0.00012 U	0.002 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00026 J	0.00011 U	0.00018 U	0.00075	0.0023 U	0.0025 U	0.0027 U	0.000071 J	0.00012 U	0.002 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.000054 J	0.00009 U	0.00015 U	0.00035	0.0023 U	0.0025 U	0.0027 U	0.00022 U	0.0002 U	0.002 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00013 J	0.00009 U	0.00015 U	0.00036	0.0023 U	0.0025 U	0.0027 U	0.000061 J	0.000089 U	0.002 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00012 U	0.00009 U	0.00015 U	0.000068 J	0.0023 U	0.0025 U	0.0027 U	0.00014 U	0.00012 U	0.002 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00012 U	0.00009 U	0.00015 U	0.00012 U	0.0023 U	0.0025 U	0.0027 U	0.000075 U	0.000067 U	0.002 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00012 U	0.00009 U	0.00015 U	0.00012 U	0.0023 U	0.0025 U	0.0027 U	0.000075 U	0.000067 U	0.002 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000069 J	0.00008 U	0.00013 U	0.000069 J	0.0023 U	0.0025 U	0.0027 U	0.00003 J	0.000079 U	0.002 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00011 U	0.000085 U	0.00014 U	0.0001 J	0.0023 U	0.0025 U	0.0027 U	0.000094 U	0.000083 U	0.002 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0007	0.000083 U	0.00013 U	0.0024	0.0023 U	0.0025 U	0.0027 U	0.00012 J	0.000081 U	0.002 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00014 U	0.00011 U	0.00014 J	0.00016 J	0.0023 U	0.0025 U	0.0027 U	0.00014 U	0.00012 U	0.002 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0039	0.000084 U	0.00044	0.055	0.0011 J	0.0022 J	0.0027 J	0.00091	0.000059 J	0.002 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00014 U	0.00011 U	0.00017 U	0.0003	0.0023 U	0.0025 U	0.0027 U	0.00014 U	0.00012 U	0.002 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00011 U	0.000087 U	0.00014 U	0.00023 J	0.0023 U	0.0025 U	0.0027 U	0.00014 U	0.00012 U	0.002 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00019 U	0.00015 U	0.00024 U	0.00019 U	0.0023 U	0.0025 U	0.0027 U	0.00022 U	0.0002 U	0.002 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00044 U	0.00034 U	0.00055 U	0.00044 U	0.0058 U	0.0062 U	0.0067 U	0.00051 U	0.00045 U	0.0051 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00044 U	0.00034 U	0.00055 U	0.00038 J	0.0058 U	0.0062 U	0.0067 U	0.00052 U	0.00047 U	0.0051 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00046 U	0.00035 U	0.00056 U	0.0044	0.0058 U	0.0062 U	0.0067 U	0.00086 U	0.00077 U	0.0051 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000059 U	0.000045 U	0.000073 U	0.0011	0.0023 U	0.0025 U	0.0027 U	0.0001 U	0.000089 U	0.002 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00012 U	0.00009 U	0.00015 U	0.00012 U	0.0023 U	0.0025 U	0.0027 U	0.00022 U	0.0002 U	0.002 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000059 U	0.000045 U	0.000073 U	0.000058 U	0.0023 U	0.0025 U	0.0027 U	0.00014 U	0.00012 U	0.002 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00019 U	0.00015 U	0.00024 U	0.00019 UJ	0.0023 U	0.0025 U	0.0027 U	0.00022 U	0.0002 U	0.002 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00019 U	0.00015 U	0.00024 U	0.00019 U	0.0023 U	0.0025 U	0.0027 U	0.00022 U	0.0002 U	0.002 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0015 U	0.0011 U	0.0018 U	0.0015 U	0.012 U	0.012 U	0.013 U	0.00075 U	0.00067 U	0.01 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0019 U	0.0015 U	0.0024 U	0.0019 U	0.012 U	0.012 U	0.013 U	0.0005 U	0.00044 U	0.01 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00024 U	0.00018 U	0.00029 U	0.00023 U	0.0046 U	0.005 U	0.0054 U	0.00055 U	0.00049 U	0.0041 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00044 U	0.00034 U	0.00055 U	0.00044 U	0.0046 U	0.005 U	0.0054 U	0.00037 U	0.00033 U	0.0041 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.00012 U	0.00009 U	0.00015 U	0.00012 U	0.0023 U	0.0025 U	0.0027 U	0.00045 U	0.0004 U	0.002 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00024 U	0.00018 U	0.00029 U	0.00023 U	0.0023 U	0.0025 U	0.0027 U	0.0002 U	0.00018 U	0.002 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.003 U	0.0023 U	0.0036 U	0.0029 U	0.0046 U	0.005 U	0.0054 U	0.0045 U	0.004 U	0.0041 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00044 U	0.00034 U	0.00055 U	0.00044 U	0.0058 U	0.0062 U	0.0067 U	0.00051 U	0.00045 U	0.0051 U
11-Chlororeicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.00044 U	0.00034 U	0.00055 U	0.00044 U	0.0058 U	0.0062 U	0.0067 U	0.00052 U	0.00047 U	0.0051 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00034 U	0.00026 U	0.00042 U	0.00033 U	0.0023 U	0.0025 U	0.0027 U	0.00025 U	0.00022 U	0.002 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00096 U	0.00073 U	0.0012 U	0.00094 U	0.0058 U	0.0062 U	0.0067 U	0.00037 U	0.00033 U	0.0051 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0049 U	0.0037 U	0.006 U	0.0048 U	0.029 U	0.031 U	0.033 U	0.0056 U	0.005 U	0.026 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0049 U	0.0037 U	0.006 U	0.0048 U	0.029 U	0.031 U	0.033 U	0.0056 U	0.005 U	0.026 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				05. Structural Fire Station		06. Burn House							
Flow Field:				4		4							
Location ID:				SS05006	SS05007	SB06006		SB06007		SB06008		SB06009	
Sample ID:				LORNG_SS05006_0-1_06202022	LORNG_SS05007_0-1_06202022	LORNG_SB06006_0-1_08022022	LORNG_SB06006_7.5-8.5_80222	LORNG_SB06007_0-1_06162022	LORNG_SB06007_6-7_06162022	LORNG_SB06008_0-1_08022022	LORNG_SB06008_6-6.5_08022022	LORNG_SB06009_0-1_06162022	LORNG_SB06009_8-10_06162022
Sample Date:				6/20/2022	6/20/2022	8/2/2022	8/2/2022	6/16/2022	6/16/2022	8/2/2022	8/2/2022	6/16/2022	6/16/2022
Sample Depth:				0-1	0-1	0-1	7.5-8.5	0-1	6-7	0-1	6-6.5	0-1	8-10
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9348752	46.9340585	46.9238697	46.9238697	46.9239742	46.9239742	46.9236576	46.9236576	46.9240595	46.9240595
Longitude:				-67.9063726	-67.9062147	-67.8964948	-67.8964948	-67.8969041	-67.8969041	-67.8965559	-67.8965559	-67.895837	-67.895837
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.001 J	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00098 J	0.00069 J	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0007 J	0.0013 U	0.0037	0.0024 J	0.00096 U	0.001 U	0.0011 U	0.00093 J	0.001 U	0.001 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.019	0.0081	0.104	0.0209 J	0.00096 U	0.001 U	0.0049	0.037	0.002 J	0.00088 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0013 U	0.0013 U	0.00099 J	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0013 U	0.0013 U	0.0015 J	0.001 J	0.00096 U	0.001 U	0.00099 J	0.00072 J	0.001 U	0.001 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00092 J	0.0013 U	0.00095 J	0.0024 J	0.00096 U	0.001 U	0.00068 J	0.0059	0.001 U	0.001 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0013 U	0.0013 U	0.00081 J	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0013 U	0.0013 U	0.0052 U J	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0013 U	0.0013 U	0.001 U	0.0014 U	0.00096 U	0.001 U	0.0011 U	0.0013 U	0.001 U	0.001 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				06. Burn House									
Flow Field:				4									
Location ID:				SB06009	SB06010		SB06011			SB06012		SB06013	
Sample ID:				LORNG_SB06009_8-10_06162022FD	LORNG_SB06010_0-1_05312022	LORNG_SB06010_5-6_05312022	LORNG_SB06011_0-1_06162022	LORNG_SB06011_8-10_06162022	LORNG_SB06011_8-10_06162022FD	LORNG_SB06012_0-1_06162022	LORNG_SB06012_1-2_06162022	LORNG_SB06013_3-4_06162022	LORNG_SB06013_0-1_06162022
Sample Date:				6/16/2022	5/31/2022	5/31/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022
Sample Depth:				8-10	0-1	5-6	0-1	8-10	8-10	0-1	1-2	3-4	0-1
Sample Type:				FD	N	N	N	N	FD	N	N	N	N
Latitude:				46.9240595	46.924794	46.924794	46.9252698	46.9252698	46.9252698	46.9239242	46.9239242	46.924038	46.924038
Longitude:				-67.895837	-67.8955813	-67.8955813	-67.8955759	-67.8955759	-67.8955759	-67.8943728	-67.8943728	-67.8944758	-67.8944758
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00099 U	0.0016 J	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00099 U	0.0016 J	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00099 U	0.0018 J	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00099 U	0.0012 J	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00099 U	0.00075 J	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00099 U	0.0011 J	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00098 J	0.025	0.0056	0.0086	0.0012 J	0.00097 J	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00099 U	0.00076 J	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00099 U	0.00079 J	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00099 U	0.00078 J	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00099 U	0.0073 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00099 U	0.0015 U	0.0012 U	0.0012 U	0.001 U	0.0011 U	0.00098 U	0.00097 U	0.001 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				06. Burn House									
Flow Field:				4									
Location ID:				SB06014		SB06015			SB06016	SB06017	SB06018		
Sample ID:				LORNG_SB06014_0-1_08192022	LORNG_SB06014_6-7_08192022	LORNG_SB06015_0-1_08192022	LORNG_SB06015_7-8_08192022	LORNG_SB06015_0-1_08192022FD	LORNG_SB06016_0-1_09132022	LORNG_SB06017_0-1_09132022	LORNG_SB06018_00-01_10162023	LORNG_SB06018_04-06_10162023	LORNG_SB06018_09-11_10162023
Sample Date:				8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	9/13/2022	9/13/2022	10/16/2023	10/16/2023	10/16/2023
Sample Depth:				0-1	6-7	0-1	7-8	0-1	0-1	0-1	0-1	4-6	9-11
Sample Type:				N	N	N	N	FD	N	N	N	N	N
Latitude:				46.9239782	46.9239782	46.9238425	46.9238425	46.9238425	46.924793	46.9249547	46.92353254	46.92353254	46.92353254
Longitude:				-67.8964807	-67.8964807	-67.8962191	-67.8962191	-67.8962191	-67.8953566	-67.8955868	-67.89611169	-67.89611169	-67.89611169
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0019	0.00015 J	0.00022 J
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0034	0.00052	0.00087
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011	0.00026	0.00047
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013	0.00033	0.00056
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0022	0.00032	0.0007
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0025	0.00034	0.00058
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00057	0.000093 U	0.000043 J
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0003	0.000093 U	0.000095 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0001 U	0.000093 U	0.000095 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0001 U	0.000093 U	0.000095 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0001 U	0.000093 U	0.000095 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.000047 J	0.000026 J	0.000095 J
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.000053 J	0.000055 J	0.00016 J
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.00061 J	0.0013	0.00064	0.0016
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00018 J	0.000055 J	0.00014 J
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0058	0.0035	0.0052	0.0052	0.0049	0.0143	0.0092	0.048	0.011 J	0.019
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00028	0.00011 U	0.00011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0001 J	0.00009 U	0.000092 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.000093 J	0.00015 U	0.00015 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00039 U	0.00035 U	0.00036 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012	0.00034 J	0.001
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0068	0.00036 U	0.00085 J
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00047	0.000047 U	0.00015 J
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0001 U	0.000093 U	0.000095 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.000052 U	0.000047 U	0.000048 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00017 U	0.00015 U	0.00015 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00017 U	0.00015 U	0.00015 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0013 U	0.0012 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0017 U	0.0015 U	0.0015 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	0.00021 U	0.00019 U	0.00019 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00039 U	0.00035 U	0.00036 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0001 U	0.000093 U	0.000095 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00021 U	0.00019 U	0.00019 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0026 U	0.0023 U	0.0024 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00039 U	0.00035 U	0.00036 U
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00039 U	0.00035 U	0.00036 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0003 U	0.00027 U	0.00027 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.00085 U	0.00076 U	0.00077 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0024 J	0.0039 U	0.0039 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	0.0043 U	0.0039 U	0.0039 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				06. Burn House									
Flow Field:				4									
Location ID:				SB06018	SB06019			SB06020		SB06021	SB06022		
Sample ID:				LORNG_SB06018_04-06_10162023FD	LORNG_SB06019_00-01_10162023	LORNG_SB06019_04-06_10162023	LORNG_SB06019_08-10_10162023	LORNG_SB06020_00-01_10162023	LORNG_SB06020_04-06_10162023	LORNG_SB06021_00-02_10162023	LORNG_SB06022_00-01_10162023	LORNG_SB06022_03-04_10162023	LORNG_SB06022_00-01_10162023FD
Sample Date:				10/16/2023	10/16/2023	10/16/2023	10/16/2023	10/16/2023	10/16/2023	10/16/2023	10/16/2023	10/16/2023	10/16/2023
Sample Depth:				4-6	0-1	4-6	8-10	0-1	4-6	0-2	0-1	3-4	0-1
Sample Type:				FD	N	N	N	N	N	N	N	N	FD
Latitude:				46.92353254	46.9234719	46.9234719	46.9234719	46.92368749	46.92368749	46.92457097	46.92494995	46.92494995	46.92494995
Longitude:				-67.89611169	-67.89658788	-67.89658788	-67.89658788	-67.89704781	-67.89704781	-67.89530399	-67.89531998	-67.89531998	-67.89531998
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00015 J	0.0016	0.0002 U	0.00011 J	0.00028 U	0.00021 U	0.0002 U	0.0016	0.0002 U	0.00019 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00052	0.002	0.00021 J	0.00031 J	0.000076 J	0.000041 J	0.000069 J	0.002	0.000063 J	0.0001 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00027	0.00089	0.00012 J	0.00018 J	0.00014 U	0.000039 J	0.000044 J	0.00094	0.00003 J	0.000055 J
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0003	0.00097	0.00019 J	0.00027	0.00014 U	0.000037 J	0.000042 J	0.0011	0.00001 U	0.000072 J
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00037	0.002	0.00017 J	0.00028	0.00032 J	0.00018 J	0.00009 J	0.0023	0.0001 U	0.000078 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00044	0.0016	0.0001 J	0.00024 J	0.00098	0.00033	0.00013 U	0.0018	0.00013 U	0.00012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.000097 U	0.00056	0.0001 U	0.0001 U	0.000076 J	0.0001 U	0.0001 U	0.00067	0.0001 U	0.000097 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000097 U	0.00053	0.0001 U	0.00001 U	0.000093 J	0.0001 U	0.0001 U	0.00067	0.0001 U	0.000097 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.000097 U	0.000045 J	0.0001 U	0.0001 U	0.00014 U	0.0001 U	0.0001 U	0.000053 J	0.0001 U	0.000097 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000097 U	0.0001 U	0.0001 U	0.0001 U	0.00014 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000097 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.000097 U	0.0001 U	0.0001 U	0.0001 U	0.00014 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000097 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000023 J	0.000092 J	0.000089 U	0.000089 U	0.00012 U	0.000092 U	0.00009 U	0.000068 J	0.000089 U	0.000086 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000055 J	0.000094 U	0.000094 U	0.000094 U	0.00013 U	0.000098 U	0.000095 U	0.000095 U	0.000094 U	0.000091 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00068	0.000095 J	0.000045 J	0.000091 U	0.00081	0.00037	0.0001 J	0.000099 J	0.000033 J	0.000088 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.000056 J	0.00012 U	0.00012 U	0.00012 U	0.00028 J	0.000082 J	0.00012 U	0.00012 U	0.00012 U	0.00011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.015 J	0.0033	0.00025	0.00018 J	0.02	0.0048	0.0012	0.0039 J	0.00076	0.00087 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00017 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000093 U	0.000096 U	0.000096 U	0.000096 U	0.00013 U	0.0001 U	0.000097 U	0.000098 U	0.000097 U	0.000093 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.00023 U	0.00017 U	0.00016 U	0.00017 U	0.00016 U	0.00016 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00036 U	0.00038 U	0.00038 U	0.00038 U	0.00053 U	0.00039 U	0.00038 U	0.00038 U	0.00038 U	0.00036 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00034 J	0.00071 J	0.00054 J	0.0006 J	0.00053 U	0.00039 U	0.00038 U	0.0012	0.00038 U	0.00036 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00022 J	0.0048	0.0012	0.0021	0.00054 U	0.0004 U	0.00039 U	0.0077	0.00039 U	0.00037 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000048 U	0.00005 U	0.00005 U	0.00005 U	0.000085 J	0.000052 U	0.000051 U	0.000051 U	0.00005 U	0.000048 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.000097 UJ	0.0001 U	0.0001 U	0.0001 U	0.00014 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000097 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000048 UJ	0.00005 U	0.00005 U	0.00005 U	0.00007 U	0.000052 U	0.000051 U	0.000051 U	0.00005 U	0.000048 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.00023 U	0.00017 U	0.00016 U	0.00017 U	0.00016 U	0.00016 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.00023 U	0.00017 U	0.00016 U	0.00017 U	0.00016 U	0.00016 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0018 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0023 U	0.0017 U	0.0016 U	0.0017 U	0.0016 U	0.0016 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00019 U	0.0002 U	0.0002 U	0.0002 U	0.00028 U	0.00021 U	0.0002 U	0.0002 U	0.0002 U	0.00019 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00036 U	0.00038 U	0.00038 U	0.00038 U	0.00053 U	0.00039 U	0.00038 U	0.00038 U	0.00038 U	0.00036 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.000097 U	0.0001 U	0.0001 U	0.0001 U	0.00014 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000097 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00019 U	0.0002 U	0.0002 U	0.0002 U	0.00028 U	0.00021 U	0.0002 U	0.0002 U	0.0002 U	0.00019 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0024 U	0.0025 U	0.0025 U	0.0025 U	0.0035 U	0.0026 U	0.0025 U	0.0025 U	0.0025 U	0.0024 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00036 U	0.00038 U	0.00038 U	0.00038 U	0.00053 U	0.00039 U	0.00038 U	0.00038 U	0.00038 U	0.00036 U
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.00036 U	0.00038 U	0.00038 U	0.00038 U	0.00053 U	0.00039 U	0.00038 U	0.00038 U	0.00038 U	0.00036 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00028 U	0.00029 U	0.00029 U	0.00029 U	0.0004 U	0.0003 U	0.00029 U	0.00029 U	0.00029 U	0.00028 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00079 U	0.00081 U	0.00081 U	0.00081 U	0.0011 U	0.00085 U	0.00082 U	0.00083 U	0.00082 U	0.00079 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.004 U	0.0041 U	0.0041 U	0.0041 U	0.0058 U	0.0043 U	0.0042 U	0.0042 U	0.0041 U	0.004 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.004 U	0.0041 U	0.0041 U	0.0041 U	0.0058 U	0.0043 U	0.0042 U	0.0042 U	0.0041 U	0.004 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				06. Burn House								07. Crash Fire Station	
Flow Field:				4								4	
Location ID:				SB06023		SB06024	SB06025	SB06026				LYS07007	LYS07007DDUP
Sample ID:				LORNG_SB06023_8-10_09262024	LORNG_SB06023_0-1_09262024	LORNG_SB06024_0-1_09262024	LORNG_SB06025_0-1_09252024	LORNG_SB06026_0-1_09262024	LORNG_SB06026_10-12_09262024	LORNG_SB06026_5-7_09262024	LORNG_SB06026_10-12_09262024FD	LORNG_LYS07007_18-20_08052022	LORNG_LYS07007DDUP_08082022
Sample Date:				9/26/2024	9/26/2024	9/26/2024	9/25/2024	9/26/2024	9/26/2024	9/26/2024	9/26/2024	8/5/2022	8/8/2022
Sample Depth:				8-10	0-1	0-1	0-1	0-1	10-12	5-7	10-12	18-20	8-10
Sample Type:				N	N	N	N	N	N	N	FD	N	N
Latitude:				46.92351776	46.92351776	46.924821	46.923619	46.92308314	46.92308314	46.92308314	46.92308314	46.9436288	46.9436276
Longitude:				-67.89534366	-67.89534366	-67.894746	-67.89744	-67.89606483	-67.89606483	-67.89606483	-67.89606483	-67.8902486	-67.8902497
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0042 U	0.0047 U	0.004 U	0.0053 U	0.0054 U	0.0042 U	0.0046 U	0.0043 U	0.000963 U	0.00057 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000496 J	0.00093 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000811 J	0.0013
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00059 J
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000671 J	0.0034
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00045 J
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000753 J	0.00073 J
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.00117 J	0.0014
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.00791	0.0204
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.0038
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0021 U	0.0042 J	0.0029 J	0.0063 J	0.002 J	0.0021 U	0.0023 U	0.0022 U	0.0127	0.102
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0053 U	0.0059 U	0.005 U	0.0066 U	0.0067 U	0.0053 U	0.0057 U	0.0054 U	0.000963 U	0.00057 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0053 U	0.0059 U	0.005 U	0.0066 U	0.0067 U	0.0053 U	0.0057 U	0.0054 U	0.00284	0.0103
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0053 U	0.0059 U	0.005 U	0.0066 U	0.0067 U	0.0053 U	0.0057 U	0.0054 U	0.000963 U	0.0004 J
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	0.000963 U	0.00057 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.011 U	0.012 U	0.01 U	0.013 U	0.013 U	0.011 U	0.011 U	0.011 U	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.011 U	0.012 U	0.01 U	0.013 U	0.013 U	0.011 U	0.011 U	0.011 U	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0042 U	0.0047 U	0.004 U	0.0053 U	0.0054 U	0.0042 U	0.0046 U	0.0043 U	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.0042 U	0.0047 U	0.004 U	0.0053 U	0.0054 U	0.0042 U	0.0046 U	0.0043 U	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0042 U	0.0047 U	0.004 U	0.0053 U	0.0054 U	0.0042 U	0.0046 U	0.0043 U	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0053 U	0.0059 U	0.005 U	0.0066 U	0.0067 U	0.0053 U	0.0057 U	0.0054 U	NA	NA
