

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field	1														
Location	LYS01007														
Sample Depth (ft bgs)	0-3														
Sample ID	LORG_LYS01007_0-3_080422T01	LORG_LYS01007_0-3_080422T02		LORG_LYS01007_0-3_080422T03		LORG_LYS01007_0-3_080422T04		LORG_LYS01007_0-3_080422T05		LORG_LYS01007_0-3_080422T06		LORG_LYS01007_0-3_080422T07			
Sample Date	8/17/2022	8/17/2022		8/18/2022		8/18/2022		8/19/2022		8/21/2022		8/22/2022			
Sample Type	N	N		N		N		N		N		N			
Latitude	46.9600948	46.9600948		46.9600948		46.9600948		46.9600948		46.9600948		46.9600948			
Longitude	-67.8825922	-67.8825922		-67.8825922		-67.8825922		-67.8825922		-67.8825922		-67.8825922		-67.8825922	
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	436		155 J		21		3.6 J		3.8 U		37 U		3.7 U	
Perfluoropentanoic acid (PFPeA)	ng/L	990		359		52.3		8.9		5.2		4.6		37 U	
Perfluorohexanoic acid (PFHxA)	ng/L	1050		401		67.8		15		9.2		14.7 J		8.6 J	
Perfluoroheptanoic acid (PFHpA)	ng/L	518		223		49.8		11.6		6.6		9.9 J		37 U	
Perfluorooctanoic acid (PFOA)	ng/L	1210		832		325		102		51.1		28.7 J		17.8 J	
Perfluorononanoic acid (PFNA)	ng/L	160		194		157		96.7		62.7		23.6 J		8.5 J	
Perfluorodecanoic acid (PFDA)	ng/L	15.3		33.1		44.7		50.1		51.9		41.6		26.1	
Perfluoroundecanoic acid (PFUnA)	ng/L	1.3 J		3.2 J		8		13		15		18.2 J		18.7	
Perfluorododecanoic acid (PFDoA)	ng/L	1.9 U		1.9 U		1.9 U		2 U		1 J		19 U		9.3 U	
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.9 U		1.9 U		1.9 U		2 U		1.9 U		19 U		1.9 U	
Perfluorotetradecanoic acid (PFTeDA)	ng/L	1.9 U		1.9 U		1.9 U		2 U		1.9 U		19 U		37 U	
Perfluorobutanesulfonic acid (PFBS)	ng/L	105		33.2		5.3		1.2 J		1.9 U		1.9 U		1.9 U	
Perfluoropentanesulfonic acid (PFPeS)	ng/L	197		88.6		19.5		5		3.4 J		2.8 J		2.2 J	
Perfluorohexanesulfonic acid (PFHxS)	ng/L	6100		4300		1380		422		212		115		73.3	
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	294		229		161		104		55.5		15.8 J		7.5	
Perfluorooctanesulfonic acid (PFOS)	ng/L	7720		14000		8920		11400		8530		8290		6610	
Perfluorononanesulfonic acid (PFNS)	ng/L	14		1.9 U		51.8		58.3		107		53.3		106	
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.9 U		1.9 U		1.9 U		2 U		1.9 U		1.9 U		1.9 U	
Perfluorododecanesulfonic acid (PFDoS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	3.8 U		3.8 U		3.8 U		3.9 U		3.8 U		37 U		19 U	
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	77.2		44.2		19.8		9.6		6.3 J		8.8		5.7 J	
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	9		20.9		25.9		26		25		37 U		14.1 J	
Perfluorooctane sulfonamide (PFOSA)	ng/L	211		365		571		847		1050		1510		1450	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	3.8 U		19 U		19 U		20 U		3.8 U		37 U		19 U	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.8 U		3.8 U		3.8 U		3.9 U		3.8 U		3.7 U		3.7 U	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.8 U		3.8 U		3.8 U		3.9 U		3.8 U		3.7 U		3.7 U	
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	NA		NA		NA		NA		NA		NA		NA	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
11-Chlororeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

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LEAF Testing PFAS Analytical Results

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

Flow Field		1														
Location		LYS01007														
Sample Depth (ft bgs)		0-3				11-13										
Sample ID		LORG_LYS01007_0-3_080422T08		LORG_LYS01007_0-3_080422T09		LORG_LYS01007_11-13_080422T01		LORG_LYS01007_11-13_080422T02		LORG_LYS01007_11-13_080422T03		LORG_LYS01007_11-13_080422T04		LORG_LYS01007_11-13_080422T05		
Sample Date		8/26/2022		8/27/2022		8/17/2022		8/17/2022		8/18/2022		8/18/2022		8/19/2022		
Sample Type		N		N		N		N		N		N		N		
Latitude		46.9600948		46.9600948		46.9600948		46.9600948		46.9600948		46.9600948		46.9600948		
Longitude		-67.8825922		-67.8825922		-67.8825922		-67.8825922		-67.8825922		-67.8825922		-67.8825922		
Analyte Name		Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)		ng/L	3.7	U	3.7	U	61.3		22.1		4	J	3.8	U	3.8	U
Perfluoropentanoic acid (PFPeA)		ng/L	3.7		3.2	J	175		59.9		10.7		1.7	J	1.9	U
Perfluorohexanoic acid (PFHxA)		ng/L	14.1		11.5		371		140		26.7		4.2		1.9	U
Perfluoroheptanoic acid (PFHpA)		ng/L	5.6		4.2		179		65.1		13.5		2.6	J	1	J
Perfluorooctanoic acid (PFOA)		ng/L	16.2		13.3		843		301		68.8		14.1		6.3	
Perfluorononanoic acid (PFNA)		ng/L	4.6		2.6	J	309		115		30.2		6.8		2.7	J
Perfluorodecanoic acid (PFDA)		ng/L	12.5		6.8		20.5		8.1		3.1	J	1.3	J	1.9	U
Perfluoroundecanoic acid (PFUnA)		ng/L	19.2		16.6		19	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorododecanoic acid (PFDoA)		ng/L	1.9	U	1.9	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorotridecanoic acid (PFTrDA)		ng/L	1.9	U	1.9	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorotetradecanoic acid (PFTeDA)		ng/L	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorobutanesulfonic acid (PFBS)		ng/L	1.9	U	1.9	U	86.6		28.6		5.7		1.9	U	1.9	U
Perfluoropentanesulfonic acid (PFPeS)		ng/L	1.7	J	1.8	J	146		57.4		12		1.9	U	1.1	J
Perfluorohexanesulfonic acid (PFHxS)		ng/L	54.2		43.9		3710		1140		362		82.2		40.4	
Perfluoroheptanesulfonic acid (PFHpS)		ng/L	5.2		3.7		469		161		35.6		7.9		4	
Perfluorooctanesulfonic acid (PFOS)		ng/L	2320		1210		20700		7550		4750		1340		591	
Perfluorononanesulfonic acid (PFNS)		ng/L	40.9		29.9		19	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorodecanesulfonic acid (PFDS)		ng/L	1.9	U	1.9	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorododecanesulfonic acid (PFDoS)		ng/L	NA		NA		NA		NA		NA		NA		NA	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)		ng/L	3.7	U	3.7	U	2	J	3.8	U	3.8	U	3.8	U	3.8	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)		ng/L	7.9		6.9	J	212		90.9		23.5		6.3	J	3.3	J
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)		ng/L	9.4		7.9		46.1		18.2		7.6	J	3.4	J	3.8	U
Perfluorooctane sulfonamide (PFOSA)		ng/L	885		751		60.2		25.9		12.6		7		4.1	
N-methyl perfluorooctanesulfonamide (NMeFOSA)		ng/L	13.4		19	U	150	U	3.8	U	3.8	U	19	U	3.8	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)		ng/L	NA		NA		NA		NA		NA		NA		NA	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)		ng/L	3.7	U	3.7	U	150	U	3.8	U	3.8	U	3.8	U	3.8	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)		ng/L	3.7	U	3.7	U	150	U	3.8	U	3.8	U	3.8	U	3.8	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)		ng/L	NA		NA		NA		NA		NA		NA		NA	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)		ng/L	NA		NA		NA		NA		NA		NA		NA	
Hexafluoropropylene oxide dimer acid (HFPO-DA)		ng/L	NA		NA		NA		NA		NA		NA		NA	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)		ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-3-methoxypropanoic acid (PFMPA)		ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-4-methoxybutanoic acid (PFMBA)		ng/L	NA		NA		NA		NA		NA		NA		NA	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		ng/L	NA		NA		NA		NA		NA		NA		NA	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)		ng/L	NA		NA		NA		NA		NA		NA		NA	
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)		ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)		ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoropropyl propanoic acid (3:3FTCA)		ng/L	NA		NA		NA		NA		NA		NA		NA	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)		ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoroheptyl propanoic acid (7:3FTCA)		ng/L	NA		NA		NA		NA		NA		NA		NA	