11-Chlororicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.0053 U	0.0059 U	0.005 U	0.0066 U	0.0067 U	0.0053 U	0.0057 U	0.0054 U	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.0021 U	0.0024 U	0.002 U	0.0026 U	0.0027 U	0.0021 U	0.0023 U	0.0022 U	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0053 U	0.0059 U	0.005 U	0.0066 U	0.0067 U	0.0053 U	0.0057 U	0.0054 U	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.027 U	0.03 U	0.025 U	0.033 U	0.033 U	0.026 U	0.028 U	0.027 U	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.027 U	0.03 U	0.025 U	0.033 U	0.033 U	0.026 U	0.028 U	0.027 U	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				07. Crash Fire Station									
Flow Field:				4									
Location ID:				LYS07007SDUP	SB07004			SB07005		SB07006		SB07007	
Sample ID:				LORNG_LYS07007SDU P_08082022	LORNG_SB07004_0- 1_05202022	LORNG_SB07004_8- 10_05202022	LORNG_SB07004_8- 10_05202022FD	LORNG_SB07005_0- 1_05202022	LORNG_SB07005_8- 10_05202022	LORNG_SB07006_0- 1_05202022	LORNG_SB07006_8- 10_05202022	LORNG_SB07007_0- 1_05202022	LORNG_SB07007_8- 9_05202022
Sample Date:				8/8/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022
Sample Depth:				0-3	0-1	8-10	8-10	0-1	8-10	0-1	8-10	0-1	8-9
Sample Type:				N	N	N	FD	N	N	N	N	N	N
Latitude:				46.9436235	46.943143	46.943143	46.943143	46.9434678	46.9434678	46.9436745	46.9436745	46.9436261	46.9436261
Longitude:				-67.8902558	-67.8896497	-67.8896497	-67.8896497	-67.8898851	-67.8898851	-67.8896364	-67.8896364	-67.8902526	-67.8902526
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00055 U	0.0015 J	0.0011 U	0.001 U	0.0022 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00046 J	0.0056	0.0014 J	0.0012 J	0.0059	0.0011 J	0.0011 U	0.0011 U	0.0016 J	0.002 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00039 J	0.0022 J	0.0007 J	0.00056 J	0.0016 J	0.00057 J	0.0011 U	0.0011 U	0.0007 J	0.0022 J
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00055 U	0.0035	0.0011 U	0.001 U	0.0029	0.0011 U	0.0011 U	0.0011 U	0.00066 J	0.0018 J
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00053 J	0.0047	0.002 J	0.0015 J	0.005	0.0048	0.00064 J	0.0011 U	0.0015 J	0.0235 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00041 J	0.003	0.0011 U	0.001 U	0.0039	0.0014 J	0.00085 J	0.0011 U	0.0013 J	0.0007 J
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00055 U	0.0015 J	0.0011 U	0.001 U	0.00081 J	0.0011 U	0.0011 U	0.0011 U	0.00063 J	0.0012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00055 U	0.0046	0.0011 U	0.001 U	0.0026	0.0011 U	0.0011 U	0.0011 U	0.0012 J	0.0012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00055 U	0.0008 J	0.0011 U	0.001 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00055 U	0.0014 U	0.0011 U	0.001 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00055 U	0.0014 U	0.0011 U	0.001 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00055 U	0.0014 U	0.0011 U	0.001 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 J
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00055 U	0.0014 U	0.0011 U	0.001 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0034
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0032	0.0046	0.0051	0.0041	0.0038	0.0156	0.00075 J	0.0018 J	0.004	0.127
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00054 J	0.0014 U	0.00059 J	0.001 U	0.0013 U	0.0051	0.0011 U	0.0011 U	0.00073 J	0.0257 J
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.302	0.0825	0.0038 J	0.0014 J	0.124	0.0196	0.033	0.0011 U	0.223	0.0012 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0013	0.0019 J	0.0011 U	0.001 U	0.0024 J	0.0011 U	0.0011 U	0.0011 U	0.004	0.0012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00055 U	0.0072	0.0011 U	0.001 U	0.0035	0.0011 U	0.0011 U	0.0011 U	0.0014 J	0.0012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00055 U	0.0014 U	0.0011 U	0.001 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0016	0.0042	0.0169	0.0126	0.00076 J	0.0147	0.0011 U	0.0011 U	0.00079 J	0.0735 J
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011	0.0055	0.0011 U	0.001 U	0.0017 J	0.0011 U	0.0011 U	0.0011 U	0.00092 J	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0003 J	0.0268	0.0011 U	0.001 U	0.0047	0.0011 U	0.0011 U	0.0011 U	0.0016 J	0.0024 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00055 U	0.0014 J	0.0011 U	0.001 U	0.0025 U	0.0054 U	0.0011 U	0.0011 U	0.0055 U	0.0024 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00055 U	0.0014 U	0.0011 U	0.001 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00055 U	0.0014 U	0.0011 U	0.001 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				07. Crash Fire Station									
Flow Field:				4									
Location ID:				SB07008		SB07009		SB07010		SB07011		SB07012	
Sample ID:				LORNG_SB07008_0-1_05202022	LORNG_SB07008_8-10_05202022	LORNG_SB07009_0-1_05202022	LORNG_SB07009_8-9_05202022	LORNG_SB07010_0-1_05202022	LORNG_SB07010_8-10_05202022	LORNG_SB07011_0-1_05202022	LORNG_SB07011_8-10_05202022	LORNG_SB07012_8-10_05202022	LORNG_SB07012_0-1_05202022
Sample Date:				5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022	5/20/2022
Sample Depth:				0-1	8-10	0-1	8-10	0-1	8-10	0-1	8-10	8-10	0-1
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9436951	46.9436951	46.9433653	46.9433653	46.9426803	46.9426803	46.942768	46.942768	46.9426778	46.9426778
Longitude:				-67.8908017	-67.8908017	-67.8914932	-67.8914932	-67.8910907	-67.8910907	-67.8905215	-67.8905215	-67.889674	-67.889674
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0013 J	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.002 J	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0016 J	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00067 J	0.0011 U	0.0011 U	0.001 U	0.00067 J	0.0011 U	0.00091 J	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0015 J	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.00079 J	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0027	0.0011 U	0.0011 U	0.001 U	0.00098 J	0.0011 U	0.0028	0.0011 U	0.0011 U	0.001 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0025	0.0011 U	0.0011 U	0.001 U	0.00075 J	0.0011 U	0.0013 J	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 J	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0027	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.00071 J	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0016 J	0.00057 J	0.0011 U	0.001 U	0.0025	0.0011 U	0.0095	0.0021	0.0011 U	0.0018 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0239	0.0016 J	0.0055	0.00074 J	0.0253	0.0128	0.112	0.0173	0.0012 J	0.0215
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0034	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0022	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.002 J	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 J	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0011 J	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0025	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0018 J	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0034 J	0.0011 U	0.0011 U	0.0053 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.006 U	0.0011 U	0.0011 U	0.001 U	0.0058 U	0.0011 U	0.0054 UJ	0.0011 U	0.0011 U	0.0053 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				07. Crash Fire Station									
Flow Field:				4									
Location ID:				SB07012	SB07013		SB07014		SB07015		SB07016		SB07017
Sample ID:				LORNG_SB07012_8-10_05202022FD	LORNG_SB07013_0-1_05202022	LORNG_SB07013_6-7_05202022	LORNG_SB07014_0-1_05212022	LORNG_SB07014_8-10_05212022	LORNG_SB07015_0-1_08042022	LORNG_SB07015_8-10_08042022	LORNG_SB07016_0-1_08202022	LORNG_SB07016_8-10_08202022	LORNG_SB07017_0-1_08202022
Sample Date:				5/20/2022	5/20/2022	5/20/2022	5/21/2022	5/21/2022	8/4/2022	8/4/2022	8/20/2022	8/20/2022	8/20/2022
Sample Depth:				8-10	0-1	6-7	0-1	8-10	0-1	8-10	0-1	8-10	0-1
Sample Type:				FD	N	N	N	N	N	N	N	N	N
Latitude:				46.9426778	46.9420281	46.9420281	46.9417946	46.9417946	46.9434406	46.9434406	46.9439664	46.9439664	46.9437213
Longitude:				-67.889674	-67.8897639	-67.8897639	-67.8907982	-67.8907982	-67.8901212	-67.8901212	-67.8904268	-67.8904268	-67.8914581
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0019 J	0.0048	0.0011 J	0.0011 U	0.0012 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0013 J	0.0044	0.00069 J	0.0011 U	0.0012 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0016 J	0.004	0.0014 J	0.0011 U	0.0012 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0039	0.0252	0.00098 J	0.0011 U	0.0012 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0019 J	0.0018 J	0.0012 U	0.0011 U	0.0012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0014 J	0.0012 U	0.0012 U	0.0011 U	0.0012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0019 J	0.0012 U	0.0012 U	0.0011 U	0.0012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 J	0.0012 U	0.0011 U	0.0012 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0039	0.0012 U	0.0011 U	0.0012 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.00057 J	0.0058	0.0011 U	0.001 U	0.0062	0.0924	0.001 J	0.0011 U	0.0012 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0033	0.0012 U	0.0011 U	0.0012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.007	0.0164	0.0014 J	0.001 U	0.172	0.249	0.0243	0.0058	0.0037
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0076	0.0012 U	0.0012 U	0.0011 U	0.0012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0048	0.0012 U	0.00063 J	0.0011 U	0.0012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0018 J	0.0913	0.0012 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0046	0.0036	0.00096 J	0.0011 U	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0119	0.0012 U	0.0012 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0057 U	0.0011 U	0.0056 U	0.001 U	0.0011 U	0.0062 U	0.0012 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				07. Crash Fire Station									
Flow Field:				4									
Location ID:				SB07017		SB07018			SB07019				
Sample ID:				LORNG_SB07017_8-10_08202022	LORNG_SB07017_0-1_08202022FD	LORNG_SB07018_0-1_08202022	LORNG_SB07018_8-10_08202022	LORNG_SB07018_8-10_08202022FD	LORNG_SB07019_0-1_08192022	LORNG_SB07019_9-10_08192022	LORNG_SB07019_8-9_08192022	LORNG_SB07019_0-1_08192022S	LORNG_SB07019_8-9_08192022FD
Sample Date:				8/20/2022	8/20/2022	8/20/2022	8/20/2022	8/20/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022
Sample Depth:				8-10	0-1	0-1	8-10	8-10	0-1	9-10	8-9	0-1	8-9
Sample Type:				N	FD	N	N	FD	N	N	N	FD	FD
Latitude:				46.9437213	46.9437213	46.9423411	46.9423411	46.9423411	46.9421811	46.9421811	46.9421811	46.9421811	46.9421811
Longitude:				-67.8914581	-67.8914581	-67.8918547	-67.8918547	-67.8918547	-67.8902202	-67.8902202	-67.8902202	-67.8902202	-67.8902202
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.00072 J	0.00089 J	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0011 U	0.0018 J	0.0023 J	0.0011 U	0.0012 J	0.0011 U	0.000996 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0029	0.0075	0.0012 U	0.0012 U	0.0013 J	0.0057	0.0011 U	0.00153 J	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 UJ	0.006 UJ	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 UJ	0.006 UJ	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.000996 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				07. Crash Fire Station									
Flow Field:				4									
Location ID:				SB07020	SB07021			SB07022		SB07023		SB07024	
Sample ID:				LORNG_SB07020_0-1_08192022	LORNG_SB07021_0-1_08202022	LORNG_SB07021_8-10_08202022	LORNG_SB07021_8-10_08202022FD	LORNG_SB07022_0-1_08202022	LORNG_SB07022_8-10_08202022	LORNG_SB07023_0-1_08202022	LORNG_SB07023_7-8_08202022	LORNG_SB07024_0-1_08202022	LORNG_SB07024_8-10_08202022
Sample Date:				8/19/2022	8/20/2022	8/20/2022	8/20/2022	8/20/2022	8/20/2022	8/20/2022	8/20/2022	8/20/2022	8/20/2022
Sample Depth:				0-1	0-1	8-10	8-10	0-1	8-10	0-1	7-8	0-1	8-10
Sample Type:				N	N	N	FD	N	N	N	N	N	N
Latitude:				46.9417143	46.9422781	46.9422781	46.9422781	46.9431337	46.9431337	46.9435259	46.9435259	46.9440042	46.9440042
Longitude:				-67.8897337	-67.889499	-67.889499	-67.889499	-67.8891889	-67.8891889	-67.8891158	-67.8891158	-67.8895223	-67.8895223
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.00057 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.00073 J	0.0011 U	0.0011 U	0.002 J	0.0011 U	0.00058 J	0.0019 J	0.0011 U	0.0014 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0099	0.0011 U	0.0011 U	0.0362	0.0011 U	0.0142	0.0012 U	0.0128	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00075 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00076 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 J	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				07. Crash Fire Station									
Flow Field:				4									
Location ID:				SB07024	SB07025		SB07026			SB07027			
Sample ID:				LORNG_SB07024_0-1_08202022FD	LORNG_SB07025_0-1_08202022	LORNG_SB07025_8-10_08202022	LORNG_SB07026_00-01_10202023	LORNG_SB07026_06-08_10202023	LORNG_SB07026_13-15_10202023	LORNG_SB07027_00-01_10202023	LORNG_SB07027_06-08_10202023	LORNG_SB07027_13-15_10202023	LORNG_SB07027_06-08_10202023FD
Sample Date:				8/20/2022	8/20/2022	8/20/2022	10/20/2023	10/20/2023	10/20/2023	10/20/2023	10/20/2023	10/20/2023	10/20/2023
Sample Depth:				0-1	0-1	8-10	0-1	6-8	13-15	0-1	6-8	13-15	6-8
Sample Type:				FD	N	N	N	N	N	N	N	N	FD
Latitude:				46.9440042	46.9437781	46.9437781	46.94286189	46.94286189	46.94286189	46.94339682	46.94339682	46.94339682	46.94339682
Longitude:				-67.8895223	-67.8898999	-67.8898999	-67.88769664	-67.88769664	-67.88769664	-67.88789358	-67.88789358	-67.88789358	-67.88789358
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0011 U	0.0011 U	0.00049 J	0.00018 U	0.00019 U	0.002 U	0.00016 J	0.000099 J	0.00015 J
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.00082 J	0.0011 U	0.00093	0.00011 J	0.000049 J	0.00048 J	0.00039 J	0.00041 J	0.00035 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.0011 U	0.0011 U	0.00047	0.00012 J	0.00006 J	0.0005 J	0.0008	0.00093	0.00081
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0011 U	0.0011 U	0.00077	0.000084 J	0.000036 J	0.00099 U	0.00038 J	0.00028	0.00026 J
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.00062 J	0.0011 J	0.0012	0.00015 J	0.000053 J	0.0011 J	0.0068	0.0018	0.0045
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0011 J	0.0011 U	0.00099	0.00012 J	0.00012 U	0.00072 J	0.00056 J	0.00012 U	0.0003 J
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0011 U	0.0011 U	0.00044	0.000071 J	0.000096 U	0.00099 U	0.000037 J	0.000094 U	0.000094 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.00048	0.000091 U	0.000096 U	0.00099 U	0.000096 U	0.000094 U	0.000094 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.000041 J	0.000091 U	0.000096 U	0.00099 U	0.000096 U	0.000094 U	0.000094 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0001 U	0.000091 U	0.000096 U	0.00099 U	0.000096 U	0.000094 U	0.000094 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0001 U	0.000091 U	0.000096 U	0.00099 U	0.000096 U	0.000094 U	0.000094 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0011 U	0.0011 U	0.000033 J	0.000081 U	0.000085 U	0.00025 J	0.00042	0.00076	0.00036
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.000037 J	0.000085 U	0.00009 U	0.00045 J	0.00095	0.0012	0.00071
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 U	0.0027	0.0044	0.00078	0.00068	0.0003	0.0077	0.033 J	0.012	0.02 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.000059 J	0.00011 U	0.00011 U	0.00089 J	0.0051 J	0.00011 U	0.0029 J
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0128	0.112	0.0011 U	0.0068	0.005	0.0013	0.23	0.066 J	0.000087 U	0.066 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0002 J	0.00011 U	0.00012 U	0.0012 U	0.000082 J	0.00011 U	0.00011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.00012 J	0.000088 U	0.000093 U	0.00095 U	0.00014 J	0.000091 U	0.00009 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	0.00016 U	0.00015 U	0.00016 U	0.0016 U	0.00016 U	0.00015 U	0.00015 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.00038 U	0.00034 U	0.00036 U	0.0037 U	0.00036 U	0.00035 U	0.00035 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.00055 J	0.00017 J	0.00036 U	0.0037 U	0.00046 J	0.00035 U	0.00043 J
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0035	0.00035 U	0.00037 U	0.0038 U	0.00021 J	0.00036 U	0.00036 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0002 J	0.00063	0.000048 U	0.0068	0.0019 J	0.000047 U	0.00039 J
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0001 U	0.000091 U	0.000096 U	0.00099 U	0.000096 U	0.000094 U	0.000094 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	0.00005 U	0.000046 U	0.000048 U	0.0005 U	0.000048 U	0.000047 U	0.000047 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.00016 U	0.00015 U	0.00016 U	0.0016 U	0.00016 U	0.00015 U	0.00015 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.00016 U	0.00015 U	0.00016 U	0.0016 U	0.00016 U	0.00015 U	0.00015 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	0.0013 U	0.0011 U	0.0012 U	0.012 U	0.0012 U	0.0012 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	0.0016 U	0.0015 U	0.0016 U	0.016 U	0.0016 U	0.0015 U	0.0015 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	0.0002 U	0.00018 U	0.00019 U	0.002 U	0.00019 U	0.00019 U	0.00019 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	0.00038 U	0.00034 U	0.00036 U	0.0037 U	0.00036 U	0.00035 U	0.00035 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	0.0001 U	0.000091 U	0.000096 U	0.00099 U	0.000096 U	0.000094 U	0.000094 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	0.0002 U	0.00018 U	0.00019 U	0.002 U	0.00019 U	0.00019 U	0.00019 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	0.0025 U	0.0023 U	0.0024 U	0.025 U	0.0024 U	0.0024 U	0.0023 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	0.00038 U	0.00034 U	0.00036 U	0.0037 U	0.00036 U	0.00035 U	0.00035 U
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	NA	NA	NA	0.00038 U	0.00034 U	0.00036 U	0.0037 U	0.00036 U	0.00035 U	0.00035 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	0.00029 U	0.00026 U	0.00028 U	0.0028 U	0.00028 U	0.00027 U	0.00027 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	0.00082 U	0.00074 U	0.00078 U	0.008 U	0.00078 U	0.00076 U	0.00076 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	0.0042 U	0.0038 U	0.004 U	0.041 U	0.004 U	0.0039 U	0.0039 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	0.0042 U	0.0038 U	0.004 U	0.041 U	0.004 U	0.0039 U	0.0039 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				07. Crash Fire Station									
Flow Field:				4									
Location ID:				SB07028		SB07029		SB07030			SB07031		SB07032
Sample ID:				LORNG_SB07028_00-01_10212023	LORNG_SB07028_06-08_10212023	LORNG_SB07029_00-01_10212023	LORNG_SB07029_04-06_10212023	LORNG_SB07030_7-9_09252024	LORNG_SB07030_0-1_09252024	LORNG_SB07030_15-17_09252024	LORNG_SB07031_0-1_09252024	LORNG_SB07031_0-1_09252024FD	LORNG_SB07032_0-1_09252024
Sample Date:				10/21/2023	10/21/2023	10/21/2023	10/21/2023	9/25/2024	9/25/2024	9/25/2024	9/25/2024	9/25/2024	9/25/2024
Sample Depth:				0-1	6-8	0-1	4-6	7-9	0-1	15-17	0-1	0-1	0-1
Sample Type:				N	N	N	N	N	N	N	N	FD	N
Latitude:				46.94440691	46.94440691	46.94440016	46.94440016	46.94362164	46.94362164	46.94362164	46.94310513	46.94310513	46.943483
Longitude:				-67.88983958	-67.88983958	-67.89044656	-67.89044656	-67.8879656	-67.8879656	-67.8879656	-67.88791564	-67.88791564	-67.88704099
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00018 U	0.00022 U	0.0002 U	0.00019 U	0.0049 U	0.0042 U	0.0044 U	0.0041 U	0.0044 U	0.0043 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.000092 U	0.00011 U	0.000053 J	0.000097 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0018 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000092 U	0.000049 J	0.000033 J	0.000097 U	0.0011 J	0.0014 J	0.00059 J	0.002 U	0.0022 U	0.0021 J
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.000092 U	0.00011 U	0.000035 J	0.000097 U	0.0024 U	0.0021 U	0.00022 U	0.002 U	0.0022 U	0.0021 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.000092 U	0.000062 J	0.000099 U	0.000097 U	0.011	0.0009 J	0.0014 J	0.002 U	0.00055 J	0.0023 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00011 U	0.00014 U	0.00012 U	0.00012 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0016 J
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.000092 U	0.00011 U	0.000099 U	0.000097 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.00096 J
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000092 U	0.00011 U	0.000099 U	0.000097 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.000092 U	0.00011 U	0.000099 U	0.000097 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000092 U	0.00011 U	0.000099 U	0.000097 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.000092 U	0.00011 U	0.000099 U	0.000097 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000081 U	0.000097 U	0.000088 U	0.000086 U	0.0024 U	0.0028 J	0.0022 U	0.002 U	0.0022 U	0.0021 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000086 U	0.0001 U	0.000093 U	0.000091 U	0.0014 J	0.0038 J	0.0022 U	0.002 U	0.0022 U	0.0021 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00014 J	0.00051	0.000078 J	0.000088 U	0.0798	0.0252	0.0127	0.0017 J	0.0023 J	0.0219
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00011 U	0.00013 U	0.00012 U	0.00012 U	0.0079	0.0028 J	0.00084 J	0.002 U	0.0022 U	0.0021 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00017 J	0.0001 U	0.00033	0.00029	0.0026 J	0.141	0.0493	0.0109	0.0125	0.136
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00011 U	0.00013 U	0.00012 U	0.00012 U	0.0024 U	0.001 J	0.0022 U	0.002 U	0.0022 U	0.0011 J
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000088 U	0.00011 U	0.000096 U	0.000093 U	0.0024 U	0.0012 J	0.0022 U	0.002 U	0.0022 U	0.0021 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00015 U	0.00018 U	0.00016 U	0.00016 U	0.0024 U	0.0036 J	0.0022 U	0.002 U	0.0022 U	0.0021 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00034 U	0.00041 U	0.00037 U	0.00036 U	0.0061 U	0.0053 U	0.0055 U	0.0051 U	0.0055 U	0.0053 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00034 U	0.00041 U	0.00037 U	0.00036 U	0.0061 U	0.0053 U	0.0055 U	0.0051 U	0.0055 U	0.0053 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00035 U	0.00042 U	0.00039 U	0.00038 U	0.0061 U	0.0053 U	0.0055 U	0.0051 U	0.0055 U	0.0053 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000046 U	0.000055 U	0.00005 U	0.000048 U	0.0024 U	0.0037 J	0.0022 U	0.002 U	0.0022 U	0.002 J
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.000092 U	0.00011 U	0.000099 U	0.000097 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000046 U	0.000055 U	0.00005 U	0.000048 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00015 U	0.00018 U	0.00016 U	0.00016 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00015 U	0.00018 U	0.00016 U	0.00016 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0011 U	0.0014 U	0.0012 U	0.0012 U	0.012 U	0.011 U	0.011 U	0.01 U	0.011 U	0.011 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0015 U	0.0018 U	0.00073 U	0.0016 U	0.012 U	0.011 U	0.011 U	0.01 U	0.011 U	0.011 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00018 U	0.00022 U	0.0002 U	0.00019 U	0.0049 U	0.0042 U	0.0044 U	0.0041 U	0.0044 U	0.0043 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00034 U	0.00041 U	0.00037 U	0.00036 U	0.0049 U	0.0042 U	0.0044 U	0.0041 U	0.0044 U	0.0043 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.000092 U	0.00011 U	0.000099 U	0.000097 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00018 U	0.00022 U	0.0002 U	0.00019 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0023 U	0.0027 U	0.0025 U	0.0024 U	0.0049 U	0.0042 U	0.0044 U	0.0041 U	0.0044 U	0.0043 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00034 U	0.00041 U	0.00037 U	0.00036 U	0.0061 U	0.0053 U	0.0055 U	0.0051 U	0.0055 U	0.0053 U
11-Chlororeicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.00034 U	0.00041 U	0.00037 U	0.00036 U	0.0061 U	0.0053 U	0.0055 U	0.0051 U	0.0055 U	0.0053 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00026 U	0.00031 U	0.00029 U	0.00028 U	0.0024 U	0.0021 U	0.0022 U	0.002 U	0.0022 U	0.0021 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00074 U	0.00089 U	0.00081 U	0.00079 U	0.0061 U	0.0053 U	0.0055 U	0.0051 U	0.0055 U	0.0053 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0038 U	0.0045 U	0.0041 U	0.004 U	0.031 U	0.026 U	0.028 U	0.025 U	0.027 U	0.027 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0038 U	0.0045 U	0.0041 U	0.004 U	0.031 U	0.026 U	0.028 U	0.025 U	0.027 U	0.027 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				07. Crash Fire Station									
Flow Field:				4									
Location ID:				SB07032	SB07033			SB07034				SB07035	
Sample ID:				LORNG_SB07032_7-9_09252024	LORNG_SB07033_10-12_09252024	LORNG_SB07033_18-20_09252024	LORNG_SB07033_0-1_09252024	LORNG_SB07034_0-1_09262024	LORNG_SB07034_11-13_09262024	LORNG_SB07034_21-23_09262024	LORNG_SB07034_11-13_09262024FD	LORNG_SB07035_0-1_09252024	LORNG_SB07035_6-8_09252024
Sample Date:				9/25/2024	9/25/2024	9/25/2024	9/25/2024	9/26/2024	9/26/2024	9/26/2024	9/26/2024	9/25/2024	9/25/2024
Sample Depth:				7-9	10-12	18-20	0-1	0-1	11-13	21-23	11-13	0-1	6-8
Sample Type:				N	N	N	N	N	N	N	FD	N	N
Latitude:				46.943483	46.94396952	46.94396952	46.94396952	46.94465163	46.94465163	46.94465163	46.94465163	46.94433725	46.94433725
Longitude:				-67.88704099	-67.88579229	-67.88579229	-67.88579229	-67.88603305	-67.88603305	-67.88603305	-67.88603305	-67.88816889	-67.88816889
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0042 U	0.0046 U	0.0043 U	0.0047 U	0.0041 U	0.0046 U	0.0042 U	0.0048 U	0.0046 U	0.0047 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0007 J	0.0024 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0019 J	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.00066 J	0.0024 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.00071 J	0.0024 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0021 U	0.0023 UJ	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0099	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0021 U	0.0023 U	0.0021 U	0.0051 J	0.0038 J	0.0023 U	0.0021 U	0.0024 U	0.0091	0.0006 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.0051 U	0.0057 U	0.0053 U	0.006 U	0.0058 U	0.0059 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.0051 U	0.0057 U	0.0053 U	0.006 U	0.0058 U	0.0059 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.0051 U	0.0057 U	0.0053 U	0.006 U	0.0058 U	0.0059 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0021 U	0.0023 UJ	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.01 U	0.011 U	0.011 U	0.012 U	0.01 U	0.011 U	0.011 U	0.012 U	0.012 U	0.012 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.01 U	0.011 U	0.011 U	0.012 U	0.01 U	0.011 U	0.011 U	0.012 U	0.012 U	0.012 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0042 U	0.0046 U	0.0043 U	0.0047 U	0.0041 U	0.0046 U	0.0042 U	0.0048 U	0.0046 U	0.0047 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.0042 U	0.0046 U	0.0043 U	0.0047 U	0.0041 U	0.0046 U	0.0042 U	0.0048 U	0.0046 U	0.0047 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0042 U	0.0046 U	0.0043 U	0.0047 U	0.0041 U	0.0046 U	0.0042 U	0.0048 U	0.0046 U	0.0047 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.0051 U	0.0057 U	0.0053 U	0.006 U	0.0058 U	0.0059 U
11-Chlororicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.0051 U	0.0057 U	0.0053 U	0.006 U	0.0058 U	0.0059 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U	0.0023 U	0.0021 U	0.0024 U	0.0023 U	0.0024 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.0051 U	0.0057 U	0.0053 U	0.006 U	0.0058 U	0.0059 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.026 U	0.029 U	0.027 U	0.03 U	0.026 U	0.029 U	0.027 U	0.03 U	0.029 U	0.029 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.026 U	0.029 U	0.027 U	0.03 U	0.026 U	0.029 U	0.027 U	0.03 U	0.029 U	0.029 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				07. Crash Fire Station				08. Arch Hangar					
Flow Field:				4				4					
Location ID:				SB07035	SB07036			SB08001		SB08002		SB08003	
Sample ID:				LORNG_SB07035_10-12_09252024	LORNG_SB07036_0-2_09302024	LORNG_SB07036_13-15_09302024	LORNG_SB07036_7-9_09302024	LORNG_SB08001_0-1_05192022	LORNG_SB08001_8-10_05192022	LORNG_SB08002_0-1_05192022	LORNG_SB08002_8-10_05192022	LORNG_SB08003_0-1_05172022	LORNG_SB08003_8-9_05172022
Sample Date:				9/25/2024	9/30/2024	9/30/2024	9/30/2024	5/19/2022	5/19/2022	5/19/2022	5/19/2022	5/17/2022	5/17/2022
Sample Depth:				10-12	0-2	13-15	7-9	0-1	8-10	0-1	8-10	0-1	8-9
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.94433725	46.94443401	46.94443401	46.94443401	46.9403599	46.9403599	46.9409792	46.9409792	46.9400975	46.9400975
Longitude:				-67.88816889	-67.889806	-67.889806	-67.889806	-67.8931086	-67.8931086	-67.8922342	-67.8922342	-67.8904167	-67.8904167
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0047 U	0.0049 U	0.0045 U	0.0046 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0061 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0061 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0023 U	0.0078	0.0023 U	0.0023 U	0.0015 J	0.0011 U	0.0118	0.0011 U	0.0022 J	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0059 U	0.0062 U	0.0057 U	0.0058 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0059 U	0.0062 U	0.0057 U	0.0058 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0059 U	0.0062 U	0.0057 U	0.0058 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0061 U	0.0011 U	0.0013 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0061 U	0.0011 U	0.0061 UJ	0.0011 U	0.0013 UJ	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.012 U	0.012 U	0.011 U	0.012 U	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.012 U	0.012 U	0.011 U	0.012 U	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0047 U	0.0049 U	0.0045 U	0.0046 U	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.0047 U	0.0049 U	0.0045 U	0.0046 U	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0047 U	0.0049 U	0.0045 U	0.0046 U	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0059 U	0.0062 U	0.0057 U	0.0058 U	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.0059 U	0.0062 U	0.0057 U	0.0058 U	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.0023 U	0.0025 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0059 U	0.0062 U	0.0057 U	0.0058 U	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.029 U	0.031 U	0.028 U	0.029 U	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.029 U	0.031 U	0.028 U	0.029 U	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				08. Arch Hangar									09. Jet Engine Maintenance Shop
Flow Field:				4									4
Location ID:				SB08003	SB08004		SB08005		SB08006		SB08007		SB09004
Sample ID:				LORNG_SB08003_0-1_05172022FD	LORNG_SB08004_0-1_05172022	LORNG_SB08004_8-10_05172022	LORNG_SB08005_0-1_05192022	LORNG_SB08005_8-10_05192022	LORNG_SB08006_0-1_05192022	LORNG_SB08006_8-10_05192022	LORNG_SB08007_0-1_08032022	LORNG_SB08007_8-10_08032022	LORNG_SB09004_0-1_08032022
Sample Date:				5/17/2022	5/17/2022	5/17/2022	5/19/2022	5/19/2022	5/19/2022	5/19/2022	8/3/2022	8/3/2022	8/3/2022
Sample Depth:				0-1	0-1	8-10	0-1	8-10	0-1	8-10	0-1	8-10	0-1
Sample Type:				FD	N	N	N	N	N	N	N	N	N
Latitude:				46.9400975	46.9395979	46.9395979	46.9389678	46.9389678	46.9393057	46.9393057	46.940102	46.940102	46.9375982
Longitude:				-67.8904167	-67.8902544	-67.8902544	-67.8921664	-67.8921664	-67.892846	-67.892846	-67.8935741	-67.8935741	-67.890725
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.0011 U	0.0011 U	0.00077 J	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0024 J	0.0025	0.0011 U	0.0094	0.0011 U	0.0067	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.0055 U	0.0011 U	0.0063 U	0.0011 U	0.0057 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 UJ	0.0055 UJ	0.0011 U	0.0063 UJ	0.0011 U	0.0057 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 UJ	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUds)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				09. Jet Engine Maintenance Shop									
Flow Field:				4									
Location ID:				SB09004		SB09005		SB09006		SB09007		SB09008	
Sample ID:				LORNG_SB09004_13-15_08032022	LORNG_SB09004_8-10_08032022	LORNG_SB09005_0-1_06052022	LORNG_SB09005_8-10_06052022	LORNG_SB09006_0-1_06042022	LORNG_SB09006_8-10_06042022	LORNG_SB09007_0-1_06042022	LORNG_SB09007_8-10_06042022	LORNG_SB09008_0-1_06052022	LORNG_SB09008_8-10_06052022
Sample Date:				8/3/2022	8/3/2022	6/5/2022	6/5/2022	6/4/2022	6/4/2022	6/4/2022	6/4/2022	6/5/2022	6/5/2022
Sample Depth:				13-15	8-10	0-1	8-10	0-1	8-10	0-1	8-10	0-1	8-10
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9375982	46.9375982	46.9378115	46.9378115	46.9386903	46.9386903	46.9388067	46.9388067	46.9382035	46.9382035
Longitude:				-67.890725	-67.890725	-67.8917271	-67.8917271	-67.8914585	-67.8914585	-67.8906079	-67.8906079	-67.8892016	-67.8892016
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.00078 J	0.0011 U	0.0017 J	0.0011 U	0.0011 J	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 UJ	0.0011 UJ	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				10. Nose Dock. No. 11									
Flow Field:				3									
Location ID:				SB10005		SB10006			SB10007		SB10008		SB10009
Sample ID:				LORNG_SB10005_0-1_05212022	LORNG_SB10005_8-10_05212022	LORNG_SB10006_0-1_05222022	LORNG_SB10006_8-10_05222022	LORNG_SB10006_8-10_05222022FD	LORNG_SB10007_0-1_05222022	LORNG_SB10007_8-10_05222022	LORNG_SB10008_0-1_05212022	LORNG_SB10008_8-9_05212022	LORNG_SB10009_0-1_05212022
Sample Date:				5/21/2022	5/21/2022	5/22/2022	5/22/2022	5/22/2022	5/22/2022	5/22/2022	5/21/2022	5/21/2022	5/21/2022
Sample Depth:				0-1	8-10	0-1	8-10	8-10	0-1	8-10	0-1	8-9	0-1
Sample Type:				N	N	N	N	FD	N	N	N	N	N
Latitude:				46.9528149	46.9528149	46.9532164	46.9532164	46.9532164	46.9519774	46.9519774	46.9515187	46.9515187	46.952094
Longitude:				-67.8947927	-67.8947927	-67.8914075	-67.8914075	-67.8914075	-67.8921947	-67.8921947	-67.8931186	-67.8931186	-67.8946182
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.00069 J	0.0011 U	0.0013 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.00084 J	0.0011 U	0.0013 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0125	0.0011 U	0.00083 J	0.001 U	0.0011 U	0.0014 J	0.0011 U	0.0231	0.0011 U	0.0068
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 U	0.0011 U	0.0056 U	0.001 U	0.0011 U	0.0063 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				10. Nose Dock. No. 11									
Flow Field:				3									
Location ID:				SB10009	SB10010			SB10011		SB10012		SB10013	
Sample ID:				LORNG_SB10009_8-10_05212022	LORNG_SB10010_0-1_08022022	LORNG_SB10010_18-20_08022022	LORNG_SB10010_8-10_08022022	LORNG_SB10011_0-1_08172022	LORNG_SB10011_8-10_08172022	LORNG_SB10012_0-1_08172022	LORNG_SB10012_8-10_08172022	LORNG_SB10013_1-2_08172022	LORNG_SB10013_8-10_08172022
Sample Date:				5/21/2022	8/2/2022	8/2/2022	8/2/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022
Sample Depth:				8-10	0-1	18-20	8-10	0-1	8-10	0-1	8-10	1-2	8-10
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.952094	46.9517402	46.9517402	46.9517402	46.951134	46.951134	46.951749	46.951749	46.952308	46.952308
Longitude:				-67.8946182	-67.893135	-67.893135	-67.893135	-67.892952	-67.892952	-67.89202	-67.89202	-67.893493	-67.893493
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00085 J	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00087 J	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00078 J	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0062	0.0011 U	0.0011 U	0.0284	0.0011 U	0.0008 J	0.0012 U	0.0011 U	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				11. Nose Dock No. 40 Area									
Flow Field:				3									
Location ID:				SB11001		SB11002			SB11003		SB11004		
Sample ID:				LORNG_SB11001_0-1_05222022	LORNG_SB11001_8-10_05222022	LORNG_SB11002_0-1_05222022	LORNG_SB11002_8-10_05222022	LORNG_SB11002_8-10_05222022FD	LORNG_SB11003_0-1_05222022	LORNG_SB11003_8-10_05222022	LORNG_SB11004_0-1_08032022	LORNG_SB11004_11-13_08032022	LORNG_SB11004_8-10_08032022
Sample Date:				5/22/2022	5/22/2022	5/22/2022	5/22/2022	5/22/2022	5/22/2022	5/22/2022	8/3/2022	8/3/2022	8/3/2022
Sample Depth:				0-1	8-10	0-1	8-10	8-10	0-1	8-10	0-1	11-13	8-10
Sample Type:				N	N	N	N	FD	N	N	N	N	N
Latitude:				46.9460193	46.9460193	46.9460045	46.9460045	46.9460045	46.946037	46.946037	46.9458136	46.9458136	46.9458136
Longitude:				-67.9000972	-67.9000972	-67.9015952	-67.9015952	-67.9015952	-67.9036686	-67.9036686	-67.9037072	-67.9037072	-67.9037072
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.00062 J	0.0011 U	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0055 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0057 U	0.0011 U	0.0058 U	0.0011 U	0.001 U	0.0055 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				12. Nose Dock No. 44									
Flow Field:				3									
Location ID:				LYS12010	OW12002	SB12005			SB12006		SB12007		SB12008
Sample ID:				LORNG_LYS12010_11-12_08042022	LORNG_OW12002_16-17_08222022	LORNG_SB12005_0-1_06202022	LORNG_SB12005_8-10_06202022	LORNG_SB12005_8-10_06202022FD	LORNG_SB12006_0-1_06202022	LORNG_SB12006_8-10_06202022	LORNG_SB12007_0-1_06202022	LORNG_SB12007_8-10_06202022	LORNG_SB12008_8-10_06022022
Sample Date:				8/4/2022	8/22/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	6/2/2022
Sample Depth:				11-12	16-17	0-1	8-10	8-10	0-1	8-10	0-1	8-10	8-10
Sample Type:				N	N	N	N	FD	N	N	N	N	N
Latitude:				46.9479766	46.9488212	46.9480855	46.9480855	46.9480855	46.9475655	46.9475655	46.9485031	46.9485031	46.9487711
Longitude:				-67.9042053	-67.9044354	-67.9023042	-67.9023042	-67.9023042	-67.9030723	-67.9030723	-67.9043375	-67.9043375	-67.9026827
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0055 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0055 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0008 J	0.0011 U	0.0011 U	0.0011 J	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0021	0.00348	0.0199	0.0011 U	0.0011 U	0.0137	0.0011 U	0.0111	0.0107	0.0023
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.00067 J	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000984 U	0.000495 J	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0055 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 UJ	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.000984 U	0.000986 U	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				12. Nose Dock No. 44									
Flow Field:				3									
Location ID:				SB12008		SB12009			SB12010		SB12011		SB12012
Sample ID:				LORNG_SB12008_0-1_06022022	LORNG_SB12008_8-10_06022022FD	LORNG_SB12009_0-1_08042022	LORNG_SB12009_13-15_08042022	LORNG_SB12009_8-10_08042022	LORNG_SB12010_0-1_06202022	LORNG_SB12010_8-10_06202022	LORNG_SB12011_0-1_06202022	LORNG_SB12011_2-3_06202022	LORNG_SB12012_0-1_09132022
Sample Date:				6/2/2022	6/2/2022	8/4/2022	8/4/2022	8/4/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	9/13/2022
Sample Depth:				0-1	8-10	0-1	13-15	8-10	0-1	8-10	0-1	2-3	0-1
Sample Type:				N	FD	N	N	N	N	N	N	N	N
Latitude:				46.9487711	46.9487711	46.9478266	46.9478266	46.9478266	46.9479766	46.9479766	46.9481818	46.9481818	46.9481616
Longitude:				-67.9026827	-67.9026827	-67.9022849	-67.9022849	-67.9022849	-67.9042053	-67.9042053	-67.9042706	-67.9042706	-67.9045862
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.00082 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0054	0.0012 U	0.00075 J	0.0011 U	0.00077 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00097 J	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0067	0.0016 J	0.0025	0.0011 U	0.0011 U	0.134	0.0037	0.0219	0.0021 J	0.0232
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 J	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				12. Nose Dock No. 44									
Flow Field:				3									
Location ID:				SB12013		SB12014		SB12015			SB12016		
Sample ID:				LORNG_SB12013_0-1_09132022	LORNG_SB12013_1-2_09132022	LORNG_SB12014_0-1_08182022	LORNG_SB12014_8-9_08182022	LORNG_SB12015_0-1_08182022	LORNG_SB12015_6-7_08182022	LORNG_SB12015_0-1_08182022S	LORNG_SB12016_0-1_08182022	LORNG_SB12016_8-10_08182022	LORNG_SB12016_8-10_08182022S
Sample Date:				9/13/2022	9/13/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022
Sample Depth:				0-1	1-2	0-1	8-9	0-1	6-7	0-1	0-1	8-10	8-10
Sample Type:				N	N	N	N	N	N	FD	N	N	FD
Latitude:				46.9479808	46.9479808	46.9476821	46.9476821	46.9478728	46.9478728	46.9478728	46.9478573	46.9478573	46.9478573
Longitude:				-67.9044784	-67.9044784	-67.9041577	-67.9041577	-67.9037513	-67.9037513	-67.9037513	-67.9030011	-67.9030011	-67.9030011
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 U	0.0035 J	0.0011 J	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0049	0.191	0.0204	0.0016 J	0.003	0.0011 U	0.00238	0.00089 J	0.0007 J	0.000981 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000583 J	0.0011 U	0.0012 U	0.000981 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000658 J	0.0011 U	0.0012 U	0.000981 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 U	0.0021 U	0.0056 U	0.0012 U	0.0056 UJ	0.0011 U	0.000967 U	0.0011 U	0.0059 UJ	0.000981 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0059 UJ	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0059 UJ	0.0021 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000967 U	0.0011 U	0.0012 U	0.000981 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				12. Nose Dock No. 44									
Flow Field:				3									
Location ID:				SB12017			SB12018		SB12019			SB12020	
Sample ID:				LORNG_SB12017_0-1_08182022	LORNG_SB12017_9-10_08182022	LORNG_SB12017_0-1_08182022FD	LORNG_SB12018_0-1_08182022	LORNG_SB12018_8-10_08182022	LORNG_SB12019_0-1_08182022	LORNG_SB12019_8-10_08182022	LORNG_SB12019_8-10_08182022FD	LORNG_SB12020_00-01_10192023	LORNG_SB12020_04-06_10192023
Sample Date:				8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	10/19/2023	10/19/2023
Sample Depth:				0-1	9-10	0-1	0-1	8-10	0-1	8-10	8-10	0-1	4-6
Sample Type:				N	N	FD	N	N	N	N	FD	N	N
Latitude:				46.9481613	46.9481613	46.9481613	46.9478117	46.9478117	46.9473047	46.9473047	46.9473047	46.94750509	46.94750509
Longitude:				-67.90218	-67.90218	-67.90218	-67.9019932	-67.9019932	-67.9030756	-67.9030756	-67.9030756	-67.9038743	-67.9038743
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0001 J	0.00021 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00013 J	0.0001 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00016 J	0.000049 J
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000094 J	0.0001 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00016 J	0.0001 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000073 J	0.00013 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000099 U	0.0001 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000099 U	0.0001 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000099 U	0.0001 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000099 U	0.0001 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000099 U	0.0001 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000042 J	0.000091 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000069 J	0.000096 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00081	0.00025 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00012 U	0.00012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.00061 J	0.001 U	0.001 U	0.0011 U	0.0048	0.0011 U	0.0011 U	0.0009	0.0021 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00012 U	0.00012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.000095 U	0.000099 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.00016 U	0.00017 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00037 U	0.00038 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00037 U	0.00038 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00038 U	0.0004 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00005 U	0.000051 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0052 UJ	0.0052 U	0.0011 U	0.0061 U	0.0011 U	0.0011 U	0.000099 U	0.0001 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.00005 U	0.000051 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00016 U	0.00017 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00016 U	0.00017 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.0012 U	0.0013 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.0016 U	0.0017 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	0.00021 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.00037 U	0.00038 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.000099 U	0.0001 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	0.00021 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.0025 U	0.0026 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.00037 U	0.00038 U
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.00037 U	0.00038 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.00028 U	0.00029 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.0008 U	0.00083 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.0041 U	0.0042 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	0.0041 U	0.0042 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				12. Nose Dock No. 44									