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

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LEAF Testing PFAS Analytical Results

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

Flow Field		1											
Location		LYS01007								SB01055			
Sample Depth (ft bgs)		11-13								0-2			
Sample ID		LORG_LYS01007_11-13_080422T06	LORG_LYS01007_11-13_080422T07	LORG_LYS01007_11-13_080422T08	LORG_LYS01007_11-13_080422T09	LORNG_SB01055_0-2_100124T1	LORNG_SB01055_0-2_100124T2	LORNG_SB01055_0-2_100124T3					
Sample Date		8/21/2022	8/22/2022	8/26/2022	8/27/2022	10/30/2024	10/30/2024	10/31/2024					
Sample Type		N	N	N	N	N	N	N					
Latitude		46.9600948	46.9600948	46.9600948	46.9600948	46.96167656	46.96167656	46.96167656					
Longitude		-67.8825922	-67.8825922	-67.8825922	-67.8825922	-67.88010343	-67.88010343	-67.88010343					
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	3.7	U	3.7	U	3.7	U	3.7	U	76.1		59.3	40.6
Perfluoropentanoic acid (PFPeA)	ng/L	1.4	J	9.3	U	1.3	J	1.3	J	36.8		31.4	19.8
Perfluorohexanoic acid (PFHxA)	ng/L	1.9	U	1.9	U	5	U	5.3		67.6		50.6	42.2
Perfluoroheptanoic acid (PFHpA)	ng/L	4.2		1.9	U	3	J	3.1	J	33.2		36.2	37.2
Perfluorooctanoic acid (PFOA)	ng/L	7.4		4.7		5		4.8		33.7		42.5	79.1
Perfluorononanoic acid (PFNA)	ng/L	2.3	J	1.3	J	1.3	J	1.2	J	4.3		5.3	15.6
Perfluorodecanoic acid (PFDA)	ng/L	1.1	J	1.9	U	1.9	U	1.9	U	2.2	U	1.7	0.89 J
Perfluoroundecanoic acid (PFUnA)	ng/L	9.3	U	9.3	U	1.9	U	1.9	U	2.2	U	1.7	1.9
Perfluorododecanoic acid (PFDoA)	ng/L	1.9	U	1.9	U	1.9	U	1.9	U	2.2	U	1.7	1.9
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.9	U	1.9	U	1.9	U	1.9	U	2.2	U	1.7	1.9
Perfluorotetradecanoic acid (PFTeDA)	ng/L	9.3	U	9.3	U	1.9	U	1.9	U	2.2	U	1.7	1.9
Perfluorobutanesulfonic acid (PFBS)	ng/L	1.9	U	1.9	U	1.9	U	1.9	U	3.9	J	2.2	1.8 J
Perfluoropentanesulfonic acid (PFPeS)	ng/L	1.3	J	1.4	J	1.9	U	1.9	U	1.3	J	3.4	3.8
Perfluorohexanesulfonic acid (PFHxS)	ng/L	37.2		31.2		24		19.8		37.4		38.3	56.4
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	2.8	J	2.6	J	1.9	J	1.4	J	2.2	U	0.77	1.5 J
Perfluorooctanesulfonic acid (PFOS)	ng/L	274		186		115		92.2		13		10.5	23.4
Perfluorononanesulfonic acid (PFNS)	ng/L	1.9	U	1.9	U	1.9	U	1.9	U	2.2	U	1.7	1.9
Perfluorodecanesulfonic acid (PFDS)	ng/L	9.3	U	9.3	U	1.9	U	1.9	U	2.2	U	1.7	1.9
Perfluorododecanesulfonic acid (PFDoS)	ng/L	NA		NA		NA		NA		4.3	U	3.4	3.8
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	3.7	U	3.7	U	3.7	U	3.7	U	8.7	U	6.9	7.5
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	3	J	2.9	J	2	J	3.7	U	8.7	U	6.9	7.5
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	3.7	U	3.7	U	3.7	U	3.7	U	8.7	U	6.9	7.5
Perfluorooctane sulfonamide (PFOSA)	ng/L	3.8		3.2	J	2	J	1.8	J	2.2	U	1.7	1.9
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	19	U	19	U	19	U	19	U	4.3	U	3.4	3.8
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	NA		NA		NA		NA		4.3	U	3.4	3.8
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.7	U	3.7	U	3.7	U	3.7	U	4.3	U	3.4	3.8
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.7	U	3.7	U	3.7	U	3.7	U	4.3	U	3.4	3.8
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	NA		NA		NA		NA		22	U	17	19
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	NA		NA		NA		NA		22	U	17	19
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	NA		NA		NA		NA		2.2	U	1.7	1.9
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	NA		NA		NA		NA		4.3	U	3.4	3.8
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	NA		NA		NA		NA		2.2	U	1.7	1.9
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	NA		NA		NA		NA		4.3	U	3.4	3.8
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	NA		NA		NA		NA		4.3	U	3.4	3.8
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	ng/L	NA		NA		NA		NA		4.3	U	3.4	3.8
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	ng/L	NA		NA		NA		NA		4.3	U	3.4	3.8
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	NA		NA		NA		NA		2.2	U	1.7	1.9
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	NA		NA		NA		NA		11	U	8.6	9.4
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	NA		NA		NA		NA		22	U	17	19
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	NA		NA		NA		NA		22	U	17	19

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

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Former Loring Air Force Base
Limestone, ME