Flow Field:				3									
Location ID:				SB12020	SB12021		SB12022	SB12023	SB12024	SB12025			SS12001
Sample ID:				LORNG_SB12020_04-06_10192023FD	LORNG_SB12021_00-01_10192023	LORNG_SB12021_04-06_10192023	LORNG_SB12022_00-02_10192023	LORNG_SB12023_00-02_10192023	LORNG_SB12024_00-02_10192023	LORNG_SB12025_0-2_10012024	LORNG_SB12025_13-15_10012024	LORNG_SB12025_7-9_10012024	LORNG_SS12001_0-1_06212022
Sample Date:				10/19/2023	10/19/2023	10/19/2023	10/19/2023	10/19/2023	10/19/2023	10/1/2024	10/1/2024	10/1/2024	6/21/2022
Sample Depth:				4-6	0-1	4-6	0-2	0-2	0-2	0-2	13-15	7-9	0-1
Sample Type:				FD	N	N	N	N	N	N	N	N	N
Latitude:				46.94750509	46.94716638	46.94716638	46.94739149	46.94785678	46.94823215	46.9478865	46.9478865	46.9478865	46.9481175
Longitude:				-67.9038743	-67.9037764	-67.9037764	-67.90477075	-67.90490013	-67.90509358	-67.90375115	-67.90375115	-67.90375115	-67.9040432
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0002 U	0.00019 U	0.00019 U	0.00019 U	0.000094 J	0.00072 J	0.00049 U	0.00052 U	0.0045 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.000074 J	0.000095 U	0.000097 U	0.00012 J	0.00022 J	0.0012	0.00013 U	0.00014 U	0.0023 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000089 J	0.00005 J	0.000097 U	0.00017 J	0.00032	0.0017	0.000089 U	0.000094 U	0.0023 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00005 J	0.000095 U	0.000097 U	0.000067 J	0.00015 J	0.00091	0.00012 U	0.00013 U	0.0023 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0001 J	0.000095 U	0.000097 U	0.00012 J	0.00025	0.0012	0.00012 U	0.00013 U	0.0023 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00013 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00032	0.00012 U	0.00013 U	0.0023 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0001 U	0.000095 U	0.000097 U	0.000096 U	0.000099 U	0.00011 U	0.0002 U	0.00021 U	0.0023 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0001 U	0.000095 U	0.000097 U	0.000096 U	0.000099 U	0.00011 U	0.000071 J	0.000094 U	0.0023 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0001 U	0.000095 U	0.000097 U	0.000096 U	0.000099 U	0.00011 U	0.000044 J	0.00013 U	0.0023 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0001 U	0.000095 U	0.000097 U	0.000096 U	0.000099 U	0.00011 U	0.000049 J	0.000071 U	0.0023 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0001 U	0.000095 U	0.000097 U	0.000096 U	0.000099 U	0.00011 U	0.000024 J	0.000071 U	0.0023 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000024 J	0.000085 U	0.000086 U	0.000037 J	0.000088 U	0.000097 U	0.000079 U	0.000083 U	0.0023 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000038 J	0.000089 U	0.000091 U	0.000042 J	0.000093 U	0.000037 J	0.000083 U	0.000088 U	0.0023 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00036 J	0.000097 J	0.00012 J	0.0005	0.0004	0.00056	0.000077 U	0.00011 U	0.0023 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.00012 U	0.00013 U	0.00012 U	0.00013 U	0.0023 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0036 J	0.0029	0.0016	0.00058	0.0026	0.012	0.00069	0.00096	0.0023 U	0.003
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.00012 U	0.00013 U	0.00012 U	0.00013 U	0.0023 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000097 U	0.000092 U	0.000093 U	0.000092 U	0.000095 U	0.0001 U	0.00012 U	0.00013 U	0.0023 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.00018 U	0.0002 U	0.00021 U	0.0023 U	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00038 U	0.00036 U	0.00036 U	0.00036 U	0.00037 U	0.00041 U	0.00046 U	0.00048 U	0.0057 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00038 U	0.00036 U	0.00036 U	0.00036 U	0.00037 U	0.00041 U	0.00047 U	0.00049 U	0.0057 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00039 U	0.00037 U	0.00038 U	0.00037 U	0.00038 U	0.00042 U	0.00077 U	0.00081 U	0.0057 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00005 U	0.000048 U	0.000049 U	0.000048 U	0.000049 U	0.000054 U	0.000089 U	0.000094 U	0.0023 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0001 U	0.000095 U	0.000097 U	0.000096 U	0.000099 U	0.00011 U	0.0002 U	0.00021 U	0.0023 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.00005 U	0.000048 U	0.000049 U	0.000048 U	0.000049 U	0.000054 U	0.00012 U	0.00013 U	0.0023 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.00018 U	0.0002 U	0.00021 U	0.0023 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.00018 U	0.0002 U	0.00021 U	0.0023 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0014 U	0.00067 U	0.00071 U	0.011 U	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0018 U	0.00045 U	0.00047 U	0.011 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0002 U	0.00019 U	0.00019 U	0.00019 U	0.0002 U	0.00022 U	0.00049 U	0.00052 U	0.0045 U	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00038 U	0.00036 U	0.00036 U	0.00036 U	0.00037 U	0.00041 U	0.00033 U	0.00035 U	0.0045 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0001 U	0.000095 U	0.000097 U	0.000096 U	0.000099 U	0.00011 U	0.0004 U	0.00042 U	0.0023 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0002 U	0.00019 U	0.00019 U	0.00019 U	0.0002 U	0.00022 U	0.00018 U	0.00019 U	0.0023 U	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0025 U	0.0024 U	0.0024 U	0.0024 U	0.0025 U	0.0027 U	0.004 U	0.0042 U	0.0045 U	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00038 U	0.00036 U	0.00036 U	0.00036 U	0.00037 U	0.00041 U	0.00046 U	0.00048 U	0.0057 U	NA
11-Chlororeicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.00038 U	0.00036 U	0.00036 U	0.00036 U	0.00037 U	0.00041 U	0.00047 U	0.00049 U	0.0057 U	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00029 U	0.00027 U	0.00028 U	0.00028 U	0.00028 U	0.00031 U	0.00022 U	0.00024 U	0.0023 U	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00082 U	0.00078 U	0.00079 U	0.00078 U	0.0008 U	0.00089 U	0.00033 U	0.00035 U	0.0057 U	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0042 U	0.0039 U	0.004 U	0.0039 U	0.0041 U	0.0045 U	0.005 U	0.0053 U	0.028 U	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0042 U	0.0039 U	0.004 U	0.0039 U	0.0041 U	0.0045 U	0.005 U	0.0053 U	0.028 U	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				12. Nose Dock 44	13. Aircraft Hardstands									
Flow Field:				3	3									
Location ID:				SS12002	SB13001			SB13002			SB13003		SB13004	
Sample ID:				LORNG_SS12002_0-1_06212022	LORNG_SB13001_0-1_05232022	LORNG_SB13001_6-7_05232022	LORNG_SB13002_0-1_05232022	LORNG_SB13002_9-10_05232022	LORNG_SB13002_0-1_05232022FD	LORNG_SB13003_0-1_05242022	LORNG_SB13003_8-10_05242022	LORNG_SB13004_0-1_05242022	LORNG_SB13004_8-10_05242022	
Sample Date:				6/21/2022	5/23/2022	5/23/2022	5/23/2022	5/23/2022	5/23/2022	5/23/2022	5/24/2022	5/24/2022	5/24/2022	5/24/2022
Sample Depth:				0-1	0-1	6-7	0-1	9-10	0-1	0-1	8-10	0-1	8-10	
Sample Type:				N	N	N	N	N	FD	N	N	N	N	
Latitude:				46.948335	46.9547973	46.9547973	46.9545602	46.9545602	46.9545602	46.9553369	46.9553369	46.9559078	46.9559078	
Longitude:				-67.904154	-67.9029259	-67.9029259	-67.9013861	-67.9013861	-67.9013861	-67.899052	-67.899052	-67.895968	-67.895968	
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0081	0.00077 J	0.0011 U	0.0017 J	0.0013 U	0.0016 J	0.0018 J	0.0011 U	0.0031	0.0011 U	
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 UJ	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				13. Aircraft Hardstands									
Flow Field:				3									
Location ID:				SB13005	SB13006		SB13007		SB13008		SB13009		SB13010
Sample ID:				LORNG_SB13005_0-1_05232022	LORNG_SB13006_0-1_06012022	LORNG_SB13006_8-10_06012022	LORNG_SB13007_0-1_06012022	LORNG_SB13007_8-10_06012022	LORNG_SB13008_0-1_05242022	LORNG_SB13008_8-10_05242022	LORNG_SB13009_0-1_05232022	LORNG_SB13009_8-10_05232022	LORNG_SB13010_0-1_06022022
Sample Date:				5/23/2022	6/1/2022	6/1/2022	6/1/2022	6/1/2022	5/24/2022	5/24/2022	5/23/2022	5/23/2022	6/2/2022
Sample Depth:				0-1	0-1	8-10	0-1	8-10	0-1	8-10	0-1	8-10	0-1
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9516815	46.9518144	46.9518144	46.9527523	46.9527523	46.9526257	46.9526257	46.9494075	46.9494075	46.9501421
Longitude:				-67.9023124	-67.9003908	-67.9003908	-67.897352	-67.897352	-67.8957292	-67.8957292	-67.9034572	-67.9034572	-67.8998059
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0012 U	0.0011 U	0.001 U	0.00072 J	0.001 U	0.0084	0.0011 U	0.0028	0.0011 U	0.0012 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				13. Aircraft Hardstands									
Flow Field:				3									
Location ID:				SB13010	SB13011		SB13012		SB13013		SB13014		
Sample ID:				LORNG_SB13010_8-10_06022022	LORNG_SB13011_0-1_06012022	LORNG_SB13011_8-10_06012022	LORNG_SB13012_8-10_05242022	LORNG_SB13012_0-1_05242022	LORNG_SB13013_0-1_06012022	LORNG_SB13013_5-6_06012022	LORNG_SB13014_0-1_05232022	LORNG_SB13014_8-10_05232022	LORNG_SB13014_0-1_05232022FD
Sample Date:				6/2/2022	6/1/2022	6/1/2022	5/24/2022	5/24/2022	6/1/2022	6/1/2022	5/23/2022	5/23/2022	5/23/2022
Sample Depth:				8-10	0-1	8-10	8-10	0-1	0-1	5-6	0-1	8-10	0-1
Sample Type:				N	N	N	N	N	N	N	N	N	FD
Latitude:				46.9501421	46.9506506	46.9506506	46.9508768	46.9508768	46.9506518	46.9506518	46.9471629	46.9471629	46.9471629
Longitude:				-67.8998059	-67.8975217	-67.8975217	-67.8955441	-67.8955441	-67.8922641	-67.8922641	-67.9022375	-67.9022375	-67.9022375
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0168	0.0043	0.00077 J	0.001 J	0.00058 J	0.0012 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				13. Aircraft Hardstands									
Flow Field:				3									
Location ID:				SB13015		SB13016		SB13017		SB13018		SB13019	
Sample ID:				LORNG_SB13015_0-1_05232022	LORNG_SB13015_8-10_05232022	LORNG_SB13016_0-1_06022022	LORNG_SB13016_8-10_06022022	LORNG_SB13017_0-1_05242022	LORNG_SB13017_8-10_05242022	LORNG_SB13018_8-10_06012022	LORNG_SB13018_0-1_06012022	LORNG_SB13019_0-1_06012022	LORNG_SB13019_8-10_06012022
Sample Date:				5/23/2022	5/23/2022	6/2/2022	6/2/2022	5/24/2022	5/24/2022	6/1/2022	6/1/2022	6/1/2022	6/1/2022
Sample Depth:				0-1	8-10	0-1	8-10	0-1	8-10	8-10	0-1	0-1	8-10
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9477782	46.9477782	46.9489402	46.9489402	46.9498217	46.9498217	46.9470331	46.9470331	46.9469588	46.9469588
Longitude:				-67.9011149	-67.9011149	-67.8993814	-67.8993814	-67.8962482	-67.8962482	-67.897922	-67.897922	-67.8941294	-67.8941294
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00082 J	0.0011 U	0.0012 U	0.0011 U	0.0054	0.00069 J	0.00056 J	0.0026	0.0011 U	0.001 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				13. Aircraft Hardstands									
Flow Field:				3									
Location ID:				SB13019	SB13020		SB13021		SB13022		SB13023		SB13024
Sample ID:				LORNG_SB13019_8-10_06012022FD	LORNG_SB13020_0-1_06012022	LORNG_SB13020_8-10_06012022	LORNG_SB13021_7-9_08032022	LORNG_SB13021_0-1_08032022	LORNG_SB13022_0-1_08032022	LORNG_SB13022_6-8_08032022	LORNG_SB13023_6-7_05242022	LORNG_SB13023_0-1_05242022	LORNG_SB13024_0-1_08182022
Sample Date:				6/1/2022	6/1/2022	6/1/2022	8/3/2022	8/3/2022	8/3/2022	8/3/2022	5/24/2022	5/24/2022	8/18/2022
Sample Depth:				8-10	0-1	8-10	7-9	0-1	0-1	6-8	6-7	0-1	0-1
Sample Type:				FD	N	N	N	N	N	N	N	N	N
Latitude:				46.9469588	46.9461454	46.9461454	46.9466754	46.9466754	46.9463184	46.9463184	46.9569614	46.9569614	46.951326
Longitude:				-67.8941294	-67.8906192	-67.8906192	-67.9005521	-67.9005521	-67.890758	-67.890758	-67.9011085	-67.9011085	-67.8955115
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0021 J	0.001 U	0.00062 J	0.009	0.0013 J	0.0011 U	0.0011 U	0.0012 U	0.0015 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 UJ	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 UJ	0.0011 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				13. Aircraft Hardstands									
Flow Field:				3									
Location ID:				SB13024	SB13025		SB13026			SB13027			SB13028
Sample ID:				LORNG_SB13024_8-9_08182022	LORNG_SB13025_0-1_08172022	LORNG_SB13025_8-10_08172022	LORNG_SB13026_0-1_08172022	LORNG_SB13026_8-10_08172022	LORNG_SB13026_8-10_08172022FD	LORNG_SB13027_0-1_08182022	LORNG_SB13027_8-10_08182022	LORNG_SB13027_8-10_08182022FD	LORNG_SB13028_0-1_08182022
Sample Date:				8/18/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/17/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022
Sample Depth:				8-9	0-1	8-10	0-1	8-10	8-10	0-1	8-10	8-10	0-1
Sample Type:				N	N	N	N	N	FD	N	N	FD	N
Latitude:				46.951326	46.9506777	46.9506777	46.9501531	46.9501531	46.9501531	46.9468658	46.9468658	46.9468658	46.9464911
Longitude:				-67.8955115	-67.8957629	-67.8957629	-67.895591	-67.895591	-67.895591	-67.8928553	-67.8928553	-67.8928553	-67.8927929
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.00064 J	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 J	0.0011 U	0.0011 U	0.0012 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0052 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0 R	0.0011 U	0.001 UJ	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				13. Aircraft Hardstands									
Flow Field:				3									
Location ID:				SB13028	SS13001	SS13002	SS13003	SS13004	SS13005	SS13006	SS13007	SS13008	SS13009
Sample ID:				LORNG_SB13028_8-10_08182022	LORNG_SS13001_0-1_06202022	LORNG_SS13002_0-1_06202022	LORNG_SS13003_0-1_06202022	LORNG_SS13004_0-1_06202022	LORNG_SS13005_0-1_06202022	LORNG_SS13006_0-1_06202022	LORNG_SS13007_0-1_06202022	LORNG_SS13008_0-1_06212022	LORNG_SS13009_0-1_06212022
Sample Date:				8/18/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	6/20/2022	6/21/2022	6/21/2022
Sample Depth:				8-10	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9464911	46.9462939	46.9464187	46.9474322	46.9483078	46.94889	46.9496437	46.9497832	46.9503537	46.9504435
Longitude:				-67.8927929	-67.8909763	-67.8927052	-67.8930951	-67.8935139	-67.8935466	-67.8948932	-67.8946071	-67.8924314	-67.8929836
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0012 U	0.00088 J	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0068	0.0165	0.0036	0.0052	0.0046	0.0041	0.0027	0.0016 J	0.0081
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0012 U	0.00076 J	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 UJ	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0012 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				13. Aircraft Hardstands	14. Hardstand 19								16. Fuel Tank Farm
Flow Field:				3	3								4
Location ID:				SS13010	SB14004		SB14005		SB14006		SB14007		SB16005
Sample ID:				LORNG_SS13010_0-1_06212022	LORNG_SB14004_8-10_06022022	LORNG_SB14004_0-1_06022022	LORNG_SB14005_0-1_06022022	LORNG_SB14005_8-10_06022022	LORNG_SB14006_1-2_08022022	LORNG_SB14006_6-8_08022022	LORNG_SB14007_0-1_08172022	LORNG_SB14007_8-10_08172022	LORNG_SB16005_0-1_06172022
Sample Date:				6/21/2022	6/2/2022	6/2/2022	6/2/2022	6/2/2022	8/2/2022	8/2/2022	8/17/2022	8/17/2022	6/17/2022
Sample Depth:				0-1	8-10	0-1	0-1	8-10	1-2	6-8	0-1	8-10	0-1
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9505074	46.95617	46.95617	46.9560092	46.9560092	46.9548412	46.9548412	46.9561801	46.9561801	46.928287
Longitude:				-67.8923787	-67.8935204	-67.8935204	-67.894933	-67.894933	-67.8928144	-67.8928144	-67.8940662	-67.8940662	-67.8848519
Analyte		USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)		1200	7.8	2.98	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluoropentanoic acid (PFPeA)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorohexanoic acid (PFHxA)		410	3.2	6.2	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluoroheptanoic acid (PFHpA)		-	-	1	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorooctanoic acid (PFOA)		0.0078	0.000019	3.84	0.0013 U	0.0011 U	0.0011 U	0.0015 J	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorononanoic acid (PFNA)		2.5	0.019	0.0242	0.0013 U	0.0011 U	0.0011 U	0.0015 J	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorodecanoic acid (PFDA)		0.0016	0.000013	0.0677	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluoroundecanoic acid (PFUnA)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorododecanoic acid (PFDoA)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorotridecanoic acid (PFTriDA)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorotetradecanoic acid (PFTeDA)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorobutanesulfonic acid (PFBS)		250	1.9	0.817	0.0013 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluoropentanesulfonic acid (PFPeS)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorohexanesulfonic acid (PFHxS)		16	0.13	0.145	0.0013 U	0.0011 U	0.0011 U	0.0016 J	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluoroheptanesulfonic acid (PFHpS)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorooctanesulfonic acid (PFOS)		0.082	0.00063	0.004	0.0048	0.0011 U	0.0011 U	0.0452	0.0011 U	0.001 U	0.0011 U	0.0012 J	0.0013 J
Perfluorononanesulfonic acid (PFNS)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorodecanesulfonic acid (PFDS)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorododecanesulfonic acid (PFDoS)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
Perfluorooctane sulfonamide (PFOSA)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0051 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)		-	-	-	0.0013 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.001 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)		3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)		-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				16. Fuel Tank Farm									
Flow Field:				4									
Location ID:				SB16005	SB16006		SB16007		SB16008		SB16009	SB16010	SB16011
Sample ID:				LORNG_SB16005_8-10_06172022	LORNG_SB16006_0-1_06172022	LORNG_SB16006_8-10_06172022	LORNG_SB16007_0-1_06172022	LORNG_SB16007_4-5_06172022	LORNG_SB16008_0-1_06172022	LORNG_SB16008_3-4_06172022	LORNG_SB16009_0-1_06172022	LORNG_SB16010_0-1_06172022	LORNG_SB16011_0-1_06172022
Sample Date:				6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/17/2022
Sample Depth:				8-10	0-1	8-10	0-1	4-5	0-1	3-4	0-1	0-1	0-1
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.928287	46.9276594	46.9276594	46.9268383	46.9268383	46.927035	46.927035	46.9259909	46.9261769	46.9269914
Longitude:				-67.8848519	-67.883696	-67.883696	-67.8828809	-67.8828809	-67.8816062	-67.8816062	-67.8814975	-67.8829442	-67.8845737
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00093 U	0.0011 U	0.0048 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00093 U	0.0056 U	0.0048 U	0.0055 U	0.00098 U	0.0049 U	0.001 U	0.0011 U	0.001 U	0.0054 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00093 U	0.0011 U	0.00095 U	0.0011 U	0.00098 U	0.00098 U	0.001 U	0.0011 U	0.001 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				16. Fuel Tank Farm									
Flow Field:				4									
Location ID:				SB16011	SB16012			SB16013		SB16014		SB16015	
Sample ID:				LORNG_SB16011_8-10_06172022	LORNG_SB16012_8-10_06172022	LORNG_SB16012_0-1_06172022	LORNG_SB16012_0-1_06172022FD	LORNG_SB16013_0-1_06162022	LORNG_SB16013_8-10_06162022	LORNG_SB16014_0-1_06162022	LORNG_SB16014_8-10_06162022	LORNG_SB16015_0-1_08032022	LORNG_SB16015_12-14_08032022
Sample Date:				6/17/2022	6/17/2022	6/17/2022	6/17/2022	6/16/2022	6/16/2022	6/16/2022	6/16/2022	8/3/2022	8/3/2022
Sample Depth:				8-10	8-10	0-1	0-1	0-1	8-10	0-1	8-10	0-1	12-14
Sample Type:				N	N	N	FD	N	N	N	N	N	N
Latitude:				46.9269914	46.9270162	46.9270162	46.9270162	46.9275031	46.9275031	46.9290241	46.9290241	46.9279841	46.9279841
Longitude:				-67.8845737	-67.8858799	-67.8858799	-67.8858799	-67.8851216	-67.8851216	-67.8864137	-67.8864137	-67.8850416	-67.8850416
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.00097 U	0.0011 J	0.0013 J	0.004	0.0011 U	0.0015 J	0.001 J	0.0053	0.00075 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.00097 U	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				16. Fuel Tank Farm									
Flow Field:				4									
Location ID:				SB16015	SB16016		SB16017		SB16018		SB16019		SB16020
Sample ID:				LORNG_SB16015_8-10_08032022	LORNG_SB16016_00-01_10162023	LORNG_SB16016_03-05_10162023	LORNG_SB16017_00-01_10162023	LORNG_SB16017_02-04_10162023	LORNG_SB16018_00-01_10162023	LORNG_SB16018_02-04_10162023	LORNG_SB16019_0-1_09242024	LORNG_SB16019_0-1_09242024FD	LORNG_SB16020_0-1_09252024
Sample Date:				8/3/2022	10/16/2023	10/16/2023	10/16/2023	10/16/2023	10/16/2023	10/16/2023	9/24/2024	9/24/2024	9/25/2024
Sample Depth:				8-10	0-1	3-5	0-1	2-4	0-1	2-4	0-1	0-1	0-1
Sample Type:				N	N	N	N	N	N	N	N	FD	N
Latitude:				46.9279841	46.92739953	46.92739953	46.92645456	46.92645456	46.92729067	46.92729067	46.92747811	46.92747811	46.92645097
Longitude:				-67.8850416	-67.88343869	-67.88343869	-67.88342784	-67.88342784	-67.88629121	-67.88629121	-67.88254541	-67.88254541	-67.88251179
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0002 U	0.00019 U	0.00019 U	0.00019 U	0.000088 J	0.00019 U	0.0045 U	0.0047 U	0.0046 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.000064 J	0.000094 U	0.000094 U	0.000093 U	0.000068 J	0.000051 J	0.0023 U	0.0024 U	0.0023 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.000056 J	0.000094 U	0.000094 U	0.000093 U	0.000069 J	0.00004 J	0.0023 U	0.0024 U	0.0023 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.000094 J	0.000094 U	0.000094 U	0.000093 U	0.000049 J	0.000096 U	0.0023 U	0.0024 U	0.0023 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.000081 J	0.000094 U	0.000094 U	0.000093 U	0.00013 J	0.000057 J	0.0023 U	0.0024 U	0.0023 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.000062 J	0.00012 U	0.00012 U	0.00012 U	0.00014 J	0.00012 U	0.0023 U	0.0024 U	0.0023 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.000043 J	0.000094 U	0.000094 U	0.000093 U	0.000099 U	0.000096 U	0.0023 U	0.0024 U	0.0023 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.000094 J	0.000094 U	0.000094 U	0.000093 U	0.000099 U	0.000096 U	0.0023 U	0.0024 U	0.0023 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.000098 U	0.000094 U	0.000094 U	0.000093 U	0.000099 U	0.000096 U	0.0023 U	0.0024 U	0.0023 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.000098 U	0.000094 U	0.000094 U	0.000093 U	0.000099 U	0.000096 U	0.0023 U	0.0024 U	0.0023 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.000098 U	0.000094 U	0.000094 U	0.000093 U	0.000099 U	0.000096 U	0.0023 U	0.0024 U	0.0023 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.000087 U	0.000083 U	0.000084 U	0.000082 U	0.000088 U	0.000085 U	0.0023 U	0.0024 U	0.0023 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.000092 U	0.000088 U	0.000089 U	0.000087 U	0.000093 U	0.00009 U	0.0023 U	0.0024 U	0.0023 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.00011 J	0.000053 J	0.000086 U	0.000084 U	0.00019 J	0.000058 J	0.0014 J	0.0011 J	0.0023 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.00012 U	0.00011 U	0.00011 U	0.00011 U	0.00012 U	0.00011 U	0.0023 U	0.0024 U	0.0023 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0029	0.00062	0.00025	0.00056	0.000086 U	0.0039	0.0015	0.0024 J	0.0024 J	0.0023 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.00012 U	0.00011 U	0.00011 U	0.00011 U	0.00012 U	0.00012 U	0.0023 U	0.0024 U	0.0023 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.000094 U	0.00009 U	0.000091 U	0.000089 U	0.000096 U	0.000093 U	0.0023 U	0.0024 U	0.0023 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	0.00016 U	0.00015 U	0.00015 U	0.00015 U	0.00016 U	0.00016 U	0.0023 U	0.0024 U	0.0023 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.00037 U	0.00035 U	0.00035 U	0.00035 U	0.00037 U	0.00036 U	0.0057 U	0.0059 U	0.0058 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.00037 U	0.00035 U	0.00035 U	0.00035 U	0.00037 U	0.00036 U	0.0057 U	0.0059 U	0.0058 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.00038 U	0.00036 U	0.00037 U	0.00036 U	0.00039 U	0.00037 U	0.0057 U	0.0059 U	0.0058 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.000049 U	0.000047 U	0.000047 U	0.000046 U	0.00005 U	0.00005 J	0.0023 U	0.0024 U	0.0023 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.000098 U	0.000094 U	0.000094 U	0.000093 U	0.000099 U	0.000096 U	0.0023 U	0.0024 U	0.0023 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	0.000049 U	0.000047 U	0.000047 U	0.000046 U	0 R	0.000048 U	0.0023 U	0.0024 U	0.0023 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.00016 U	0.00015 U	0.00015 U	0.00015 U	0.00016 U	0.00016 U	0.0023 U	0.0024 U	0.0023 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.00016 U	0.00015 U	0.00015 U	0.00015 U	0.00016 U	0.00016 U	0.0023 U	0.0024 U	0.0023 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0 R	0.0012 U	0.011 U	0.012 U	0.012 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	0.0016 U	0.0015 U	0.0015 U	0.0015 U	0.0016 U	0.0016 U	0.011 U	0.012 U	0.012 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	0.0002 U	0.00019 U	0.00019 U	0.00019 U	0.0002 U	0.00019 U	0.0045 U	0.0047 U	0.0046 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	0.00037 U	0.00035 U	0.00035 U	0.00035 U	0.00037 U	0.00036 U	0.0045 U	0.0047 U	0.0046 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	0.000098 U	0.000094 U	0.000094 U	0.000093 U	0.000099 U	0.000096 U	0.0023 U	0.0024 U	0.0023 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	0.0002 U	0.00019 U	0.00019 U	0.00019 U	0.0002 U	0.00019 U	0.0023 U	0.0024 U	0.0023 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	0.0024 U	0.0023 U	0.0024 U	0.0023 U	0.0025 U	0.0024 U	0.0045 U	0.0047 U	0.0046 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	0.00037 U	0.00035 U	0.00035 U	0.00035 U	0.00037 U	0.00036 U	0.0057 U	0.0059 U	0.0058 U
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	NA	0.00037 U	0.00035 U	0.00035 U	0.00035 U	0.00037 U	0.00036 U	0.0057 U	0.0059 U	0.0058 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	0.00028 U	0.00027 U	0.00027 U	0.00027 U	0.00029 U	0.00028 U	0.0023 U	0.0024 U	0.0023 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	0.00079 U	0.00076 U	0.00077 U	0.00075 U	0.00081 U	0.00078 U	0.0057 U	0.0059 U	0.0058 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	0.004 U	0.0039 U	0.0039 U	0.0038 U	0.0041 U	0.004 U	0.028 U	0.03 U	0.029 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	0.004 U	0.0039 U	0.0039 U	0.0038 U	0.0041 U	0.004 U	0.028 U	0.03 U	0.029 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				16. Fuel Tank Farm		17. Fuel Dump Area							
Flow Field:				4		3							
Location ID:				SB16021		SB17004		SB17005		SB17006		SB17007	
Sample ID:				LORNG_SB16021_0-1_09262024	LORNG_SB16021_3-5_09262024	LORNG_SB17004_0-1_06192022	LORNG_SB17004_8-10_06192022	LORNG_SB17005_0-1_06192022	LORNG_SB17005_8-10_06192022	LORNG_SB17006_0-1_06192022	LORNG_SB17006_8-10_06192022	LORNG_SB17007_0-1_06192022	LORNG_SB17007_8-10_06192022
Sample Date:				9/26/2024	9/26/2024	6/19/2022	6/19/2022	6/19/2022	6/19/2022	6/19/2022	6/19/2022	6/19/2022	6/19/2022
Sample Depth:				0-1	3-5	0-1	8-10	0-1	8-10	0-1	8-10	0-1	8-10
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.92662201	46.92662201	46.9593222	46.9593222	46.9580179	46.9580179	46.9566845	46.9566845	46.9575403	46.9575403
Longitude:				-67.886913	-67.886913	-67.8926319	-67.8926319	-67.8927738	-67.8927738	-67.8954866	-67.8954866	-67.8929539	-67.8929539
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0051 U	0.0048 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00086 J	0.0011 U	0.0013 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00084 J	0.0011 U	0.0013 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0025 U	0.0024 U	0.0032	0.0011 U	0.00072 J	0.0011 U	0.0034	0.0011 U	0.0019 J	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.0025 U	0.0024 U	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0064 U	0.006 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0064 U	0.006 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0036	0.0011 U	0.0013 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0064 U	0.006 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 J	0.0011 U	0.0013 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.0025 U	0.0024 U	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0025 U	0.0024 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.013 U	0.012 U	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.013 U	0.012 U	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0051 U	0.0048 U	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.0051 U	0.0048 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0025 U	0.0024 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0025 U	0.0024 U	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0051 U	0.0048 U	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0064 U	0.006 U	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.0064 U	0.006 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.0025 U	0.0024 U	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0064 U	0.006 U	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.032 U	0.03 U	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.032 U	0.03 U	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				17. Fuel Dump Area			18. Main Runway Foaming Area						
Flow Field:				3			1				3		1
Location ID:				SB17008			SB18007		SB18008		SB18009		SB18010
Sample ID:				LORNG_SB17008_13-15_08042022	LORNG_SB17008_8-10_08042022	LORNG_SB17008_0-1_08042022	LORNG_SB18007_0-1_06152022	LORNG_SB18007_8-10_06152022	LORNG_SB18008_0-1_06152022	LORNG_SB18008_7-8_06152022	LORNG_SB18009_0-1_06152022	LORNG_SB18009_8-10_06152022	LORNG_SB18010_0-1_06152022
Sample Date:				8/4/2022	8/4/2022	8/4/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022
Sample Depth:				13-15	8-10	0-1	0-1	8-10	0-1	7-8	0-1	8-10	0-1
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9565616	46.9565616	46.9565616	46.9666309	46.9666309	46.9668609	46.9668609	46.9623966	46.9623966	46.9626144
Longitude:				-67.8959574	-67.8959574	-67.8959574	-67.891738	-67.891738	-67.8900305	-67.8900305	-67.8903574	-67.8903574	-67.8885514
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.00055 J	0.00096 J	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0055 UJ	0.0055 U	0.001 U	0.0011 U	0.00096 UJ	0.001 U	0.0011 UJ	0.001 U	0.001 UJ
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0055 UJ	0.0055 UJ	0.0055 U	0.001 U	0.0011 U	0.00096 UJ	0.001 U	0.0011 UJ	0.001 U	0.001 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00096 U	0.001 U	0.0011 U	0.001 U	0.001 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				1	3			1		3		1	
Location ID:				SB18010	SB18011			SB18012		SB18013		SB18014	
Sample ID:				LORNG_SB18010_8-10_06152022	LORNG_SB18011_8-10_06152022	LORNG_SB18011_0-1_06152022	LORNG_SB18011_8-10_06152022FD	LORNG_SB18012_0-1_06152022	LORNG_SB18012_8-10_06152022	LORNG_SB18013_0-1_06142022	LORNG_SB18013_8-10_06142022	LORNG_SB18014_0-1_06152022	LORNG_SB18014_8-10_06152022
Sample Date:				6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/14/2022	6/14/2022	6/15/2022	6/15/2022
Sample Depth:				8-10	8-10	0-1	8-10	0-1	8-10	0-1	8-10	0-1	8-10
Sample Type:				N	N	N	FD	N	N	N	N	N	N
Latitude:				46.9626144	46.9582519	46.9582519	46.9582519	46.9585216	46.9585216	46.9545677	46.9545677	46.9547917	46.9547917
Longitude:				-67.8885514	-67.8889069	-67.8889069	-67.8889069	-67.887182	-67.887182	-67.8876795	-67.8876795	-67.8859142	-67.8859142
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.00054 J	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.00057 J	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.00058 J	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.00065 J	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.00074 J	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.00079 J	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.00085 J	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.00077 J	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.00092 U	0.001 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.00082 J	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 UJ	0.0011 U	0.0051 U	0.00092 U	0.0012 U	0.001 U	0.0011 UJ	0.001 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 UJ	0.0054 U	0.0051 UJ	0.00092 U	0.006 U	0.001 U	0.0011 UJ	0.001 U	0.0054 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.00092 U	0.0012 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				3		2		3		2		4	
Location ID:				SB18015		SB18016		SB18017		SB18018		SB18019	
Sample ID:				LORNG_SB18015_0-1_06142022	LORNG_SB18015_8-10_06142022	LORNG_SB18016_0-1_06152022	LORNG_SB18016_8-10_06152022	LORNG_SB18017_0-1_06142022	LORNG_SB18017_8-10_06142022	LORNG_SB18018_8-10_06062022	LORNG_SB18018_0-1_06062022	LORNG_SB18019_0-1_06062022	LORNG_SB18019_8-10_06062022
Sample Date:				6/14/2022	6/14/2022	6/15/2022	6/15/2022	6/14/2022	6/14/2022	6/6/2022	6/6/2022	6/6/2022	6/6/2022
Sample Depth:				0-1	8-10	0-1	8-10	0-1	8-10	8-10	0-1	0-1	8-10
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9505429	46.9505429	46.9507804	46.9507804	46.9465566	46.9465566	46.9467644	46.9467644	46.9428754	46.9428754
Longitude:				-67.8862999	-67.8862999	-67.8845199	-67.8845199	-67.8849287	-67.8849287	-67.88316	-67.88316	-67.8836549	-67.8836549
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0052 U	0.0011 U	0.0049 U	0.001 U	0.0052 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0052 U	0.0011 U	0.0049 U	0.0052 U	0.0052 U	0.0011 U	0.001 U	0.0011 U	0.0057 U	0.0053 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.001 U	0.0011 U	0.00097 U	0.001 U	0.001 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				2		4		2	4			2	
Location ID:				SB18020		SB18021		SB18022	SB18023			SB18024	
Sample ID:				LORNG_SB18020_0-1_06162022	LORNG_SB18020_8-10_06162022	LORNG_SB18021_0-1_06052022	LORNG_SB18021_5-7_06052022	LORNG_SB18022_0-1_06052022	LORNG_SB18023_0-1_06052022	LORNG_SB18023_8-10_06052022	LORNG_SB18023_0-1_06052022FD	LORNG_SB18024_0-1_06052022	LORNG_SB18024_8-10_06052022
Sample Date:				6/16/2022	6/16/2022	6/5/2022	6/5/2022	6/5/2022	6/5/2022	6/5/2022	6/5/2022	6/5/2022	6/5/2022
Sample Depth:				0-1	8-10	0-1	5-7	0-1	0-1	8-10	0-1	0-1	8-10
Sample Type:				N	N	N	N	N	N	N	FD	N	N
Latitude:				46.9431574	46.9431574	46.9391221	46.9391221	46.9393604	46.9351409	46.9351409	46.9351409	46.9353431	46.9353431
Longitude:				-67.881924	-67.881924	-67.8823605	-67.8823605	-67.8806325	-67.8809851	-67.8809851	-67.8809851	-67.8790615	-67.8790615
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0024	0.0012 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0012 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				4		2		1		2			
Location ID:				SB18025		SB18026		SB18027		SB18028		SB18029	
Sample ID:				LORNG_SB18025_0-1_06052022	LORNG_SB18025_8-10_06052022	LORNG_SB18026_0-1_06052022	LORNG_SB18026_8-10_06052022	LORNG_SB18027_0-1_08052022	LORNG_SB18027_8-10_08052022	LORNG_SB18028_0-1_08052022	LORNG_SB18028_8-10_08052022	LORNG_SB18029_0-1_08052022	LORNG_SB18029_12-14_08052022
Sample Date:				6/5/2022	6/5/2022	6/5/2022	6/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022
Sample Depth:				0-1	8-10	0-1	8-10	0-1	8-10	0-1	8-10	0-1	12-14
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9325729	46.9325729	46.9327954	46.9327954	46.9593696	46.9593696	46.9447334	46.9447334	46.9351641	46.9351641
Longitude:				-67.8801177	-67.8801177	-67.8783702	-67.8783702	-67.8867757	-67.8867757	-67.8821322	-67.8821322	-67.874071	-67.874071
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00078 J	0.0012 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0044	0.0011 U	0.0011 U	0.0011 U	0.0091	0.0012 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0056 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0056 U	0.0011 U	0.0052 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				2					4				
Location ID:				SB18029			SB18030		SB18031		SB18032		
Sample ID:				LORNG_SB18029_8-10_08052022	LORNG_SB18029_0-1_08052022FD	LORNG_SB18029_12-14_08052022FD	LORNG_SB18030_0-1_08192022	LORNG_SB18030_9-10_08192022	LORNG_SB18031_0-1_08192022	LORNG_SB18031_7-8_08192022	LORNG_SB18032_7-8_08192022	LORNG_SB18032_0-1_08192022	LORNG_SB18032_0-1_08192022FD
Sample Date:				8/5/2022	8/5/2022	8/5/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022
Sample Depth:				8-10	0-1	12-14	0-1	9-10	0-1	7-8	7-8	0-1	0-1
Sample Type:				N	FD	FD	N	N	N	N	N	N	FD
Latitude:				46.9351641	46.9351641	46.9351641	46.943304	46.943304	46.9425761	46.9425761	46.9416429	46.9416429	46.9416429
Longitude:				-67.874071	-67.874071	-67.874071	-67.8859554	-67.8859554	-67.8841293	-67.8841293	-67.8852855	-67.8852855	-67.8852855
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.00092 J	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.00073 J	0.0012 U	0.0012 J	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.0118	0.0012 U	0.0017 J	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0028	0.0023
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				2									
Location ID:				SB18033		SB18034				SB18035		SB18036	
Sample ID:				LORNG_SB18033_00-01_10172023	LORNG_SB18033_07-09_10172023	LORNG_SB18034_00-01_10212023	LORNG_SB18034_06-08-10212023	LORNG_SB18034_13-15-10212023	LORNG_SB18034_06-08-10212023FD	LORNG_SB18035_00-01_10222023	LORNG_SB18035_04-06_10222023	LORNG_SB18036_00-01_10222023	LORNG_SB18036_06-08_10222023
Sample Date:				10/17/2023	10/17/2023	10/21/2023	10/21/2023	10/21/2023	10/21/2023	10/22/2023	10/22/2023	10/22/2023	10/22/2023
Sample Depth:				0-1	7-9	0-1	6-8	13-15	6-8	0-1	4-6	0-1	6-8
Sample Type:				N	N	N	N	N	FD	N	N	N	N
Latitude:				46.93524386	46.93524386	46.9356126	46.9356126	46.9356126	46.9356126	46.93590164	46.93590164	46.93740337	46.93740337
Longitude:				-67.87619565	-67.87619565	-67.87471707	-67.87471707	-67.87471707	-67.87471707	-67.87294741	-67.87294741	-67.87368214	-67.87368214
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0002 U	0.00015 J	0.00011 J	0.0002 U	0.00019 U	0.0002 U	0.00022 U	0.0002 U	0.00024 U	0.00021 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0001 U	0.00015 J	0.000098 U	0.0001 U	0.000095 U	0.0001 U	0.00011 U	0.000099 U	0.00012 U	0.0001 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0001 U	0.00013 J	0.00004 J	0.0001 U	0.000095 U	0.0001 U	0.00011 U	0.000099 U	0.00012 U	0.0001 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0001 U	0.00016 J	0.000045 J	0.0001 U	0.000095 U	0.0001 U	0.000053 J	0.000099 U	0.00012 U	0.0001 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0001 U	0.00033	0.000088 J	0.0001 U	0.000095 U	0.0001 U	0.0001 J	0.000099 U	0.000089 J	0.0001 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00012 U	0.0003	0.000095 J	0.00013 U	0.00012 U	0.00013 U	0.000084 J	0.00012 U	0.00009 J	0.00013 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0001 U	0.000085 J	0.000098 U	0.0001 U	0.000095 U	0.0001 U	0.00011 U	0.000099 U	0.000072 J	0.0001 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0001 U	0.00009 J	0.000098 U	0.0001 U	0.000095 U	0.0001 U	0.00011 U	0.000099 U	0.000088 U	0.0001 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0001 U	0.00011 U	0.000098 U	0.0001 U	0.000095 U	0.0001 U	0.00011 U	0.000099 U	0.000055 J	0.0001 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0001 U	0.00011 U	0.000098 U	0.0001 U	0.000095 U	0.0001 U	0.00011 U	0.000099 U	0.00012 U	0.0001 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0001 U	0.00011 U	0.000098 U	0.0001 U	0.000095 U	0.0001 U	0.00011 U	0.000099 U	0.00012 U	0.0001 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000088 U	0.0001 U	0.000087 U	0.000089 U	0.000084 U	0.000089 U	0.000096 U	0.000088 U	0.0001 U	0.000092 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000093 U	0.00011 U	0.000092 U	0.000094 U	0.000089 U	0.000094 U	0.0001 U	0.000093 U	0.00011 U	0.000097 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.000091 U	0.00018 J	0.000089 U	0.000092 UJ	0.000086 U	0.000092 UJ	0.000099 U	0.000091 U	0.00011 U	0.000095 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00012 U	0.00014 U	0.00012 U	0.00012 U	0.00011 U	0.00012 U	0.00013 U	0.00012 U	0.00014 U	0.00012 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.000092 U	0.00021	0.00047	0.00023 J	0.00027	0.00022 J	0.00058	0.00051	0.001	0.00096 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00012 U	0.00014 U	0.00012 U	0.00012 U	0.00011 U	0.00012 U	0.00013 U	0.00012 U	0.00014 U	0.00012 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000096 U	0.00011 U	0.000094 U	0.000097 U	0.000091 U	0.000097 U	0.0001 U	0.000096 U	0.00011 U	0.0001 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00016 U	0.00019 U	0.00016 U	0.00016 U	0.00015 U	0.00016 U	0.00018 U	0.00016 U	0.00019 U	0.00017 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00037 U	0.00043 U	0.00037 U	0.00038 U	0.00035 U	0.00038 U	0.00041 U	0.00037 U	0.00044 U	0.00039 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00037 U	0.00043 U	0.00037 U	0.00038 U	0.00035 U	0.00038 U	0.00041 U	0.00037 U	0.00044 U	0.00039 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00039 U	0.00044 U	0.00038 U	0.00039 U	0.00037 U	0.00039 U	0.00042 U	0.00039 U	0.00046 U	0.0004 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00005 U	0.000057 U	0.000049 U	0.00005 U	0.000047 U	0.00005 U	0.000054 U	0.00005 U	0.000059 U	0.000052 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0001 U	0.00011 U	0.000098 U	0.0001 U	0.000095 U	0.0001 U	0.00011 U	0.000099 U	0.00012 U	0.0001 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.00005 U	0.000057 U	0.000049 U	0.00005 U	0.000047 U	0.00005 U	0.000054 U	0.00005 U	0.000059 U	0.000052 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00016 U	0.00019 U	0.00016 U	0.00016 U	0.00015 U	0.00016 U	0.00018 U	0.00016 U	0.00019 U	0.00017 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00016 U	0.00019 U	0.00016 U	0.00016 U	0.00015 U	0.00016 U	0.00018 U	0.00016 U	0.00019 U	0.00017 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0014 U	0.0012 U	0.0015 U	0.0013 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0016 U	0.0019 U	0.0016 U	0.0016 U	0.0015 U	0.0016 U	0.0018 U	0.0016 U	0.0019 U	0.0017 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0002 U	0.00023 U	0.0002 U	0.0002 U	0.00019 U	0.0002 U	0.00022 U	0.0002 U	0.00024 U	0.00021 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00037 U	0.00043 U	0.00037 U	0.00038 U	0.00035 U	0.00038 U	0.00041 U	0.00037 U	0.00044 U	0.00039 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0001 U	0.00011 U	0.000098 U	0.0001 U	0.000095 U	0.0001 U	0.00011 U	0.000099 U	0.00012 U	0.0001 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0002 U	0.00023 U	0.0002 U	0.0002 U	0.00019 U	0.0002 U	0.00022 U	0.0002 U	0.00024 U	0.00021 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0025 U	0.0029 U	0.0025 U	0.0025 U	0.0024 U	0.0025 U	0.0027 U	0.0025 U	0.0029 U	0.0026 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00037 U	0.00043 U	0.00037 U	0.00038 U	0.00035 U	0.00038 U	0.00041 U	0.00037 U	0.00044 U	0.00039 U
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.00037 U	0.00043 U	0.00037 U	0.00038 U	0.00035 U	0.00038 U	0.00041 U	0.00037 U	0.00044 U	0.00039 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00029 U	0.00033 U	0.00028 U	0.00029 U	0.00027 U	0.00029 U	0.00031 U	0.00029 U	0.00034 U	0.0003 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00081 U	0.00093 U	0.0008 U	0.00082 U	0.00077 U	0.00081 U	0.00088 U	0.00081 U	0.00096 U	0.00084 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0041 U	0.0047 U	0.004 U	0.0042 U	0.0039 U	0.0041 U	0.0045 U	0.0041 U	0.0049 U	0.0043 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0041 U	0.0047 U	0.004 U	0.0042 U	0.0039 U	0.0041 U	0.0045 U	0.0041 U	0.0049 U	0.0043 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				2									
Location ID:				SB18037		SB18038			SB18039		SB18040		SB18041
Sample ID:				LORNG_SB18037_00-01-10212023	LORNG_SB18037_04-06_10222023	LORNG_SB18038_00-01-10212023	LORNG_SB18038_05-07-10212023	LORNG_SB18038_00-01-10212023FD	LORNG_SB18039_00-01-10212023	LORNG_SB18039_01-03-10212023	LORNG_SB18040_00-01-10212023	LORNG_SB18040_07-09-10212023	LORNG_SB18041_00-01_10172023
Sample Date:				10/22/2023	10/22/2023	10/21/2023	10/21/2023	10/21/2023	10/21/2023	10/21/2023	10/21/2023	10/21/2023	10/17/2023
Sample Depth:				0-1	4-6	0-1	5-7	0-1	0-1	1-3	0-1	7-9	0-1
Sample Type:				N	N	N	N	FD	N	N	N	N	N
Latitude:				46.93848802	46.93848802	46.9386329	46.9386329	46.9386329	46.93747027	46.93747027	46.93676475	46.93676475	46.93579169
Longitude:				-67.87358843	-67.87358843	-67.87469948	-67.87469948	-67.87469948	-67.87483588	-67.87483588	-67.8755648	-67.8755648	-67.87717752
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00029 U	0.0002 U	0.00019 U	0.00019 U	0.00019 U	0.00021 U	0.0002 U	0.00014 J	0.00021 U	0.00017 J
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00015 U	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.000051 J	0.0001 U	0.00006 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00015 U	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.00013 U	0.0001 U	0.000054 J
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00015 U	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.000049 J	0.0001 U	0.000088 J