Flow Field		1													
Location		SB01055													
Sample Depth (ft bgs)		0-2												13-15	
Sample ID		LORNG_SB01055_0-2_100124 T4	LORNG_SB01055_0-2_100124 T5	LORNG_SB01055_0-2_100124 T6	LORNG_SB01055_0-2_100124 T7	LORNG_SB01055_0-2_100124 T8	LORNG_SB01055_0-2_100124 T9	LORNG_SB01055_13-15_100124 T1							
Sample Date		10/31/2024	11/1/2024	11/3/2024	11/4/2024	11/8/2024	11/9/2024	10/30/2024							
Sample Type		N	N	N	N	N	N	N							
Latitude		46.96167656	46.96167656	46.96167656	46.96167656	46.96167656	46.96167656	46.96167656							
Longitude		-67.88010343	-67.88010343	-67.88010343	-67.88010343	-67.88010343	-67.88010343	-67.88010343							
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
Perfluorobutanoic acid (PFBA)	ng/L	31.1		15.9 J		5.4 J		4.2 U		4 U		4.1 U			
Perfluoropentanoic acid (PFPeA)	ng/L	21.6		18.2 J		4.9 J		2.5 UJ		2 U		2 U			
Perfluorohexanoic acid (PFHxA)	ng/L	12		9.7 J		2.5 J		0.67 J		2 U		2 U			
Perfluoroheptanoic acid (PFHpA)	ng/L	16.7		14.4 J		3.7		2.1 U		2 U		2 U			
Perfluorooctanoic acid (PFOA)	ng/L	30		25.9 J		9.5		2.8 J		1 J		0.7 J			
Perfluorononanoic acid (PFNA)	ng/L	20.8		23 J		14.4		9.8 J		1.3 J		0.66 J			
Perfluorodecanoic acid (PFDA)	ng/L	0.82 J		0.94 J		0.72 J		0.75 J		0.63 J		0.54 J			
Perfluoroundecanoic acid (PFUnA)	ng/L	1.8 U		2.5 UJ		1.8 U		2.5 UJ		2 U		2 U			
Perfluorododecanoic acid (PFDoA)	ng/L	1.8 U		2 U		1.8 U		2.1 U		2 U		2 U			
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.8 U		2 U		1.8 U		2.1 U		2 U		2 U			
Perfluorotetradecanoic acid (PFTeDA)	ng/L	1.8 U		2 U		1.8 U		2.1 U		2 U		2 U			
Perfluorobutanesulfonic acid (PFBS)	ng/L	0.76 J		0.87 J		1.8 U		2.1 U		2 U		2 U			
Perfluoropentanesulfonic acid (PFPeS)	ng/L	3.6 U		1.3 J		1.2 J		5 UJ		4 U		4.1 U			
Perfluorohexanesulfonic acid (PFHxS)	ng/L	18.8		16.8 J		8.4		4.6 J		1 J		2 U			
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	2.3 J		3 J		1.6 J		0.91 J		2 U		2 U			
Perfluorooctanesulfonic acid (PFOS)	ng/L	136		151		135		105 J		12		7.1			
Perfluorononanesulfonic acid (PFNS)	ng/L	1.8 U		2.5 UJ		1.8 U		0.61 J		2 U		2 U			
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.8 U		2.5 UJ		1.8 U		2.1 U		2 U		2 U			
Perfluorododecanesulfonic acid (PFDoS)	ng/L	3.6 U		5 UJ		3.6 U		5 UJ		4 U		4.1 U			
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	7.3 U		10 UJ		7.3 U		8.3 U		8 U		8.2 U			
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	7.3 U		7.8 U		7.3 U		8.3 U		8 U		8.2 U			
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	7.3 U		7.8 U		7.3 U		8.3 U		8 U		8.2 U			
Perfluorooctane sulfonamide (PFOSA)	ng/L	1.8 U		2 U		1.8 U		2.1 U		2 U		2 U			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	3.6 U		3.9 U		3.6 U		4.2 U		4 U		4.1 U			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	3.6 U		3.9 U		3.6 U		4.2 U		4 U		4.1 U			
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.6 U		3.9 U		3.6 U		4.2 U		4 U		4.1 U			
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.6 U		3.9 U		3.6 U		4.2 U		4 U		4.1 U			
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	18 U		20 U		18 U		21 U		20 U		20 U			
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	18 U		20 U		18 U		21 U		20 U		20 U			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	1.8 U		2 U		1.8 U		2.1 U		2 U		2 U			
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	3.6 U		3.9 U		3.6 U		4.2 U		4 U		4.1 U			
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	1.8 U		2 U		1.8 U		2.1 U		2 U		2 U			
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	3.6 U		5 UJ		3.6 U		4.2 U		4 U		4.1 U			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	3.6 U		5 UJ		3.6 U		4.2 U		4 U		4.1 U			
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	3.6 U		3.9 U		3.6 U		4.2 U		4 U		4.1 U			
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	3.6 U		3.9 U		3.6 U		4.2 U		4 U		4.1 U			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ng/L	1.8 U		2.5 UJ		1.8 U		2.1 U		2 U		2 U			
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	9.1 U		9.8 U		9.1 U		10 U		10 U		10 U			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	18 U		25 UJ		18 U		21 U		20 U		20 U			
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	18 U		25 UJ		18 U		21 U		20 U		20 U			

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		1													
Location		SB01055													
Sample Depth (ft bgs)		13-15													
Sample ID		LORNG_SB01055_13-15_100124 T2		LORNG_SB01055_13-15_100124 T3		LORNG_SB01055_13-15_100124 T4		LORNG_SB01055_13-15_100124 T5		LORNG_SB01055_13-15_100124 T6		LORNG_SB01055_13-15_100124 T7		LORNG_SB01055_13-15_100124 T8	
Sample Date		10/30/2024		10/31/2024		10/31/2024		11/1/2024		11/3/2024		11/4/2024		11/8/2024	
Sample Type		N		N		N		N		N		N		N	
Latitude		46.96167656		46.96167656		46.96167656		46.96167656		46.96167656		46.96167656		46.96167656	
Longitude		-67.88010343		-67.88010343		-67.88010343		-67.88010343		-67.88010343		-67.88010343		-67.88010343	
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	3.9	U	3.7	U	1.9	J	3.7	U	3.6	U	3.8	U	4	U
Perfluoropentanoic acid (PFPeA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluorohexanoic acid (PFHxA)	ng/L	0.81	J	0.98	J	0.74	J	0.55	J	1.8	U	1.9	U	2	U
Perfluoroheptanoic acid (PFHpA)	ng/L	1.6	J	2.4	J	0.71	J	0.55	J	1.8	U	1.9	U	2	U
Perfluorooctanoic acid (PFOA)	ng/L	10.4		18.1		3.1	J	2.3	J	0.96	J	0.94	U	6.3	
Perfluorononanoic acid (PFNA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluorodecanoic acid (PFDA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluoroundecanoic acid (PFUnA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluorododecanoic acid (PFDoA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluorotridecanoic acid (PFTrDA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluorobutanesulfonic acid (PFBS)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluoropentanesulfonic acid (PFPeS)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
Perfluorohexanesulfonic acid (PFHxS)	ng/L	1.1	J	1.9	J	3.7	J	2.8	J	1.2	J	1.9	U	2	U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluorooctanesulfonic acid (PFOS)	ng/L	1.8	J	2.7	J	9.5		6.7		3.2	J	2	J	0.93	J
Perfluorononanesulfonic acid (PFNS)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluorodecanesulfonic acid (PFDS)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	7.8	U	7.4	U	7.8	U	7.4	U	7.3	U	7.5	U	8	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	7.8	U	7.4	U	7.8	U	7.4	U	7.3	U	7.5	U	8	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	7.8	U	7.4	U	7.8	U	7.4	U	7.3	U	7.5	U	8	U
Perfluorooctane sulfonamide (PFOSA)	ng/L	2	U	1.9	U	1.2	J	1	J	1.8	U	1.9	U	2	U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	20	U	19	U	20	U	19	U	18	U	19	U	20	U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	20	U	19	U	20	U	19	U	18	U	19	U	20	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	3.9	U	3.7	U	3.9	U	3.7	U	3.6	U	3.8	U	4	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	2	U	1.9	U	2	U	1.9	U	1.8	U	1.9	U	2	U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	9.8	U	9.3	U	9.8	U	9.3	U	9.1	U	9.4	U	10	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	20	U	19	U	20	U	19	U	18	U	19	U	20	U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	20	U	19	U	20	U	19	U	18	U	19	U	20	U