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00015 U	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.00013 U	0.0001 U	0.00013 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00018 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00013 U	0.00012 U	0.000081 J	0.00013 U	0.00013 J
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00018 J	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.000097 J	0.0001 U	0.00011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00026 J	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.0001 J	0.0001 U	0.000054 J
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00013 J	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.000067 J	0.0001 U	0.00011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000082 J	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.00013 U	0.0001 U	0.00011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00015 U	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.00013 U	0.0001 U	0.00011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00013 U	0.000087 U	0.000084 U	0.000082 U	0.000086 U	0.000094 U	0.000089 U	0.00011 U	0.000091 U	0.000027 J
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00014 U	0.000092 U	0.000089 U	0.000087 U	0.000091 U	0.000099 U	0.000094 U	0.00012 U	0.000096 U	0.0001 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00013 U	0.00009 U	0.000086 U	0.000085 U	0.000089 U	0.000097 U	0.000091 U	0.00011 U	0.000094 U	0.0002 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00018 U	0.00012 U	0.00011 U	0.00011 U	0.00012 U	0.00013 U	0.00012 U	0.00015 U	0.00012 U	0.00013 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011	0.000091 U	0.000087 U	0.000086 U	0.00009 U	0.000098 U	0.000092 U	0.00035	0.000095 U	0.0011
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00018 U	0.00012 U	0.00011 U	0.00011 U	0.00012 U	0.00013 U	0.00012 U	0.00015 U	0.00012 U	0.00013 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00014 U	0.000095 U	0.000091 U	0.000089 U	0.000093 U	0.0001 U	0.000096 U	0.00012 U	0.000099 U	0.00011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00024 U	0.00016 U	0.00015 U	0.00015 U	0.00016 U	0.00017 U	0.00016 U	0.0002 U	0.00017 U	0.00018 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00055 U	0.00037 U	0.00035 U	0.00035 U	0.00036 U	0.0004 U	0.00037 U	0.00047 U	0.00038 U	0.00041 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00055 U	0.00037 U	0.00035 U	0.00035 U	0.00036 U	0.0004 U	0.00037 U	0.00047 U	0.00038 U	0.00041 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00057 U	0.00038 U	0.00037 U	0.00036 U	0.00038 U	0.00041 U	0.00039 U	0.00048 U	0.0004 U	0.00042 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000074 U	0.000049 U	0.000047 U	0.000046 U	0.000049 U	0.000053 U	0.00005 U	0.000063 U	0.000051 U	0.000055 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00015 U	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.00013 U	0.0001 U	0.00011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000074 U	0.000049 U	0.000047 U	0.000046 U	0.000049 U	0.000053 U	0.00005 U	0.000063 U	0.000051 U	0.000055 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00024 U	0.00016 U	0.00015 U	0.00015 U	0.00016 U	0.00017 U	0.00016 U	0.0002 U	0.00017 U	0.00018 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00024 U	0.00016 U	0.00015 U	0.00015 U	0.00016 U	0.00017 U	0.00016 U	0.0002 U	0.00017 U	0.00018 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0018 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0016 U	0.0013 U	0.0014 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0024 U	0.0016 U	0.0015 U	0.0015 U	0.0016 U	0.0017 U	0.0016 U	0.002 U	0.0017 U	0.0018 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00029 U	0.0002 U	0.00019 U	0.00019 U	0.00019 U	0.00021 U	0.0002 U	0.00025 U	0.00021 U	0.00022 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00055 U	0.00037 U	0.00035 U	0.00035 U	0.00036 U	0.0004 U	0.00037 U	0.00047 U	0.00038 U	0.00041 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.00015 U	0.000098 U	0.000095 U	0.000093 U	0.000097 U	0.00011 U	0.0001 U	0.00013 U	0.0001 U	0.00011 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00029 U	0.0002 U	0.00019 U	0.00019 U	0.00019 U	0.00021 U	0.0002 U	0.00025 U	0.00021 U	0.00022 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0037 U	0.0025 U	0.0024 U	0.0023 U	0.0024 U	0.0026 U	0.0025 U	0.0031 U	0.0026 U	0.0027 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00055 U	0.00037 U	0.00035 U	0.00035 U	0.00036 U	0.0004 U	0.00037 U	0.00047 U	0.00038 U	0.00041 U
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.00055 U	0.00037 U	0.00035 U	0.00035 U	0.00036 U	0.0004 U	0.00037 U	0.00047 U	0.00038 U	0.00041 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00042 U	0.00028 U	0.00027 U	0.00027 U	0.00028 U	0.0003 U	0.00029 U	0.00036 U	0.0003 U	0.00031 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0012 U	0.0008 U	0.00077 U	0.00075 U	0.00079 U	0.00086 U	0.00081 U	0.001 U	0.00083 U	0.00089 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0061 U	0.0041 U	0.0039 U	0.0038 U	0.004 U	0.0044 U	0.0041 U	0.0052 U	0.0042 U	0.0045 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0061 U	0.0041 U	0.0039 U	0.0038 U	0.004 U	0.0044 U	0.0041 U	0.0052 U	0.0042 U	0.0045 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				2					4				
Location ID:				SB18041			SB18042		SB18043	SB18044	SB18045		
Sample ID:				LORNG_SB18041_06-08_10172023	LORNG_SB18041_11-13_10172023	LORNG_SB18041_06-08_10172023FD	LORNG_SB18042_00-01_10172023	LORNG_SB18042_07-09_10172023	LORNG_SB18043_00-01_10172023	LORNG_SB18044_00-01_10172023	LORNG_SB18045_00-01_10172023	LORNG_SB18045_07-09_10172023	LORNG_SB18045_13-15_10172023
Sample Date:				10/17/2023	10/17/2023	10/17/2023	10/17/2023	10/17/2023	10/17/2023	10/17/2023	10/17/2023	10/17/2023	10/17/2023
Sample Depth:				6-8	11-13	6-8	0-1	7-9	0-1	0-1	0-1	7-9	13-15
Sample Type:				N	N	FD	N	N	N	N	N	N	N
Latitude:				46.93579169	46.93579169	46.93579169	46.93530206	46.93530206	46.93325013	46.93224329	46.93175828	46.93175828	46.93175828
Longitude:				-67.87717752	-67.87717752	-67.87717752	-67.88304623	-67.88304623	-67.8828827	-67.88347577	-67.88414854	-67.88414854	-67.88414854
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00019 U	0.0002 U	0.00019 U	0.00018 U	0.00018 U	0.00041 J	0.00064 J	0.00018 U	0.00019 U	0.00021 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00053 J	0.00062 J	0.00009 U	0.000093 U	0.00011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00029 J	0.00063	0.00009 U	0.000093 U	0.00011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00039 J	0.00047 J	0.00009 U	0.000093 U	0.00011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00056	0.0011	0.00009 U	0.000093 U	0.00011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00012 U	0.00012 U	0.00012 U	0.00011 U	0.00011 U	0.00036 J	0.00069	0.00011 U	0.00012 U	0.00013 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00021 J	0.00032 J	0.00009 U	0.000093 U	0.00011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.0002 J	0.00046 J	0.00009 U	0.000093 U	0.00011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00016 U	0.00017 J	0.00009 U	0.000093 U	0.00011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00016 U	0.00013 J	0.00009 U	0.000093 U	0.00011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00016 U	0.000075 J	0.00009 U	0.000093 U	0.00011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000085 U	0.000088 U	0.000083 U	0.000078 U	0.000079 U	0.00014 U	0.00019 U	0.00008 U	0.000082 U	0.000094 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00009 U	0.000093 U	0.000087 U	0.000083 U	0.000083 U	0.00015 U	0.0002 U	0.000084 U	0.000087 U	0.000099 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.000087 U	0.000091 U	0.000085 U	0.00008 U	0.000081 U	0.0005	0.0017	0.000082 U	0.000085 U	0.000097 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00011 U	0.00012 U	0.00011 U	0.0001 U	0.00011 U	0.00019 U	0.00013 J	0.00011 U	0.00011 U	0.00013 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.000089 U	0.000092 U	0.000086 U	0.000082 U	0.000082 U	0.026	0.074	0.00018 J	0.0012	0.0014
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00011 U	0.00012 U	0.00011 U	0.00011 U	0.00011 U	0.0001 J	0.00028 J	0.00011 U	0.00011 U	0.00013 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000092 U	0.000096 U	0.00009 U	0.000085 U	0.000085 U	0.000078 J	0.00017 J	0.000086 U	0.000089 U	0.0001 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00016 U	0.00016 U	0.00015 U	0.00014 U	0.00014 U	0.00026 U	0.00035 U	0.00015 U	0.00015 U	0.00017 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00036 U	0.00037 U	0.00035 U	0.00033 U	0.00033 U	0.0006 U	0.00081 U	0.00034 U	0.00035 U	0.0004 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00036 U	0.00037 U	0.00035 U	0.00033 U	0.00033 U	0.0006 U	0.00081 U	0.00034 U	0.00035 U	0.0004 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00037 U	0.00039 U	0.00036 U	0.00034 U	0.00034 U	0.00062 U	0.00084 U	0.00035 U	0.00036 U	0.00041 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000048 U	0.00005 U	0.000047 U	0.000044 U	0.000044 U	0.000051 J	0.00021 J	0.00005 J	0.000046 U	0.000053 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00016 U	0.00022 U	0.00009 U	0.000093 U	0.00011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000048 U	0.00005 U	0.000047 U	0.000044 U	0.000044 U	0.00008 U	0.00011 U	0.000045 U	0.000046 U	0.000053 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00016 U	0.00016 U	0.00015 U	0.00014 U	0.00014 U	0.00026 U	0.00035 U	0.00015 U	0.00015 U	0.00017 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00016 U	0.00016 U	0.00015 U	0.00014 U	0.00014 U	0.00026 U	0.00035 U	0.00015 U	0.00015 U	0.00017 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.002 U	0.0027 U	0.0011 U	0.0012 U	0.0013 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0016 U	0.0016 U	0.0015 U	0.0014 U	0.0014 U	0.0026 U	0.0035 U	0.0015 U	0.0015 U	0.0017 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00019 U	0.0002 U	0.00019 U	0.00018 U	0.00018 U	0.00032 U	0.00043 U	0.00018 U	0.00019 U	0.00021 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00036 U	0.00037 U	0.00035 U	0.00033 U	0.00033 U	0.0006 U	0.00081 U	0.00034 U	0.00035 U	0.0004 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.000096 U	0.000099 U	0.000093 U	0.000088 U	0.000089 U	0.00016 U	0.00022 U	0.00009 U	0.000093 U	0.00011 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00019 U	0.0002 U	0.00019 U	0.00018 U	0.00018 U	0.00032 U	0.00043 U	0.00018 U	0.00019 U	0.00021 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0024 U	0.0025 U	0.0023 U	0.0022 U	0.0022 U	0.004 U	0.0054 U	0.0022 U	0.0023 U	0.0026 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00036 U	0.00037 U	0.00035 U	0.00033 U	0.00033 U	0.0006 U	0.00081 U	0.00034 U	0.00035 U	0.0004 U
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.00036 U	0.00037 U	0.00035 U	0.00033 U	0.00033 U	0.0006 U	0.00081 U	0.00034 U	0.00035 U	0.0004 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00028 U	0.00029 U	0.00027 U	0.00025 U	0.00025 U	0.00046 U	0.00062 U	0.00026 U	0.00027 U	0.0003 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00078 U	0.00081 U	0.00076 U	0.00072 U	0.00072 U	0.0013 U	0.0018 U	0.00073 U	0.00075 U	0.00086 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.004 U	0.0041 U	0.0038 U	0.0036 U	0.0037 U	0.0066 U	0.0089 U	0.0037 U	0.0038 U	0.0044 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.004 U	0.0041 U	0.0038 U	0.0036 U	0.0037 U	0.0066 U	0.0089 U	0.0037 U	0.0038 U	0.0044 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				4									
Location ID:				SB18046		SB18047	SB18048		SB18049		SB18050		
Sample ID:				LORNG_SB18046_00-01_10172023	LORNG_SB18046_02-04_10172023	LORNG_SB18047_00-01_10172023	LORNG_SB18048_00-01_10172023	LORNG_SB18048_00-01_10172023FD	LORNG_SB18049_00-01_10162023	LORNG_SB18049_02-04_10162023	LORNG_SB18050_00-01_10192023	LORNG_SB18050_04-06_10192023	LORNG_SB18050_11-13_10192023
Sample Date:				10/17/2023	10/17/2023	10/17/2023	10/17/2023	10/17/2023	10/16/2023	10/16/2023	10/19/2023	10/19/2023	10/19/2023
Sample Depth:				0-1	2-4	0-1	0-1	0-1	0-1	2-4	0-1	4-6	11-13
Sample Type:				N	N	N	N	FD	N	N	N	N	N
Latitude:				46.93198189	46.93198189	46.93207784	46.93185961	46.93185961	46.93122178	46.93122178	46.93205372	46.93205372	46.93205372
Longitude:				-67.88416259	-67.88416259	-67.88446535	-67.88462052	-67.88462052	-67.88529267	-67.88529267	-67.88594251	-67.88594251	-67.88594251
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00026 U	0.00018 U	0.00019 J	0.0002 J	0.00013 J	0.00019 U	0.00019 U	0.00018 U	0.0002 U	0.00019 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.000063 J	0.00009 U	0.00011 J	0.00014 J	0.00008 J	0.000097 U	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00004 J	0.00009 U	0.000092 J	0.00023 J	0.00013 J	0.000045 J	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.000044 J	0.00009 U	0.00011 J	0.00018 J	0.0001 J	0.000097 U	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.000068 J	0.00009 U	0.00031 J	0.00046 J	0.00021 J	0.000057 J	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00016 U	0.00011 U	0.00026 J	0.0003 J	0.00014 J	0.00012 U	0.00012 U	0.00011 U	0.00012 U	0.00012 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00013 U	0.00009 U	0.000066 J	0.000088 J	0.000052 J	0.000097 U	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000059 J	0.00009 U	0.000089 J	0.000091 J	0.000052 J	0.000097 U	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00013 U	0.00009 U	0.00014 U	0.00011 U	0.00012 U	0.000097 U	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00013 U	0.00009 U	0.00014 U	0.00011 U	0.00012 U	0.000097 U	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00013 U	0.00009 U	0.00014 U	0.00011 U	0.00012 U	0.000097 U	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00012 U	0.00008 U	0.00012 U	0.0001 U	0.00011 U	0.000086 U	0.000085 U	0.00008 U	0.000087 U	0.000084 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00012 U	0.000084 U	0.00013 U	0.00011 U	0.00011 U	0.000091 U	0.00009 U	0.000084 U	0.000092 U	0.000089 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00012 U	0.000088 J	0.00033	0.00042 J	0.0003 J	0.00044	0.00023	0.000082 U	0.00009 U	0.000087 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00015 U	0.00011 U	0.00017 U	0.00014 U	0.00014 U	0.00011 U	0.00011 U	0.00011 U	0.00012 U	0.00011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00089	0.00044	0.0037	0.0033 J	0.0021 J	0.0011	0.00025	0.000083 U	0.000091 U	0.000088 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00016 U	0.00011 U	0.00017 U	0.00014 U	0.00014 U	0.00012 U	0.00011 U	0.00011 U	0.00012 U	0.00011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00013 U	0.000087 U	0.00014 U	0.00011 U	0.00012 U	0.000093 U	0.000092 U	0.000086 U	0.000095 U	0.000091 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00021 U	0.00015 U	0.00023 U	0.00019 U	0.00019 U	0.00016 U	0.00016 U	0.00015 U	0.00016 U	0.00015 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00049 U	0.00034 U	0.00053 U	0.00043 U	0.00045 U	0.00036 U	0.00036 U	0.00034 U	0.00037 U	0.00036 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00049 U	0.00034 U	0.00053 U	0.00043 U	0.00045 U	0.00036 U	0.00036 U	0.00034 U	0.00037 U	0.00036 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0005 U	0.00035 U	0.00055 U	0.00044 U	0.00046 U	0.00037 U	0.00037 U	0.00035 U	0.00038 U	0.00037 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000065 U	0.000045 U	0.00007 U	0.000057 U	0.00006 U	0.000058 J	0.000048 U	0.000045 U	0.000049 U	0.000047 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00013 U	0.00009 U	0.00014 U	0.00011 U	0.00012 U	0.000097 U	0.000096 U	0.00009 U	0.000098 U	0.000095 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000065 U	0.000045 U	0.00007 U	0.000057 U	0.00006 U	0.000048 U	0.000048 U	0.000045 U	0.000049 U	0.000047 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00021 U	0.00015 U	0.00023 U	0.00019 U	0.00019 U	0.00016 U	0.00016 U	0.00015 U	0.00016 U	0.00015 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00021 U	0.00015 U	0.00023 U	0.00019 U	0.00019 U	0.00016 U	0.00016 U	0.00015 U	0.00016 U	0.00015 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0016 U	0.0011 U	0.0018 U	0.0014 U	0.0015 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0021 U	0.0015 U	0.0023 U	0.0019 U	0.0019 U	0.0016 U	0.0016 U	0.0015 U	0.0016 U	0.0015 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00026 U	0.00018 U	0.00028 U	0.00023 U	0.00024 U	0.00019 U	0.00019 U	0.00018 U	0.0002 U	0.00019 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00049 U	0.00034 U	0.00053 U	0.00043 U	0.00045 U	0.00036 U	0.00036 U	0.00034 U	0.00037 U	0.00036 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.00013 U	0.00009 U	0.00014 U	0.00011 U	0.00012 U	0.000097 U	0.000096 U	0.00009 U	0.000098 U	0.000095 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00026 U	0.00018 U	0.00028 U	0.00023 U	0.00024 U	0.00019 U	0.00019 U	0.00018 U	0.0002 U	0.00019 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0033 U	0.0022 U	0.0035 U	0.0029 U	0.003 U	0.0024 U	0.0024 U	0.0022 U	0.0025 U	0.0024 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00049 U	0.00034 U	0.00053 U	0.00043 U	0.00045 U	0.00036 U	0.00036 U	0.00034 U	0.00037 U	0.00036 U
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.00049 U	0.00034 U	0.00053 U	0.00043 U	0.00045 U	0.00036 U	0.00036 U	0.00034 U	0.00037 U	0.00036 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00037 U	0.00026 U	0.0004 U	0.00033 U	0.00034 U	0.00028 U	0.00028 U	0.00026 U	0.00028 U	0.00027 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0011 U	0.00073 U	0.0011 U	0.00093 U	0.00097 U	0.00078 U	0.00078 U	0.00073 U	0.0008 U	0.00077 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0054 U	0.0037 U	0.0058 U	0.0047 U	0.0049 U	0.004 U	0.0039 U	0.0037 U	0.0041 U	0.0039 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0054 U	0.0037 U	0.0058 U	0.0047 U	0.0049 U	0.004 U	0.0039 U	0.0037 U	0.0041 U	0.0039 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				4									
Location ID:				SB18051		SB18052		SB18053		SB18054		SB18055	SB18056
Sample ID:				LORNG_SB18051_00-01_10192023	LORNG_SB18051_03-05_10192023	LORNG_SB18052_00-01_10172023	LORNG_SB18052_01-02_10172023	LORNG_SB18053_00-01_10172023	LORNG_SB18053_04-06_10172023	LORNG_SB18054_0-1_09262024	LORNG_SB18054_0-1_09262024FD	LORNG_SB18055_0-1_09262024	LORNG_SB18056_13-15_09262024
Sample Date:				10/19/2023	10/19/2023	10/17/2023	10/17/2023	10/17/2023	10/17/2023	9/26/2024	9/26/2024	9/26/2024	9/26/2024
Sample Depth:				0-1	3-5	0-1	1-2	0-1	4-6	0-1	0-1	0-1	13-15
Sample Type:				N	N	N	N	N	N	N	FD	N	N
Latitude:				46.93342406	46.93342406	46.93398338	46.93398338	46.932086	46.932086	46.93202735	46.93202735	46.93306286	46.93358328
Longitude:				-67.88751905	-67.88751905	-67.88559408	-67.88559408	-67.88729425	-67.88729425	-67.88256354	-67.88256354	-67.88161394	-67.88208771
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00019 U	0.00019 U	0.00019 U	0.0002 U	0.00019 U	0.0002 U	0.0045 U	0.0047 U	0.0046 U	0.0045 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.000095 U	0.000093 U	0.000041 J	0.000075 J	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000027 J	0.000093 U	0.000096 U	0.000051 J	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.000095 U	0.000093 U	0.000096 U	0.000098 U	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.000095 U	0.000093 U	0.000096 U	0.000098 U	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.000095 U	0.000093 U	0.000096 U	0.000098 U	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000095 U	0.000093 U	0.000096 U	0.000098 U	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.000095 U	0.000093 U	0.000096 U	0.000098 U	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000095 U	0.000093 U	0.000096 U	0.000098 U	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.000095 U	0.000093 U	0.000096 U	0.000098 U	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000084 U	0.000082 U	0.000031 J	0.000087 U	0.000086 U	0.000088 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000089 U	0.000087 U	0.00009 U	0.000092 U	0.000091 U	0.000093 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.000087 U	0.000085 U	0.000088 U	0.000089 U	0.000088 U	0.000091 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00011 U	0.00011 U	0.00011 U	0.00012 U	0.00011 U	0.00012 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00027	0.00012 J	0.00031	0.00029	0.00018 J	0.00035	0.002 J	0.0026 J	0.0049 J	0.0023 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00011 U	0.00011 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000092 U	0.000089 U	0.000093 U	0.000094 U	0.000093 U	0.000096 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00015 U	0.00015 U	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00036 U	0.00035 U	0.00036 U	0.00037 U	0.00036 U	0.00037 U	0.0056 U	0.0059 U	0.0058 U	0.0057 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00036 U	0.00035 U	0.00036 U	0.00037 U	0.00036 U	0.00037 U	0.0056 U	0.0059 U	0.0058 U	0.0057 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00037 U	0.00036 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U	0.0056 U	0.0059 U	0.0058 U	0.0057 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000048 U	0.000046 U	0.000048 U	0.000028 J	0.000048 U	0.00005 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.000095 U	0.000093 U	0.000096 U	0.000098 U	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000048 U	0.000046 U	0.000048 U	0.000049 U	0.000048 U	0.00005 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00015 U	0.00015 U	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00015 U	0.00015 U	0.00016 U	0.00016 U	0.00016 U	0.00016 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.011 U	0.012 U	0.012 U	0.011 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0015 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.011 U	0.012 U	0.012 U	0.011 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00019 U	0.00019 U	0.00019 U	0.0002 U	0.00019 U	0.0002 U	0.0045 U	0.0047 U	0.0046 U	0.0045 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00036 U	0.00035 U	0.00036 U	0.00037 U	0.00036 U	0.00037 U	0.0045 U	0.0047 U	0.0046 U	0.0045 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.000095 U	0.000093 U	0.000096 U	0.000098 U	0.000097 U	0.0001 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00019 U	0.00019 U	0.00019 U	0.0002 U	0.00019 U	0.0002 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0024 U	0.0023 U	0.0024 U	0.0024 U	0.0024 U	0.0025 U	0.0045 U	0.0047 U	0.0046 U	0.0045 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00036 U	0.00035 U	0.00036 U	0.00037 U	0.00036 U	0.00037 U	0.0056 U	0.0059 U	0.0058 U	0.0057 U
11-Chlororeicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.00036 U	0.00035 U	0.00036 U	0.00037 U	0.00036 U	0.00037 U	0.0056 U	0.0059 U	0.0058 U	0.0057 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00027 U	0.00027 U	0.00028 U	0.00028 U	0.00028 U	0.00029 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00077 U	0.00075 U	0.00078 U	0.00079 U	0.00079 U	0.00081 U	0.0056 U	0.0059 U	0.0058 U	0.0057 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0039 U	0.0038 U	0.004 U	0.004 U	0.004 U	0.0041 U	0.028 U	0.03 U	0.029 U	0.028 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0039 U	0.0038 U	0.004 U	0.004 U	0.004 U	0.0041 U	0.028 U	0.03 U	0.029 U	0.028 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area									
Flow Field:				4				3					
Location ID:				SB18056			SB18057	SS18001	SS18002	SS18003	SS18004	SS18005	SS18006
Sample ID:				LORNG_SB18056_0-1_09262024	LORNG_SB18056_6-8_09262024	LORNG_SB18056_13-15_09262024FD	LORNG_SB18057_0-1_09262024	LORNG_SS18001_0-1_06192022	LORNG_SS18002_0-1_06192022	LORNG_SS18003_0-1_06192022	LORNG_SS18004_0-1_06192022	LORNG_SS18005_0-1_06192022	LORNG_SS18006_0-1_06192022
Sample Date:				9/26/2024	9/26/2024	9/26/2024	9/26/2024	6/19/2022	6/19/2022	6/19/2022	6/19/2022	6/19/2022	6/19/2022
Sample Depth:				0-1	6-8	13-15	0-1	0-1	0-1	0-1	0-1	0-1	0-1
Sample Type:				N	N	FD	N	N	N	N	N	N	N
Latitude:				46.93358328	46.93358328	46.93358328	46.93376765	46.9545947	46.9548059	46.948904	46.9490349	46.9467785	46.946918
Longitude:				-67.88208771	-67.88208771	-67.88208771	-67.88303784	-67.8909569	-67.8897314	-67.8890271	-67.8877597	-67.8882067	-67.8870571
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0052 U	0.0048 U	0.0045 U	0.0046 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 J	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0425	0.0024 U	0.0023 U	0.0059 J+	0.00072 J	0.0012 U	0.00096 J	0.00096 J	0.00076 J	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0014 J	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0065 U	0.006 U	0.0056 U	0.0057 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0065 U	0.006 U	0.0056 U	0.0057 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0065 U	0.006 U	0.0056 U	0.0057 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 UJ	0.0012 UJ	0.0012 UJ	0.0011 UJ	0.0011 UJ
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0058 UJ	0.0058 U	0.0058 UJ	0.0057 U	0.0055 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.013 U	0.012 U	0.011 U	0.011 U	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.013 U	0.012 U	0.011 U	0.011 U	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0052 U	0.0048 U	0.0045 U	0.0046 U	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.0052 U	0.0048 U	0.0045 U	0.0046 U	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0052 U	0.0048 U	0.0045 U	0.0046 U	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0065 U	0.006 U	0.0056 U	0.0057 U	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.0065 U	0.006 U	0.0056 U	0.0057 U	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.0026 U	0.0024 U	0.0023 U	0.0023 U	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0065 U	0.006 U	0.0056 U	0.0057 U	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.033 U	0.03 U	0.028 U	0.029 U	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.033 U	0.03 U	0.028 U	0.029 U	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				18. Main Runway Foaming Area				19. KC-135 Crash Area					
Flow Field:				4				4					
Location ID:				SS18007	SS18008	SS18009	SS18010	SB19006	SB19007	SB19008	SS19009	SS19010	SS19011
Sample ID:				LORNG_SS18007_0-1_06192022	LORNG_SS18008_0-1_06192022	LORNG_SS18009_0-1_06192022	LORNG_SS18010_0-1_06192022	LORNG_SB19006_0-1_09132022	LORNG_SB19007_0-1_09132022	LORNG_SB19008_0-1_09132022	LORNG_SS19009_0-1_06202022	LORNG_SS19010_0-1_06202022	LORNG_SS19011_0-1_06202022
Sample Date:				6/19/2022	6/19/2022	6/19/2022	6/19/2022	9/13/2022	9/13/2022	9/13/2022	6/20/2022	6/20/2022	6/20/2022
Sample Depth:				0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.9423984	46.9425025	46.9372819	46.937395	46.9305253	46.9303683	46.930713	46.9304765	46.9307169	46.930882
Longitude:				-67.8866008	-67.8856762	-67.8850457	-67.8839002	-67.8788151	-67.8795185	-67.8795652	-67.8789865	-67.8787059	-67.8791344
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.001 J	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.00076 J	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0014 J	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.004	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0014 J	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0038	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0015 J	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.002 J	0.0023 J	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0096	0.0924	0.0012 J	0.00074 J	0.0013 U	0.00069 J	0.0036	0.00076 J	0.0069	0.0046
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.00063 J	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0081	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0511	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.012	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.006 UJ	0.0062 UJ	0.0013 UJ	0.0062 U	0.0013 UJ	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0012 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0015 U	0.0016 U	0.0013 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				19. KC-135 Crash Area		20. B-52 Crash Area							
Flow Field:				4		1							
Location ID:				SS19012	SS19013	SB20005		SB20006		SB20007		SB20008	
Sample ID:				LORNG_SS19012_0-1_06202022	LORNG_SS19013_0-1_06202022	LORNG_SB20005_0-1_06182022	LORNG_SB20005_2-3_06182022	LORNG_SB20006_0-1_06182022	LORNG_SB20006_8-10_06182022	LORNG_SB20006_0-1_06182022FD	LORNG_SB20007_0-1_06182022	LORNG_SB20007_8-10_06182022	LORNG_SB20008_0-1_06182022
Sample Date:				6/20/2022	6/20/2022	6/18/2022	6/18/2022	6/18/2022	6/18/2022	6/18/2022	6/18/2022	6/18/2022	6/18/2022
Sample Depth:				0-1	0-1	0-1	2-3	0-1	8-10	0-1	0-1	8-10	0-1
Sample Type:				N	N	N	N	N	N	FD	N	N	N
Latitude:				46.930498	46.930407	46.9690791	46.9690791	46.9694707	46.9694707	46.9694707	46.9695746	46.9695746	46.9696711
Longitude:				-67.8796088	-67.8791971	-67.892913	-67.892913	-67.8921855	-67.8921855	-67.8921855	-67.8914874	-67.8914874	-67.8907611
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0012 J
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 J	0.00077 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0018 J	0.0014 U	0.0071	0.0011 U	0.0059	0.0012 U	0.0048	0.0274	0.0115	0.0219
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.00093 J	0.0014 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0016 U	0.0014 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0014 UJ
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				20. B-52 Crash Area									
Flow Field:				1									
Location ID:				SB20008	SB20009						SB20010		
Sample ID:				LORNG_SB20008_8-10_06182022	LORNG_SB20009_13-15_08082022	LORNG_SB20009_8-10_08082022	LORNG_SB20009_0-1_08082022	LORNG_SB20009_13-15_08082022FD	LORNG_SB20009_8-10_08082022FD	LORNG_SB20009_0-1_08082022FD	LORNG_SB20010_0-1_08162022	LORNG_SB20010_7-8_08162022	LORNG_SB20010_7-8_08162022S
Sample Date:				6/18/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/8/2022	8/16/2022	8/16/2022	8/16/2022
Sample Depth:				8-10	13-15	8-10	0-1	13-15	8-10	0-1	0-1	7-8	7-8
Sample Type:				N	N	N	N	FD	FD	FD	N	N	FD
Latitude:				46.9696711	46.9694649	46.9694649	46.9694649	46.9694649	46.9694649	46.9694649	46.9696436	46.9696436	46.9696436
Longitude:				-67.8907611	-67.8913207	-67.8913207	-67.8913207	-67.8913207	-67.8913207	-67.8913207	-67.8920459	-67.8920459	-67.8920459
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 U	0.00088 J	0.001 J	0.00066 J	0.0008 J	0.001 J	0.00097 J	0.0011 U	0.0011 U	0.000987 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0025	0.0068	0.006	0.0141	0.0064	0.0081	0.0213	0.00065 J	0.0011 U	0.000987 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00041 J	0.00056 U	0.00054 U	0.00059 J	0.0011 U	0.0011 U	0.000987 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 J	0.00056 U	0.00054 U	0.00072 J	0.0011 U	0.0011 U	0.000987 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 U	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 UJ	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 UJ	0.00056 U	0.00055 U	0.00055 U	0.00056 U	0.00054 U	0.00057 U	0.0011 U	0.0011 U	0.000987 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				20. B-52 Crash Area									
Flow Field:				1									
Location ID:				SB20011		SB20012		SB20013		SB20014			SB20015
Sample ID:				LORNG_SB20011_0-1_08162022	LORNG_SB20011_7-8_08162022	LORNG_SB20012_7-8_08162022	LORNG_SB20012_0-1_08162022	LORNG_SB20013_0-1_08162022	LORNG_SB20013_6-7_08162022	LORNG_SB20014_0-1_08162022	LORNG_SB20014_7-8_08162022	LORNG_SB20014_7-8_08162022FD	LORNG_SB20015_00-01_10202023
Sample Date:				8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022	10/20/2023
Sample Depth:				0-1	7-8	7-8	0-1	0-1	6-7	0-1	7-8	7-8	0-1
Sample Type:				N	N	N	N	N	N	N	N	FD	N
Latitude:				46.9697532	46.9697532	46.9698709	46.9698709	46.9694347	46.9694347	46.9692746	46.9692746	46.9692746	46.96942194
Longitude:				-67.8915341	-67.8915341	-67.8909463	-67.8909463	-67.8902865	-67.8902865	-67.8904851	-67.8904851	-67.8904851	-67.89084596
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00022 J
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00015 J
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00033
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00015 J
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00032
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00021 J
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.000096 J
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00019 J
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.000042 J
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.000041 J
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.000064 J
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0014
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00013 J
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0025	0.0011 U	0.0011 U	0.0084	0.00088 J	0.0013 J	0.0013 J	0.0011 U	0.0011 U	0.025
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00079
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0016
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00028
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00039 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00039 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00041 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00036
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U	0.0011 U	0.00011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000053 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00017 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00017 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0013 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0017 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00021 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00039 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00011 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00021 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0026 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00039 U
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00039 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0003 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00085 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0043 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0043 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				20. B-52 Crash Area									
Flow Field:				1									
Location ID:				SB20015	SB20016		SB20017				SB20018		
Sample ID:				LORNG_SB20015_04-06_10202023	LORNG_SB20016_00-01_10202023	LORNG_SB20016_02-04_10202023	LORNG_SB20017_13-15_09272024	LORNG_SB20017_7-9_09272024	LORNG_SB20017_0-1_09272024	LORNG_SB20017_13-15_09272024S	LORNG_SB20018_0-1_09272024	LORNG_SB20018_13-15_09272024	LORNG_SB20018_7-9_09272024
Sample Date:				10/20/2023	10/20/2023	10/20/2023	9/27/2024	9/27/2024	9/27/2024	9/27/2024	9/27/2024	9/27/2024	9/27/2024
Sample Depth:				4-6	0-1	2-4	13-15	7-9	0-1	13-15	0-1	13-15	7-9
Sample Type:				N	N	N	N	N	N	FD	N	N	N
Latitude:				46.96942194	46.96971549	46.96971549	46.9699538	46.9699538	46.9699538	46.9699538	46.96982375	46.96982375	46.96982375
Longitude:				-67.89084596	-67.8903645	-67.8903645	-67.89006573	-67.89006573	-67.89006573	-67.89006573	-67.88998978	-67.88998978	-67.88998978
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00018 U	0.00019 J	0.00022 U	0.005 U	0.0047 U	0.005 U	0.00056 U	0.0045 U	0.0045 U	0.0042 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.000089 U	0.00032 J	0.000053 J	0.0025 U	0.0024 U	0.0025 U	0.00015 U	0.0023 U	0.0023 U	0.0021 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000089 U	0.00041	0.00012 J	0.0025 U	0.0024 U	0.0025 U	0.0001 U	0.0023 U	0.0023 U	0.0021 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.000089 U	0.00012 J	0.00011 U	0.00025 U	0.0024 U	0.00025 U	0.00014 U	0.0023 U	0.0023 U	0.0021 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.000089 U	0.00029	0.00011 U	0.0025 U	0.0024 U	0.0025 U	0.00014 U	0.0023 U	0.0023 U	0.0021 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00011 U	0.00015 J	0.00014 U	0.0025 U	0.0024 U	0.0025 U	0.00014 U	0.0023 U	0.0023 U	0.0021 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.000089 U	0.0001 U	0.00011 U	0.0025 U	0.0024 U	0.0025 U	0.00023 U	0.0023 U	0.0023 U	0.0021 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.000089 U	0.0001 U	0.00011 U	0.00025 U	0.0024 U	0.00025 U	0.0001 U	0.0023 U	0.0023 U	0.0021 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.000089 U	0.0001 U	0.00011 U	0.0025 U	0.0024 U	0.0025 U	0.00014 U	0.0023 U	0.0023 U	0.0021 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.000089 U	0.0001 U	0.00011 U	0.0025 U	0.0024 U	0.0025 U	0.000076 U	0.0023 U	0.0023 U	0.0021 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.000089 U	0.0001 U	0.00011 U	0.0025 U	0.0024 U	0.0025 U	0.000076 U	0.0023 U	0.0023 U	0.0021 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.000079 U	0.000092 U	0.000097 U	0.0025 U	0.0024 U	0.0025 U	0.00009 U	0.0023 U	0.0023 U	0.0021 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.000083 U	0.000097 U	0.0001 U	0.0025 U	0.0024 U	0.0025 U	0.000095 U	0.0023 U	0.0023 U	0.0021 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00031	0.00037	0.00014 J	0.0025 U	0.0024 U	0.0025 U	0.000043 J	0.00096 J	0.0023 U	0.0021 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00011 U	0.000094 J	0.00013 U	0.0025 U	0.0024 U	0.0025 U	0.00014 U	0.0023 U	0.0023 U	0.0021 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0032	0.013	0.0021	0.0025 U	0.0024 U	0.0025 U	0.00012 J	0.0025 J	0.0023 U	0.0021 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00011 U	0.00012 U	0.00013 U	0.0025 U	0.0024 U	0.0025 U	0.00014 U	0.0023 U	0.0023 U	0.0021 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.000085 U	0.0001 U	0.00011 U	0.0025 U	0.0024 U	0.0025 U	0.00014 U	0.0023 U	0.0023 U	0.0021 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00014 U	0.00017 UJ	0.00018 U	0.0025 U	0.0024 U	0.0025 U	0.00023 U	0.0023 U	0.0023 U	0.0021 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00033 U	0.00039 U	0.00041 U	0.0063 U	0.0059 U	0.0063 U	0.00052 U	0.0057 U	0.0057 U	0.0053 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00033 U	0.00039 U	0.00041 U	0.0063 U	0.0059 U	0.0063 U	0.00053 U	0.0057 U	0.0057 U	0.0053 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00034 U	0.0004 U	0.00042 U	0.0063 U	0.0059 U	0.0063 U	0.00087 U	0.0057 U	0.0057 U	0.0053 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.000044 U	0.000036 J	0.000055 U	0.0025 U	0.0024 U	0.0025 U	0.0001 U	0.0023 U	0.0023 U	0.0021 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.000089 U	0.0001 U	0.00011 U	0.0025 U	0.0024 U	0.0025 U	0.00023 U	0.0023 U	0.0023 U	0.0021 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.000044 U	0.000052 U	0.000055 U	0.0025 U	0.0024 U	0.0025 U	0.00014 U	0.0023 U	0.0023 U	0.0021 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00014 U	0.00017 U	0.00018 U	0.0025 U	0.0024 U	0.0025 U	0.00023 U	0.0023 U	0.0023 U	0.0021 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00014 U	0.00017 U	0.00018 U	0.0025 U	0.0024 U	0.0025 U	0.00023 U	0.0023 U	0.0023 U	0.0021 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0011 U	0.0013 U	0.0014 U	0.013 U	0.012 U	0.013 U	0.00076 U	0.011 U	0.011 U	0.011 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0014 U	0.0017 U	0.0018 U	0.013 U	0.012 U	0.013 U	0.0005 U	0.011 U	0.011 U	0.011 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00018 U	0.00021 U	0.00022 U	0.005 U	0.0047 U	0.005 U	0.00056 U	0.0045 U	0.0045 U	0.0042 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00033 U	0.00039 U	0.00041 U	0.005 U	0.0047 U	0.005 U	0.00038 U	0.0045 U	0.0045 U	0.0042 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.000089 U	0.0001 U	0.00011 U	0.0025 U	0.0024 U	0.0025 U	0.00045 U	0.0023 U	0.0023 U	0.0021 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00018 U	0.00021 U	0.00022 U	0.0025 U	0.0024 U	0.0025 U	0.0002 U	0.0023 U	0.0023 U	0.0021 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0022 U	0.0026 U	0.0027 U	0.005 U	0.0047 U	0.005 U	0.0045 U	0.0045 U	0.0045 U	0.0042 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00033 U	0.00039 U	0.00041 U	0.0063 U	0.0059 U	0.0063 U	0.00052 U	0.0057 U	0.0057 U	0.0053 U
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.00033 U	0.00039 U	0.00041 U	0.0063 U	0.0059 U	0.0063 U	0.00053 U	0.0057 U	0.0057 U	0.0053 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00026 U	0.0003 U	0.00031 U	0.0025 U	0.0024 U	0.0025 U	0.00025 U	0.0023 U	0.0023 U	0.0021 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.00072 U	0.00084 U	0.00089 U	0.0063 U	0.0059 U	0.0063 U	0.00038 U	0.0057 U	0.0057 U	0.0053 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0037 U	0.0043 U	0.0045 U	0.031 U	0.03 U	0.031 U	0.0057 U	0.028 U	0.028 U	0.026 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0037 U	0.0043 U	0.0045 U	0.031 U	0.03 U	0.031 U	0.0057 U	0.028 U	0.028 U	0.026 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				21. Flight Line Drainage Ditch									
Flow Field:				4									
Location ID:				SB21001				SB21002		SB21003	SB21004		
Sample ID:				LORNG_SB20018_7-9_09272024FD	LORNG_SB21001_2-3_06182022	LORNG_SB21001_0-1_06182022	LORNG_SB21001_0-1_06182022FD	LORNG_SB21002_0-1_06192022	LORNG_SB21002_1-2_06192022	LORNG_SB21003_0-1_09132022	LORNG_SB21004_0-1_08182022	LORNG_SB21004_2-3_08182022	LORNG_SB21004_0-1_08182022FD
Sample Date:				9/27/2024	6/18/2022	6/18/2022	6/18/2022	6/19/2022	6/19/2022	9/13/2022	8/18/2022	8/18/2022	8/18/2022
Sample Depth:				7-9	2-3	0-1	0-1	0-1	1-2	0-1	0-1	2-3	0-1
Sample Type:				FD	N	N	FD	N	N	N	N	N	FD
Latitude:				46.96982375	46.9325055	46.9325055	46.9325055	46.9316171	46.9316171	46.9315535	46.931311	46.931311	46.931311
Longitude:				-67.88998978	-67.8982489	-67.8982489	-67.8982489	-67.8989239	-67.8989239	-67.8982496	-67.8991042	-67.8991042	-67.8991042
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0045 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.00083 J	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0016 J	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.0098 U	0.014 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.0098 U	0.014 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 J	0.0049 J	0.00082 J	0.0011 U	0.0023 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00056 J	0.0011 U	0.0033	0.0029	0.0248	0.0258	0.0111	0.0011 U	0.0023 U	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.0023 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0056 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0056 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0056 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0066 U	0.0098 U	0.014 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.0023 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0023 U	0.0011 U	0.0012 U	0.0013 U	0.002 U	0.0029 U	0.0014 U	0.0011 U	0.0023 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.011 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.011 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.0045 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.0045 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.0023 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.0023 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0045 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0056 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.0056 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.0023 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0056 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.028 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.028 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				21. Flight Line Drainage Ditch							22. WWTP		
Flow Field:				4							4		
Location ID:				SB21005			SB21006		SS21001	SS21002	BW22001	SB22001	
Sample ID:				LORNG_SB21005_6-7_08182022	LORNG_SB21005_0-1_08182022	LORNG_SB21005_0-1_08182022FD	LORNG_SB21006_00-02_10182023	LORNG_SB21006_00-02_10182023FD	LORNG_SS21001_0-1_06182022	LORNG_SS21002_0-1_06182022	LORNG_BW22001_18-20_08162022	LORNG_SB22001_0-1_06142022	LORNG_SB22001_7-8_06142022
Sample Date:				8/18/2022	8/18/2022	8/18/2022	10/18/2023	10/18/2023	6/18/2022	6/18/2022	8/16/2022	6/14/2022	6/14/2022
Sample Depth:				6-7	0-1	0-1	0-2	0-2	0-1	0-1	18-20	0-1	7-8
Sample Type:				N	N	FD	N	FD	N	N	N	N	N
Latitude:				46.9316948	46.9316948	46.9316948	46.93165427	46.93165427	46.9318025	46.9320649	46.9165519	46.9168529	46.9168529
Longitude:				-67.899432	-67.899432	-67.899432	-67.89834945	-67.89834945	-67.8985667	-67.8981052	-67.9268583	-67.9267104	-67.9267104