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		1		3												
Location		SB01055		LYS12010												
Sample Depth (ft bgs)		13-15		0-3												
Sample ID		LORNG_SB01055_13-15_100124 T9		LORG_LYS12010_0-3_080422T01		LORG_LYS12010_0-3_080422T02		LORG_LYS12010_0-3_080422T03		LORG_LYS12010_0-3_080422T04		LORG_LYS12010_0-3_080422T05		LORG_LYS12010_0-3_080422T06		
Sample Date		11/9/2024		8/17/2022		8/17/2022		8/18/2022		8/18/2022		8/19/2022		8/21/2022		
Sample Type		N		N		N		N		N		N		N		
Latitude		46.96167656		46.9479766		46.9479766		46.9479766		46.9479766		46.9479766		46.9479766		
Longitude		-67.88010343		-67.9042053		-67.9042053		-67.9042053		-67.9042053		-67.9042053		-67.9042053		
Analyte Name		Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)		ng/L	4	U	215		83.7		7.3	J	3.7	U	3.7	U	3.7	U
Perfluoropentanoic acid (PFPeA)		ng/L	2	U	409		225		50.1		32.5		26.3		1.9	U
Perfluorohexanoic acid (PFHxA)		ng/L	2	U	259		102		17.9		6.8		5.8		2.2	J
Perfluoroheptanoic acid (PFHpA)		ng/L	2	U	146		74.4		16.5		5.5		4.2		1.9	U
Perfluorooctanoic acid (PFOA)		ng/L	3.8	J	279		164		55.8		16.9		8.9		3.6	J
Perfluorononanoic acid (PFNA)		ng/L	2	U	34.8		38.3		34.6		19.6		9.1		3.3	J
Perfluorodecanoic acid (PFDA)		ng/L	2	U	2.4	J	3.2	J	4.9		5.3		5.1		3.4	J
Perfluoroundecanoic acid (PFUnA)		ng/L	2	U	1.9	U	1.9	U	1.9	U	1	J	1.1	J	1.3	J
Perfluorododecanoic acid (PFDoA)		ng/L	2	U	1.9	U	1.9	U	9.3	U	9.3	U	1.9	U	1.9	U
Perfluorotridecanoic acid (PFTrDA)		ng/L	2	U	1.9	U	1.9	U	9.3	U	9.3	U	1.9	U	1.9	U
Perfluorotetradecanoic acid (PFTeDA)		ng/L	2	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorobutanesulfonic acid (PFBS)		ng/L	2	U	47.9		13		1.9	J	1.9	U	1.9	U	1.9	U
Perfluoropentanesulfonic acid (PFPeS)		ng/L	4	U	69.3		21.9		5.7		2.6	J	1.6	J	1.4	J
Perfluorohexanesulfonic acid (PFHxS)		ng/L	2	U	1030		302		99.1		34.3		23.3		17.9	
Perfluoroheptanesulfonic acid (PFHpS)		ng/L	2	U	130		18.2		16.7		9.1		4.8		2.5	J
Perfluorooctanesulfonic acid (PFOS)		ng/L	2	U	1030		755		1220		1340		1130		662	
Perfluorononanesulfonic acid (PFNS)		ng/L	2	U	1.9	U	1.9	U	1.9	U	3.5	J	1.9	U	1.9	U
Perfluorodecanesulfonic acid (PFDS)		ng/L	2	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorododecanesulfonic acid (PFDoS)		ng/L	4	U	NA		NA		NA		NA		NA		NA	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)		ng/L	8	U	3.8	U	3.7	U	3.7	U	3.7	U	3.7	U	3.7	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)		ng/L	8	U	227		2.1	J	3.7	U	3.7	U	3.7	U	3.7	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)		ng/L	8	U	3.8	U	3.7	U	3.7	U	3.7	U	3.7	U	3.7	U
Perfluorooctane sulfonamide (PFOSA)		ng/L	2	U	1.9	U	9.3	U	9.3	U	9.3	U	4.2		1.9	U
N-methyl perfluorooctanesulfonamide (NMeFOSA)		ng/L	4	U	3.8	U	19	U	19	U	19	U	19	U	19	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)		ng/L	4	U	NA		NA		NA		NA		NA		NA	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)		ng/L	4	U	3.8	U	3.7	U	3.7	U	3.7	U	3.7	U	3.7	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)		ng/L	4	U	3.8	U	3.7	U	3.7	U	3.7	U	3.7	U	3.7	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)		ng/L	20	U	NA		NA		NA		NA		NA		NA	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)		ng/L	20	U	NA		NA		NA		NA		NA		NA	
Hexafluoropropylene oxide dimer acid (HFPO-DA)		ng/L	2	U	NA		NA		NA		NA		NA		NA	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)		ng/L	4	U	NA		NA		NA		NA		NA		NA	
Perfluoro-3-methoxypropanoic acid (PFMPA)		ng/L	2	U	NA		NA		NA		NA		NA		NA	
Perfluoro-4-methoxybutanoic acid (PFMBA)		ng/L	4	U	NA		NA		NA		NA		NA		NA	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		ng/L	4	U	NA		NA		NA		NA		NA		NA	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)		ng/L	4	U	NA		NA		NA		NA		NA		NA	
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)		ng/L	4	U	NA		NA		NA		NA		NA		NA	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)		ng/L	2	U	NA		NA		NA		NA		NA		NA	
3-Perfluoropropyl propanoic acid (3:3FTCA)		ng/L	10	U	NA		NA		NA		NA		NA		NA	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)		ng/L	20	U	NA		NA		NA		NA		NA		NA	
3-Perfluoroheptyl propanoic acid (7:3FTCA)		ng/L	20	U	NA		NA		NA		NA		NA		NA	

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		3											
Location		LYS12010						SB12025					
Sample Depth (ft bgs)		0-3						0-2					
Sample ID		LORG_LYS12010_0-3_080422T07	LORG_LYS12010_0-3_080422T08	LORG_LYS12010_0-3_080422T09	LORNG_SB12025_0-2_100124 T1	LORNG_SB12025_0-2_100124 T2	LORNG_SB12025_0-2_100124 T3	LORNG_SB12025_0-2_100124 T4					
Sample Date		8/22/2022	8/26/2022	8/27/2022	10/30/2024	10/30/2024	10/31/2024	10/31/2024					
Sample Type		N	N	N	N	N	N	N					
Latitude		46.9479766	46.9479766	46.9479766	46.9478865	46.9478865	46.9478865	46.9478865					
Longitude		-67.9042053	-67.9042053	-67.9042053	-67.90375115	-67.90375115	-67.90375115	-67.90375115					
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	3.7	U	3.7	U	3.7	U	32.6		20		4.1	J
Perfluoropentanoic acid (PFPeA)	ng/L	1.9	U	1.9	U	2.2	J	25.7		17.1		4.3	J
Perfluorohexanoic acid (PFHxA)	ng/L	1.9	U	5.3		5.3		31.7		21.6		5.7	
Perfluoroheptanoic acid (PFHpA)	ng/L	1.9	U	3.4	J	3	J	30		22.3		6.9	
Perfluorooctanoic acid (PFOA)	ng/L	1.9	J	2.6	J	2.6	J	24.8		28.2		14.5	
Perfluorononanoic acid (PFNA)	ng/L	1.9	J	1.2	J	1.9	U	5.4		9.7		8.7	
Perfluorodecanoic acid (PFDA)	ng/L	2	J	1.3	J	1.1	J	2.5	U	1.5	J	1.4	J
Perfluoroundecanoic acid (PFUnA)	ng/L	1	J	0.97	J	1	J	2.5	U	2	U	0.72	J
Perfluorododecanoic acid (PFDoA)	ng/L	1.9	U	1.9	U	1.9	U	2.5	U	2	U	2	U
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.9	U	1.9	U	1.9	U	2.5	U	2	U	2	U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	1.9	U	1.9	U	9.3	U	2.5	U	2	U	2	U
Perfluorobutanesulfonic acid (PFBS)	ng/L	1.9	U	1.9	U	1.9	U	2.5	J	1.1	J	2	U
Perfluoropentanesulfonic acid (PFPeS)	ng/L	1.9	U	1.9	U	1.9	U	2.6	J	1.3	J	4	U
Perfluorohexanesulfonic acid (PFHxS)	ng/L	11.4		6.7		6.6		19.2		13.6		6.1	
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	1.9	J	1.1	J	1.9	U	0.93	J	1.2	J	0.91	J
Perfluorooctanesulfonic acid (PFOS)	ng/L	358		155		125		35.3		44.6		53	
Perfluorononanesulfonic acid (PFNS)	ng/L	1.9	U	1.1	J	1	J	2.5	U	2	U	2	U
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.9	U	1.9	U	1.9	U	2.5	U	2	U	2	U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	NA		NA		NA		5.1	U	4	U	4	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	3.7	U	3.7	U	3.7	U	10	U	8	U	8	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	3.7	U	3.7	U	3.7	U	10	U	8	U	8	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	3.7	U	3.7	U	3.7	U	10	U	8	U	8	U
Perfluorooctane sulfonamide (PFOSA)	ng/L	4.2		3.4	J	1.9	U	2.5	U	2	U	2	U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	19	U	19	U	19	U	5.1	U	4	U	4	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	NA		NA		NA		5.1	U	4	U	4	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.7	U	3.7	U	3.7	U	5.1	U	4	U	4	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.7	U	3.7	U	3.7	U	5.1	U	4	U	4	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	NA		NA		NA		25	U	20	U	20	U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	NA		NA		NA		25	U	20	U	20	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	NA		NA		NA		2.5	U	2	U	2	U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	NA		NA		NA		5.1	U	4	U	4	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	NA		NA		NA		2.5	U	2	U	2	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	NA		NA		NA		5.1	U	4	U	4	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	NA		NA		NA		5.1	U	4	U	4	U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	NA		NA		NA		5.1	U	4	U	4	U
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	NA		NA		NA		5.1	U	4	U	4	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	NA		NA		NA		2.5	U	2	U	2	U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	NA		NA		NA		13	U	10	U	10	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	NA		NA		NA		25	U	20	U	20	U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	NA		NA		NA		25	U	20	U	20	U

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		3											
Location		SB12025											
Sample Depth (ft bgs)		0-2						13-15					
Sample ID		LORNG_SB12025_0-2_100124 T5	LORNG_SB12025_0-2_100124 T6	LORNG_SB12025_0-2_100124 T7	LORNG_SB12025_0-2_100124 T8	LORNG_SB12025_0-2_100124 T9	LORNG_SB12025_13-15_100124 T1	LORNG_SB12025_13-15_100124 T2					
Sample Date		11/1/2024	11/3/2024	11/4/2024	11/8/2024	11/9/2024	10/30/2024	10/30/2024					
Sample Type		N	N	N	N	N	N	N					
Latitude		46.9478865	46.9478865	46.9478865	46.9478865	46.9478865	46.9478865	46.9478865					
Longitude		-67.90375115	-67.90375115	-67.90375115	-67.90375115	-67.90375115	-67.90375115	-67.90375115					
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		3.6 J	4.7 U
Perfluoropentanoic acid (PFPeA)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		9.5 J	6.1 J
Perfluorohexanoic acid (PFHxA)	ng/L	1.5 J		2 U		2.1 U		2 U		2 U		10.4	6.9
Perfluoroheptanoic acid (PFHpA)	ng/L	2.3 J		1.1 J		0.55 J		2 U		2 U		22.3	8.4
Perfluorooctanoic acid (PFOA)	ng/L	9.2		3.3 J		1.4 J		0.91 J		0.69 J		209	55.7
Perfluorononanoic acid (PFNA)	ng/L	7.4		2.2 J		2.1 U		2 U		2 U		0.91 J	2.3 U
Perfluorodecanoic acid (PFDA)	ng/L	1.3 J		1.1 J		1.2 J		2 U		2 U		0.97 J	2.3 U
Perfluoroundecanoic acid (PFUnA)	ng/L	2.1 U		2 U		2.1 U		0.83 J		0.79 J		2.4 U	2.3 U
Perfluorododecanoic acid (PFDoA)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		2.4 U	2.3 U
Perfluorotridecanoic acid (PFTrDA)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		2.4 U	2.3 U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		2.4 U	2.3 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		3 J	2.2 J
Perfluoropentanesulfonic acid (PFPeS)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		3.4 J	2.6 J
Perfluorohexanesulfonic acid (PFHxS)	ng/L	4.8		1.5 J		2.1 U		2 U		2 U		24.7	16.9
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	0.76 J		2 U		2.1 U		2 U		2 U		2.5 J	1.6 J
Perfluorooctanesulfonic acid (PFOS)	ng/L	37.5		28		19.4		10.1		8		222	131
Perfluorononanesulfonic acid (PFNS)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		1.2 J	0.87 J
Perfluorodecanesulfonic acid (PFDS)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		2.4 U	2.3 U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	8.3 U		8 U		8.4 U		8.2 U		8.2 U		9.6 U	9.3 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	8.3 U		8 U		8.4 U		8.2 U		8.2 U		9.6 U	9.3 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	8.3 U		8 U		8.4 U		8.2 U		8.2 U		10 J	5.3 J
Perfluorooctane sulfonamide (PFOSA)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		1.4 J	2.3 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	21 U		20 U		21 U		20 U		20 U		24 U	23 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	21 U		20 U		21 U		20 U		20 U		24 U	23 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		2.4 U	2.3 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		2.4 U	2.3 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	4.2 U		4 U		4.2 U		4.1 U		4.1 U		4.8 U	4.7 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	2.1 U		2 U		2.1 U		2 U		2 U		2.4 U	2.3 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	10 U		10 U		11 U		10 U		10 U		12 U	12 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	21 U		20 U		21 U		20 U		20 U		24 U	23 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	21 U		20 U		21 U		20 U		20 U		24 U	23 U