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0011 U	0.0012 U	0.0011 U	0.0003 U	0.00037 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00022 J	0.00022 J	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0011 U	0.0012 U	0.0011 U	0.00017 J	0.00022 J	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0011 U	0.0012 U	0.0011 U	0.000085 J	0.00013 J	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0011 U	0.0012 U	0.0011 U	0.00024 J	0.00039 J	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0011 U	0.0012 U	0.0011 U	0.00019 U	0.00014 J	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0011 U	0.0012 U	0.0011 U	0.00015 U	0.00019 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.000087 J	0.00013 J	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00015 U	0.00019 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00015 U	0.00019 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00015 U	0.00019 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0011 U	0.0012 U	0.0011 U	0.00013 U	0.00016 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00014 U	0.00017 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0011 U	0.0012 U	0.0011 U	0.00083 J	0.0013 J	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00018 U	0.00073	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0011 U	0.00061 J	0.0011 U	0.00089 J	0.0013 J	0.0034	0.0105	0.0011 U	0.0043	0.0023
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00018 U	0.00022 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.000064 J	0.00018 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	0.00024 U	0.0003 U	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00056 U	0.00069 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00056 U	0.00069 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00058 U	0.00072 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.0021 J+	0.0026 J+	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00015 U	0.00019 U	0.0013 U	0.0072 U	0.0011 U	0.0053 U	0.00099 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	0.000075 U	0.000093 U	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00024 U	0.0003 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0011 U	0.0012 U	0.0011 U	0.00024 U	0.0003 U	0.0013 U	0.0014 U	0.0011 U	0.0011 U	0.00099 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	0.0019 U	0.0023 U	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	0.0024 U	0.003 U	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	0.0003 U	0.00037 U	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	0.00056 UJ	0.00069 UJ	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	0.00015 U	0.00019 U	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	0.0003 U	0.00037 U	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	0.0038 U	0.0046 U	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	-	-	-	NA	NA	NA	0.00056 UJ	0.00069 UJ	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUs)	-	-	-	NA	NA	NA	0.00056 UJ	0.00069 UJ	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	0.00043 U	0.00053 U	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	0.0012 UJ	0.0015 UJ	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	0.0062 UJ	0.0076 UJ	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	0.0062 UJ	0.0076 UJ	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				22. WWTP									
Flow Field:				4									
Location ID:				SB22002		SB22003		SB22004				SB22006	
Sample ID:				LORNG_SB22002_6-7_06142022	LORNG_SB22002_0-1_06142022	LORNG_SB22003_0-1_06142022	LORNG_SB22003_6-7_06142022	LORNG_SB22004_0-1_08052022	LORNG_SB22004_13-15_08052022	LORNG_SB22004_8-10_08052022	LORNG_SB22004_8-10_08052022FD	LORNG_SB22004_13-15_08052022FD	LORNG_SB22006_0-1_08192022
Sample Date:				6/14/2022	6/14/2022	6/14/2022	6/14/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/5/2022	8/19/2022
Sample Depth:				6-7	0-1	0-1	6-7	0-1	13-15	8-10	8-10	13-15	0-1
Sample Type:				N	N	N	N	N	N	N	FD	FD	N
Latitude:				46.9166446	46.9166446	46.9158271	46.9158271	46.9169001	46.9169001	46.9169001	46.9169001	46.9169001	46.9166876
Longitude:				-67.9252335	-67.9252335	-67.9269288	-67.9269288	-67.9259975	-67.9259975	-67.9259975	-67.9259975	-67.9259975	-67.9268203
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0012 U	0.00073 J	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0012 U	0.0012 U	0.0011 U	0.001 J	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0063	0.0128	0.00081 J	0.0152	0.0035	0.0011 U	0.00075 J	0.0011 U	0.0011 U	0.0145
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0012 U	0.0012 U	0.0011 UJ	0.0017 U	0.0052 UJ	0.0011 U	0.0055 UJ	0.0055 U	0.0011 U	0.0013 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0012 UJ	0.0012 U	0.0011 UJ	0.0085 U	0.0052 UJ	0.0055 UJ	0.0055 UJ	0.0055 UJ	0.0011 U	0.0013 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0012 U	0.0012 U	0.0011 U	0.0017 U	0.001 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				22. WWTP									
Flow Field:				4									
Location ID:				SB22006	SB22007		SB22009			SB22010		SB22011	
Sample ID:				LORNG_SB22006_8-10_08192022	LORNG_SB22007_0-1_08192022	LORNG_SB22007_8-10_08192022	LORNG_SB22009_0-1_08192022	LORNG_SB22009_8-10_08192022	LORNG_SB22009_8-10_08192022FD	LORNG_SB22010_0-1_08192022	LORNG_SB22010_8-10_08192022	LORNG_SB22011_0-1_08192022	LORNG_SB22011_6-7_08192022
Sample Date:				8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022
Sample Depth:				8-10	0-1	8-10	0-1	8-10	8-10	0-1	8-10	0-1	6-7
Sample Type:				N	N	N	N	N	FD	N	N	N	N
Latitude:				46.9166876	46.9164327	46.9164327	46.9159309	46.9159309	46.9159309	46.9153702	46.9153702	46.9160928	46.9160928
Longitude:				-67.9268203	-67.926854	-67.926854	-67.9274213	-67.9274213	-67.9274213	-67.9264932	-67.9264932	-67.9253315	-67.9253315
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.0013 U	0.0012 U	0.00098 J	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00099 J	0.0154	0.0019 U	0.0018 J	0.0021 J	0.0017 J	0.0052	0.0011 U	0.00061 J	0.0011 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.0013 U	0.0012 U	0.0019 U	0.0012 U	0.0024 U	0.0025 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				22. WWTP				24. Former Jet Engine Test Cell (FJETC)					
Flow Field:				4				3					
Location ID:				SB22012		SB22013		SB24001		SB24002		SB24003	
Sample ID:				LORNG_SB22012_00-01_10212023	LORNG_SB22012_01-02_10212023	LORNG_SB22013_00-01_10212023	LORNG_SB22013_01-02_10212023	LORNG_SB24001_0-1_06182022	LORNG_SB24001_3-4_06182022	LORNG_SB24002_0-1_06182022	LORNG_SB24002_8-10_06182022	LORNG_SB24003_0-1_08082022	LORNG_SB24003_11.5-13.5_8822
Sample Date:				10/21/2023	10/21/2023	10/21/2023	10/21/2023	6/18/2022	6/18/2022	6/18/2022	6/18/2022	8/8/2022	8/8/2022
Sample Depth:				0-1	1-2	0-1	1-2	0-1	3-4	0-1	8-10	0-1	11.5-13.5
Sample Type:				N	N	N	N	N	N	N	N	N	N
Latitude:				46.91637462	46.91637462	46.91675491	46.91675491	46.9629972	46.9629972	46.9628519	46.9628519	46.9619316	46.9619316
Longitude:				-67.92703625	-67.92703625	-67.92711187	-67.92711187	-67.8945186	-67.8945186	-67.896073	-67.896073	-67.8956864	-67.8956864
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00044 U	0.0004 U	0.00037 U	0.00039 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00022 U	0.0002 U	0.00018 U	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.000069 J	0.00016 J	0.000085 J	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00022 U	0.000072 J	0.00018 U	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00019 J	0.00033 J	0.00016 J	0.00013 J	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.0002 J	0.00014 J	0.00023 U	0.00024 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00022 U	0.000087 J	0.00018 U	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00022 U	0.0002 U	0.00018 U	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00022 U	0.000086 J	0.00018 U	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00022 U	0.0002 U	0.00018 U	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00022 U	0.0002 U	0.00018 U	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.0002 U	0.00018 U	0.00016 U	0.00017 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00021 U	0.00019 U	0.00017 U	0.00018 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00075	0.00075	0.001	0.00081	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00013 J	0.00024 U	0.00022 U	0.00023 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.017	0.0092	0.0035	0.0047	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00026 U	0.00024 U	0.00022 U	0.00023 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00021 U	0.00033 J	0.00018 U	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00036 U	0.00032 U	0.0003 U	0.00031 U	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00083 U	0.00074 U	0.00069 U	0.00072 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00083 U	0.00074 U	0.00069 U	0.00072 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00085 U	0.0011 J	0.00071 U	0.00075 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00056 U	0.00056 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00057 J+	0.0024 J+	0.000092 U	0.000096 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0028 U	0.00056 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00022 U	0.0002 U	0.00018 U	0.00019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0028 U	0.00056 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.00011 U	0.000099 U	0.000092 U	0.000096 U	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00036 U	0.0011	0.0003 U	0.00031 U	0.0011 UJ	0.0012 UJ	0.0011 U	0.0011 U	0.00056 U	0.00056 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00036 U	0.00032 U	0.0003 U	0.00031 U	0.0011 UJ	0.0012 UJ	0.0011 U	0.0011 U	0.00056 U	0.00056 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0028 U	0.0025 U	0.0023 U	0.0024 U	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0036 U	0.0032 U	0.003 U	0.0031 U	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00044 U	0.0004 U	0.00037 U	0.00039 U	NA	NA	NA	NA	NA	NA
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00083 U	0.00074 U	0.00069 U	0.00072 U	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.00022 U	0.0002 U	0.00018 U	0.00019 U	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00044 U	0.0004 U	0.00037 U	0.00039 U	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.0055 U	0.005 U	0.0046 U	0.0048 U	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.00083 U	0.00074 U	0.00069 U	0.00072 U	NA	NA	NA	NA	NA	NA
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.00083 U	0.00074 U	0.00069 U	0.00072 U	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00063 U	0.00057 U	0.00053 U	0.00055 U	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0018 U	0.0016 U	0.0015 U	0.0016 U	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0091 U	0.0082 U	0.0076 U	0.008 U	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0091 U	0.0082 U	0.0076 U	0.008 U	NA	NA	NA	NA	NA	NA

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				24. Former Jet Engine Test Cell (FJETC)										Butterfield Brook
Flow Field:				3										1
Location ID:				SB24003			SB24004		SB24005		SB24006			E-T-SO01A
Sample ID:				LORNG_SB24003_8-10_08082022	LORNG_SB24003_11.5-13.5_8822FD	LORNG_SB24003_8-10_08082022FD	LORNG_SB24004_0-1_06182022	LORNG_SB24004_2-3_06182022	LORNG_SB24005_0-1_06182022	LORNG_SB24005_8-10_06182022	LORNG_SB24006_0-1_06182022	LORNG_SB24006_8-10_06182022	E-T-SO01A_00-02_20240912	
Sample Date:				8/8/2022	8/8/2022	8/8/2022	6/18/2022	6/18/2022	6/18/2022	6/18/2022	6/18/2022	6/18/2022	9/12/2024	
Sample Depth:				8-10	11.5-13.5	8-10	0-1	2-3	0-1	8-10	0-1	8-10	0-2	
Sample Type:				N	FD	FD	N	N	N	N	N	N	N	
Latitude:				46.9619316	46.9619316	46.9619316	46.9617819	46.9617819	46.9626749	46.9626749	46.9621319	46.9621319	46.96961418	
Longitude:				-67.8956864	-67.8956864	-67.8956864	-67.8966109	-67.8966109	-67.896914	-67.896914	-67.8951239	-67.8951239	-67.89189894	
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0009 U	
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.00055 U	0.00056 U	0.00055 U	0.001 J	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0028	
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00045 U	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0061 U	0 R	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00045 U	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 UJ	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00055 U	0.00056 U	0.00055 U	0.0012 U	0.0045 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.00045 U	
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0023 U	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0023 U	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0009 U	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0009 U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00045 U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00045 U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0009 U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0011 U	
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0011 U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00045 U	
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0011 U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0056 U	
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0056 U	

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				Butterfield Brook Drainage					Greenlaw Brook Drainage				
Flow Field:				1					3			4	
Location ID:				E-T-SO01Q		E-T-SO02A	E-T-SO02Q		E-T-SO01B	E-T-SO01E	E-T-SO01F	E-T-SO01H	E-T-SO01I
Sample ID:				E-T-SO01Q_00-02_20241002	E-T-SO01Q_00-02_20241002FD	E-T-SO02A_00-02_20240912	E-T-SO02Q_00-02_20241002	E-T-SO02Q_00-02_20241002FD	E-T-SO01B_00-02_20240912	E-T-SO01E_00-02_20240912	E-T-SO01F_00-02_20240912	E-T-SO01H_00-02_20240912	E-T-SO01I_00-02_20240912
Sample Date:				10/2/2024	10/2/2024	9/12/2024	10/2/2024	10/2/2024	9/12/2024	9/12/2024	9/12/2024	9/12/2024	9/12/2024
Sample Depth:				0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2
Sample Type:				N	FD	N	N	FD	N	N	N	N	N
Latitude:				46.95749777	46.95749777	46.96982217	46.95738492	46.95738492	46.96255782	46.94866728	46.9472242	46.94354647	46.93477955
Longitude:				-67.88413332	-67.88413332	-67.89152403	-67.88300253	-67.88300253	-67.89713482	-67.90510165	-67.88577	-67.88933047	-67.90773778
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00097 U	0.001 U	0.00097 U	0.00098 U	0.00099 U	0.0009 U	0.00083 U	0.00093 U	0.00074 J	0.00091 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00019 J	0.00023 J	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.0014	0.00045 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00049 U	0.0005 U	0.00049 U	0.00015 J	0.00016 J	0.00045 U	0.00042 U	0.00046 U	0.00074 J	0.00045 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00049 U	0.00015 J	0.00049 U	0.00012 J	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00079 J	0.00045 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00026 J	0.00032 J	0.00049 U	0.00017 J	0.00012 J	0.00027 J	0.00042 U	0.00046 U	0.0015	0.00031 J
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00029 J	0.00029 J	0.00049 U	0.00023 J	0.00018 J	0.00045 U	0.00042 U	0.00046 U	0.0012	0.00045 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00025 J	0.00045 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00042 J	0.00039 J	0.00045 U	0.00042 U	0.00046 U	0.00049 J	0.00045 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00013 J	0.00013 J	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00016 J	0.00016 J	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00022 J	0.0005 U	0.00019 J	0.00051 J	0.00035 J	0.00045 U	0.00042 U	0.00046 U	0.0017	0.00045 U
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0038	0.0038	0.0069	0.001 J	0.00078 J	0.00019 J	0.001	0.00046 U	0.0545	0.00092 J
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00091 J	0.00045 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00094 J	0.00045 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.0015 J	0.00045 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0012 U	0.0011 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0012 U	0.0011 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0012 U	0.0011 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00034 J	0.00045 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0024 U	0.0025 U	0.0024 U	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.0023 U	0.0024 U	0.0023 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0024 U	0.0025 U	0.0024 U	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.0023 U	0.0024 U	0.0023 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00097 U	0.001 U	0.00097 U	0.00098 U	0.00099 U	0.0009 U	0.00083 U	0.00093 U	0.00096 U	0.00091 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00097 U	0.001 U	0.00097 U	0.00098 U	0.00099 U	0.0009 U	0.00083 U	0.00093 U	0.00096 U	0.00091 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.00097 U	0.001 U	0.00097 U	0.00098 U	0.00099 U	0.0009 U	0.00083 U	0.00093 U	0.00096 U	0.00091 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0012 U	0.0011 U
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	-	-	-	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0012 U	0.0011 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00049 U	0.0005 U	0.00049 U	0.00049 U	0.0005 U	0.00045 U	0.00042 U	0.00046 U	0.00048 U	0.00045 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.001 U	0.0012 U	0.0012 U	0.0011 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0061 U	0.0062 U	0.0061 U	0.0061 U	0.0062 U	0.0056 U	0.0052 U	0.0058 U	0.006 U	0.0057 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0061 U	0.0062 U	0.0061 U	0.0061 U	0.0062 U	0.0056 U	0.0052 U	0.0058 U	0.006 U	0.0057 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.

Table 4-1
Soil PFAS Analytical Results

Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base
Limestone, ME

Source Area:				Greenlaw Brook Drainage									
Flow Field:				4					3		4		
Location ID:				E-T-SO01J	E-T-SO01L	E-T-SO01N		E-T-SO01O	E-T-SO01P		E-T-SO02H	E-T-SO02N	E-T-SO02O
Sample ID:				E-T-SO01J_00-02_20240912	E-T-SO01L_00-02_20240912	E-T-SO01N_00-02_20240814	E-T-SO01N_00-02_20240814FD	E-T-SO01O_00-02_20240813	E-T-SO01P_00-02_20240920	E-T-SO01P_00-02_20240920FD	E-T-SO02H_00-02_20240912	E-T-SO02N_00-02_20240919	E-T-SO02O_00-02_20240813
Sample Date:				9/12/2024	9/12/2024	8/14/2024	8/14/2024	8/13/2024	9/20/2024	9/20/2024	9/12/2024	9/19/2024	8/13/2024
Sample Depth:				0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2
Sample Type:				N	N	N	FD	N	N	FD	N	N	N
Latitude:				46.93449912	46.92833207	46.92485951	46.92485951	46.92310522	46.94365055	46.94365055	46.94367166	46.92511331	46.92322899
Longitude:				-67.90736535	-67.88172238	-67.89581639	-67.89581639	-67.89670353	-67.90852176	-67.90852176	-67.88940912	-67.89560519	-67.89733001
Analyte	USEPA Industrial Soil RSL (mg/kg)	USEPA Residential Soil RSL (mg/kg)	Lowest Soil Benchmark (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Perfluorobutanoic acid (PFBA)	1200	7.8	2.98	0.00056 J	0.0009 U	0.00089 U	0.00091 U	0.001 U	0.00092 U	0.00092 U	0.00041 J	0.00058 J	0.001 U
Perfluoropentanoic acid (PFPeA)	-	-	-	0.00094 J	0.00045 U	0.00031 J	0.00023 J	0.0005 U	0.00046 U	0.00046 U	0.00079 J	0.0012	0.0005 U
Perfluorohexanoic acid (PFHxA)	410	3.2	6.2	0.00019 J	0.00045 U	0.0002 J	0.00014 J	0.0005 U	0.00046 U	0.00046 U	0.00041 J	0.0004 J	0.0005 U
Perfluoroheptanoic acid (PFHpA)	-	-	1	0.00027 J	0.00045 U	0.00026 J	0.00025 J	0.0005 U	0.00014 J	0.00046 U	0.00044 J	0.00044 J	0.0005 U
Perfluorooctanoic acid (PFOA)	0.0078	0.000019	3.84	0.00058 J	0.00045 U	0.00051 J	0.00039 J	0.0005 U	0.00021 J	0.0002 J	0.00074 J	0.00069 J	0.0005 U
Perfluorononanoic acid (PFNA)	2.5	0.019	0.0242	0.00042 J	0.00045 U	0.00028 J	0.00022 J	0.0005 U	0.00014 J	0.00046 U	0.0007 J	0.00048 J	0.0005 U
Perfluorodecanoic acid (PFDA)	0.0016	0.000013	0.0677	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00016 J	0.00016 J	0.0005 U
Perfluoroundecanoic acid (PFUnA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00025 J	0.00046 U	0.0005 U
Perfluorododecanoic acid (PFDoA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
Perfluorotridecanoic acid (PFTrDA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
Perfluorobutanesulfonic acid (PFBS)	250	1.9	0.817	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
Perfluoropentanesulfonic acid (PFPeS)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
Perfluorohexanesulfonic acid (PFHxS)	16	0.13	0.145	0.00095 J	0.00045 U	0.00028 J	0.00024 J	0.00068 J	0.00018 J	0.00046 U	0.0012	0.00046 J	0.0002 J
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
Perfluorooctanesulfonic acid (PFOS)	0.082	0.00063	0.004	0.0532	0.00017 J	0.004 J-	0.003 J-	0.0011 J	0.00039 J	0.00029 J	0.0307	0.0165	0.0005 U
Perfluorononanesulfonic acid (PFNS)	-	-	-	0.00036 J	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00054 J	0.00063 J	0.0005 U
Perfluorodecanesulfonic acid (PFDS)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00057 J	0.0002 J	0.0005 U
Perfluorododecanesulfonic acid (PFDoS)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00077 J	0.00046 U	0.0005 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Perfluorooctane sulfonamide (PFOSA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00023 J	0.00046 U	0.0005 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	-	-	-	0.0025 U	0.0023 U	0.0022 U	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0024 U	0.0023 U	0.0025 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-	-	-	0.0025 U	0.0023 U	0.0022 U	0.0023 U	0.0025 U	0.0023 U	0.0023 U	0.0024 U	0.0023 U	0.0025 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	3.5	0.023	-	0.00099 U	0.0009 U	0.00089 U	0.00091 U	0.001 U	0.00092 U	0.00092 U	0.00095 U	0.00093 U	0.001 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	-	-	-	0.00099 U	0.0009 U	0.00089 U	0.00091 U	0.001 U	0.00092 U	0.00092 U	0.00095 U	0.00093 U	0.001 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	-	-	0.00099 U	0.0009 U	0.00089 U	0.00091 U	0.001 U	0.00092 U	0.00092 U	0.00095 U	0.00093 U	0.001 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
11-Chlororeicosasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUs)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	-	-	0.00049 U	0.00045 U	0.00045 U	0.00046 U	0.0005 U	0.00046 U	0.00046 U	0.00047 U	0.00046 U	0.0005 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	-	-	-	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	-	-	-	0.0062 U	0.0056 U	0.0056 U	0.0057 U	0.0063 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0062 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	-	-	-	0.0062 U	0.0056 U	0.0056 U	0.0057 U	0.0063 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0062 U

Notes
See Table 1-1 for notes and Table 1-3 for information about screening levels.