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		3													
Location		SB12025													
Sample Depth (ft bgs)		13-15													
Sample ID		LORNG_SB12025_13-15_100124 T3		LORNG_SB12025_13-15_100124 T4		LORNG_SB12025_13-15_100124 T5		LORNG_SB12025_13-15_100124 T6		LORNG_SB12025_13-15_100124 T7		LORNG_SB12025_13-15_100124 T8		LORNG_SB12025_13-15_100124 T9	
Sample Date		10/31/2024		10/31/2024		11/1/2024		11/3/2024		11/4/2024		11/8/2024		11/9/2024	
Sample Type		N		N		N		N		N		N		N	
Latitude		46.9478865		46.9478865		46.9478865		46.9478865		46.9478865		46.9478865		46.9478865	
Longitude		-67.90375115		-67.90375115		-67.90375115		-67.90375115		-67.90375115		-67.90375115		-67.90375115	
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	3.6	U	2.1	J	4	U	4	U	4.2	U	4.5	U	4.2	U
Perfluoropentanoic acid (PFPeA)	ng/L	6.4	J	2.8	J	1.4	J	2	U	2.1	U	2.2	U	2.1	U
Perfluorohexanoic acid (PFHxA)	ng/L	4.5		2	J	1.4	J	0.8	J	2.1	U	2.2	U	2.1	U
Perfluoroheptanoic acid (PFHpA)	ng/L	3.5	J	3.3	J	2.2	J	1	J	0.62	J	2.2	U	2.1	U
Perfluorooctanoic acid (PFOA)	ng/L	10.4		26.5		19.5		11.6		5.1		1.1	U	1	U
Perfluorononanoic acid (PFNA)	ng/L	1.8	U	1.4	J	1.1	J	2	U	2.1	U	2.2	U	2.1	U
Perfluorodecanoic acid (PFDA)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluoroundecanoic acid (PFUnA)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluorododecanoic acid (PFDoA)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluorobutanesulfonic acid (PFBS)	ng/L	1.5	J	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluoropentanesulfonic acid (PFPeS)	ng/L	1.4	J	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
Perfluorohexanesulfonic acid (PFHxS)	ng/L	10.9		5		3.6	J	2	J	1.3	J	0.87	J	2.1	U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	1.1	J	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluorooctanesulfonic acid (PFOS)	ng/L	85.4		18.6		15.4		9.6		4.8		10.3		6.3	
Perfluorononanesulfonic acid (PFNS)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	7.3	U	8	U	8.1	U	7.9	U	8.3	U	9	U	8.3	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	7.3	U	8	U	8.1	U	7.9	U	8.3	U	9	U	8.3	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	7.3	U	8	U	8.1	U	7.9	U	8.3	U	9	U	8.3	U
Perfluorooctane sulfonamide (PFOSA)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	18	U	20	U	20	U	20	U	21	U	22	U	21	U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	18	U	20	U	20	U	20	U	21	U	22	U	21	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	3.6	U	4	U	4	U	4	U	4.2	U	4.5	U	4.2	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	1.8	U	2	U	2	U	2	U	2.1	U	2.2	U	2.1	U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	9.1	U	10	U	10	U	9.9	U	10	U	11	U	10	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	18	U	20	U	20	U	20	U	21	U	22	U	21	U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	18	U	20	U	20	U	20	U	21	U	22	U	21	U

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		4													
Location		LYS05012													
Sample Depth (ft bgs)		0-3													
Sample ID		LORG_LYS05012_0-3_080522T01		LORG_LYS05012_0-3_080522T02		LORG_LYS05012_0-3_080522T03		LORG_LYS05012_0-3_080522T04		LORG_LYS05012_0-3_080522T05		LORG_LYS05012_0-3_080522T06		LORG_LYS05012_0-3_080522T07	
Sample Date		8/17/2022		8/17/2022		8/18/2022		8/18/2022		8/19/2022		8/21/2022		8/22/2022	
Sample Type		N		N		N		N		N		N		N	
Latitude		46.934031		46.934031		46.934031		46.934031		46.934031		46.934031		46.934031	
Longitude		-67.9069311		-67.9069311		-67.9069311		-67.9069311		-67.9069311		-67.9069311		-67.9069311	
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	81.5		19.9		4.6 J		2.2 J		3.9 U		2.1 J		3.7 U	
Perfluoropentanoic acid (PFPeA)	ng/L	236		57.7		13.6		6.6		4.8		5.1		2.6 J	
Perfluorohexanoic acid (PFHxA)	ng/L	510		127		32.1		16.2		12		12.7		4.9	
Perfluoroheptanoic acid (PFHpA)	ng/L	235		57.7		15.1		7.3		5.4		7		3 J	
Perfluorooctanoic acid (PFOA)	ng/L	419		110		30.7		15		11.3		10.3		5.3	
Perfluorononanoic acid (PFNA)	ng/L	28.8 J		6.8		2.1 J		1 J		2 U		1.4 J		1.9 U	
Perfluorodecanoic acid (PFDA)	ng/L	29.4		10.5		3.8 J		1.8 J		1.3 J		1.3 J		1.9 U	
Perfluoroundecanoic acid (PFUnA)	ng/L	3.3 J		2 U		2 U		1.9 U		2 U		1.9 U		1.9 U	
Perfluorododecanoic acid (PFDoA)	ng/L	1.1 J		2 U		2 U		1.9 U		2 U		19 U		1.9 U	
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.9 U		2 U		2 U		1.9 U		2 U		19 U		1.9 U	
Perfluorotetradecanoic acid (PFTeDA)	ng/L	1.9 U		2 U		2 U		1.9 U		2 U		19 U		1.9 U	
Perfluorobutanesulfonic acid (PFBS)	ng/L	308		74.9		21.5		9.9		7.6		5.6		3.9	
Perfluoropentanesulfonic acid (PFPeS)	ng/L	276		83.6		23.2		11.6		8.9		5.9		3.5 J	
Perfluorohexanesulfonic acid (PFHxS)	ng/L	2580		745		238		120		95.4		65.8		44.1	
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	253		72.7		23.1		11.3		9.9		6.8		3.9	
Perfluorooctanesulfonic acid (PFOS)	ng/L	10200		14900		5430		3090		2440		1340		975	
Perfluorononanesulfonic acid (PFNS)	ng/L	380 U		2 U		2 U		1.9 U		2 U		1.9 U		9.3	
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.9 U		2 U		2 U		1.9 U		2 U		1.9 U		1.9 U	
Perfluorododecanesulfonic acid (PFDoS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	16.7		4.1 J		3.9 U		3.8 U		3.9 U		3.7 U		3.7 U	
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	467		172		53.7		26.6		20.6		13.5		8.5	
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	1030		744		396		244		193		118		69.7	
Perfluorooctane sulfonamide (PFOSA)	ng/L	311 J		554		264		137		102		63.6		38.1	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	770 U		20 U		3.9 U		4.2 J		2.9 J		37 U		19 U	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	25.8 J		3.9 U		3.9 U		3.8 U		3.9 U		3.7 U		3.7 U	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	770 U		3.9 U		3.9 U		3.8 U		3.9 U		3.7 U		3.7 U	
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	NA		NA		NA		NA		NA		NA		NA	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		4													
Location		LYS05012				LYS07007									
Sample Depth (ft bgs)		0-3				0-3									
Sample ID		LORG_LYS05012_0-3_080522T08		LORG_LYS05012_0-3_080522T09		LORG_LYS07007_0-3_080522T01		LORG_LYS07007_0-3_080522T02		LORG_LYS07007_0-3_080522T03		LORG_LYS07007_0-3_080522T04		LORG_LYS07007_0-3_080522T05	
Sample Date		8/26/2022		8/27/2022		8/17/2022		8/17/2022		8/18/2022		8/18/2022		8/19/2022	
Sample Type		N		N		N		N		N		N		N	
Latitude		46.934031		46.934031		46.9436288		46.9436288		46.9436288		46.9436288		46.9436288	
Longitude		-67.9069311		-67.9069311		-67.8902486		-67.8902486		-67.8902486		-67.8902486		-67.8902486	
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	3.7	U	3.7	U	152		43.7		20.1	J	13.2		10.3	
Perfluoropentanoic acid (PFPeA)	ng/L	3.3	J	3.3	J	612		157		72		46.7		36.2	
Perfluorohexanoic acid (PFHxA)	ng/L	7.7		7.1		401		109		51.2		32.3		25.3	
Perfluoroheptanoic acid (PFHpA)	ng/L	5.1		5.1		240		64.5		30.5		19.1		14.6	
Perfluorooctanoic acid (PFOA)	ng/L	5.9		5.9		355		101		47.3		29.8		23.3	
Perfluorononanoic acid (PFNA)	ng/L	0.93	J	1.9	U	246		79.3		38.8		24.2		18.8	
Perfluorodecanoic acid (PFDA)	ng/L	1.9	U	1.9	U	35.4		30.6		15.9		9.4		6.4	
Perfluoroundecanoic acid (PFUnA)	ng/L	1.9	U	1.9	U	1.9	U	1.9	U	1.3	J	1.6	J	1.4	J
Perfluorododecanoic acid (PFDoA)	ng/L	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	1.9	U	3.7	U	1.9	U	1.9	U	190	U	1.9	U	1.9	U
Perfluorobutanesulfonic acid (PFBS)	ng/L	2.3	J	1.9	J	106		30.3		13.2		8.4		7	
Perfluoropentanesulfonic acid (PFPeS)	ng/L	2.2	J	1.7	J	181		56.2		26.3		17		12.4	
Perfluorohexanesulfonic acid (PFHxS)	ng/L	28.6		22.1		1920		580		279		181		138	
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	3.1	J	2.5	J	470		183		66		40.4		26.4	
Perfluorooctanesulfonic acid (PFOS)	ng/L	475		374		22900		22900		10600		14300		9720	
Perfluorononanesulfonic acid (PFNS)	ng/L	1.9	U	1.9	U	370	U	38	U	9.6	U	9.6	U	1.9	U
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	3.7	U	3.7	U	5.9	J	3.8	U	3.8	U	3.8	U	3.8	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	5.7	J	4.1	J	555		235		124		85.6		68.6	
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	40.7		28.1		169		213		147		93.9		66.9	
Perfluorooctane sulfonamide (PFOSA)	ng/L	19.9		14.7		120		129		85.6		52.6		37.5	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	7.4	U	7.4	U	740	U	77	U	380	U	150	U	3.8	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.7	U	3.7	U	740	U	3.8	U	3.8	U	3.8	U	3.8	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.7	U	3.7	U	740	U	3.8	U	3.8	U	3.8	U	3.8	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	NA		NA		NA		NA		NA		NA		NA	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		4													
Location		LYS07007													
Sample Depth (ft bgs)		0-3							8-10						
Sample ID		LORG_LYS07007_0-3_080522T06		LORG_LYS07007_0-3_080522T07		LORG_LYS07007_0-3_080522T08		LORG_LYS07007_0-3_080522T09		LORG_LYS07007_8-10_080522T01		LORG_LYS07007_8-10_080522T02		LORG_LYS07007_8-10_080522T03	
Sample Date		8/21/2022		8/22/2022		8/26/2022		8/27/2022		8/17/2022		8/17/2022		8/18/2022	
Sample Type		N		N		N		N		N		N		N	
Latitude		46.9436288		46.9436288		46.9436288		46.9436288		46.9436288		46.9436288		46.9436288	
Longitude		-67.8902486		-67.8902486		-67.8902486		-67.8902486		-67.8902486		-67.8902486		-67.8902486	
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	9.3		6.4 J		5 J		3.8 J		268		106		43.7	
Perfluoropentanoic acid (PFPeA)	ng/L	31.8		23.1		17.1		13.4		1210		427		188	
Perfluorohexanoic acid (PFHxA)	ng/L	26.6		16		15.2		11.6		1350		494		218	
Perfluoroheptanoic acid (PFHpA)	ng/L	46 U		9.5		8.9		6.8		763		311		131	
Perfluorooctanoic acid (PFOA)	ng/L	21.7		15		12.5		10.2		4250		2010		1060	
Perfluorononanoic acid (PFNA)	ng/L	46 U		11.4		8.2		6.2		592		281		163	
Perfluorodecanoic acid (PFDA)	ng/L	46 U		3.6 J		2.5 J		2 J		19 U		6.2		4.1	
Perfluoroundecanoic acid (PFUnA)	ng/L	46 U		1.3 J		1.9 U		1.9 U		19 U		1.9 U		1.9 U	
Perfluorododecanoic acid (PFDoA)	ng/L	46 U		46 U		1.9 U		1.9 U		19 U		1.9 U		1.9 U	
Perfluorotridecanoic acid (PFTrDA)	ng/L	46 U		46 U		1.9 U		1.9 U		19 U		1.9 U		1.9 U	
Perfluorotetradecanoic acid (PFTeDA)	ng/L	46 U		46 U		37 U		1.9 U		19 U		1.9 U		1.9 U	
Perfluorobutanesulfonic acid (PFBS)	ng/L	5.6		5.3		2.9 J		2.3 J		702		273		116	
Perfluoropentanesulfonic acid (PFPeS)	ng/L	9.3		7.7		5		3.5 J		1430		557		242	
Perfluorohexanesulfonic acid (PFHxS)	ng/L	112		84.6		57.5		42.7		20700		12800		6120	
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	19.2		14.8		12.4		8.7		5740		2740		1640	
Perfluorooctanesulfonic acid (PFOS)	ng/L	6850		5960		2990		2150		20900		15300		9930	
Perfluorononanesulfonic acid (PFNS)	ng/L	17.8		23.5		37 U		19 U		19 U		1.9 U		1.9 U	
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.9 U		1.9 U		1.9 U		1.9 U		19 U		1.9 U		1.9 U	
Perfluorododecanesulfonic acid (PFDoS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	93 U		3.7 U		3.7 U		3.7 U		51.8 J		20.5		9.1	
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	56.8		45.9		35.7		29		9150		5400		2670	
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	51.6 J		35.8		20.9		16.3		19.5 J		11.8		7.2 J	
Perfluorooctane sulfonamide (PFOSA)	ng/L	28.6 J		24.9		12.8		9.9		77 U		1.9 U		1.9 U	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	93 U		93 U		3.7 U		3.7 U		150 U		150 U		150 U	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.7 U		3.7 U		3.7 U		3.7 U		38 U		3.7 U		3.7 U	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.7 U		3.7 U		74 U		3.7 U		38 U		3.7 U		3.7 U	
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	NA		NA		NA		NA		NA		NA		NA	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Nonafluoro-3,6-dioxiheptanoic acid (NFDHA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
11-Chlororeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	NA		NA		NA		NA		NA		NA		NA	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA		NA	

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		4											
Location		LYS07007										SB05041	
Sample Depth (ft bgs)		8-10										0-2	
Sample ID		LORG_LYS07007_8-10_080522T04		LORG_LYS07007_8-10_080522T05		LORG_LYS07007_8-10_080522T06		LORG_LYS07007_8-10_080522T07		LORG_LYS07007_8-10_080522T08		LORG_LYS07007_8-10_080522T09	LORNG_SB05041_0-2_100124T1
Sample Date		8/18/2022		8/19/2022		8/21/2022		8/22/2022		8/26/2022		8/27/2022	10/30/2024
Sample Type		N		N		N		N		N		N	N
Latitude		46.9436288		46.9436288		46.9436288		46.9436288		46.9436288		46.9436288	46.93479516
Longitude		-67.8902486		-67.8902486		-67.8902486		-67.8902486		-67.8902486		-67.8902486	-67.9069296
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	20.5		15		8.7		5.5 J		3.3 J		1.9 J	26.7
Perfluoropentanoic acid (PFPeA)	ng/L	87.3		64.2		37.9		22.5 J		12.9		8.7	13.8
Perfluorohexanoic acid (PFHxA)	ng/L	103		80.2		44.1		27.5 J		18.4		10.8	10.1
Perfluoroheptanoic acid (PFHpA)	ng/L	66		47.6		28.5 J		19.3 J		11.6		6.7	15.3
Perfluorooctanoic acid (PFOA)	ng/L	540		441		259		178		98.5		72.7	31.3
Perfluorononanoic acid (PFNA)	ng/L	106		74.6		55		38.8		22.4		17.3	3.7 J
Perfluorodecanoic acid (PFDA)	ng/L	2.8 J		2.1 J		19 U		19 U		1 J		0.99 J	2.1 U
Perfluoroundecanoic acid (PFUnA)	ng/L	1.9 U		1.9 U		19 U		19 U		1.9 U		1.9 U	2.1 U
Perfluorododecanoic acid (PFDoA)	ng/L	1.9 U		1.9 U		19 U		19 U		1.9 U		1.9 U	2.1 U
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.9 U		1.9 U		19 U		19 U		1.9 U		1.9 U	2.1 U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	1.9 U		1.9 U		19 U		19 U		1.9 U		1.9 U	2.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	56.5		39.8		23.4		13.8 J		7.8		5.1	4.9
Perfluoropentanesulfonic acid (PFPeS)	ng/L	118		87.7		42.2		30.3 J		17.8		12.3	3.5 J
Perfluorohexanesulfonic acid (PFHxS)	ng/L	3200		2630		1360		812		509		344	23.6
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	1000		801		431		276		174		137	2.1 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	6770		5320		3340		2530		1260		1030	14
Perfluorononanesulfonic acid (PFNS)	ng/L	1.9 U		1.9 U		19 U		19 U		1.9 U		1.9 U	2.1 U
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.9 U		1.9 U		19 U		19 U		1.9 U		1.9 U	2.1 U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	NA		NA		NA		NA		NA		NA	4.2 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	4.2 J		3.3 J		37 U		37 U		3.7 U		3.7 U	8.3 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	1270		1420		462		348		205		147	8.3 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	5.2 J		4.1 J		37 U		37 U		3.7 U		3.7 U	8.3 U
Perfluorooctane sulfonamide (PFOSA)	ng/L	1.9 U		1.9 U		19 U		19 U		1.9 U		1.9 U	2.1 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	150 U		150 U		37 U		37 U		19 U		19 U	4.2 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	NA		NA		NA		NA		NA		NA	4.2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.7 U		3.7 U		3.7 U		37 U		3.7 U		3.7 U	4.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.7 U		3.7 U		3.7 U		37 U		3.7 U		3.7 U	4.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	NA		NA		NA		NA		NA		NA	21 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	NA		NA		NA		NA		NA		NA	21 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	NA		NA		NA		NA		NA		NA	2.1 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	NA		NA		NA		NA		NA		NA	4.2 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	NA		NA		NA		NA		NA		NA	2.1 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	NA		NA		NA		NA		NA		NA	4.2 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	NA		NA		NA		NA		NA		NA	4.2 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	NA		NA		NA		NA		NA		NA	4.2 U
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	NA		NA		NA		NA		NA		NA	4.2 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	NA		NA		NA		NA		NA		NA	2.1 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA	10 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA	21 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	NA		NA		NA		NA		NA		NA	21 U

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		4											
Location		SB05041											
Sample Depth (ft bgs)		0-2											
Sample ID		LORNG_SB05041_0-2_100124 T2	LORNG_SB05041_0-2_100124 T3	LORNG_SB05041_0-2_100124 T4	LORNG_SB05041_0-2_100124 T5	LORNG_SB05041_0-2_100124 T6	LORNG_SB05041_0-2_100124 T7	LORNG_SB05041_0-2_100124 T8					
Sample Date		10/30/2024	10/31/2024	10/31/2024	11/1/2024	11/3/2024	11/4/2024	11/8/2024					
Sample Type		N	N	N	N	N	N	N					
Latitude		46.93479516	46.93479516	46.93479516	46.93479516	46.93479516	46.93479516	46.93479516					
Longitude		-67.9069296	-67.9069296	-67.9069296	-67.9069296	-67.9069296	-67.9069296	-67.9069296					
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	29.2		22.2		3.8 U		3.9 U		3.6 U		3.8 U	
Perfluoropentanoic acid (PFPeA)	ng/L	18.1		12.9		9.4 U		20 U		18 U		1.9 U	
Perfluorohexanoic acid (PFHxA)	ng/L	13.2		10.7		0.96 J		2 U		18 U		1.9 U	
Perfluoroheptanoic acid (PFHpA)	ng/L	18.8		17.7		1.3 J		0.75 J		0.68 J		1.9 U	
Perfluorooctanoic acid (PFOA)	ng/L	39.6		50.6		3.7 J		1.4 J		0.81 J		0.72 J	
Perfluorononanoic acid (PFNA)	ng/L	7.9		15.7		4.9		2.6 J		0.7 J		1.9 U	
Perfluorodecanoic acid (PFDA)	ng/L	0.85 J		1.9 J		1.1 J		1.2 J		0.88 J		0.6 J	
Perfluoroundecanoic acid (PFUnA)	ng/L	2.1 U		1.9 U		1.9 U		0.67 J		0.97 J		0.96 J	
Perfluorododecanoic acid (PFDoA)	ng/L	2.1 U		1.9 U		1.9 U		2 U		1.8 U		1.9 U	
Perfluorotridecanoic acid (PFTrDA)	ng/L	2.1 U		1.9 U		1.9 U		2 U		1.8 U		1.9 U	
Perfluorotetradecanoic acid (PFTeDA)	ng/L	2.1 U		1.9 U		1.9 U		2 U		1.8 U		1.9 U	
Perfluorobutanesulfonic acid (PFBS)	ng/L	3.4 J		2.5 J		1.9 U		2 U		18 U		1.9 U	
Perfluoropentanesulfonic acid (PFPeS)	ng/L	3.2 J		2.8 J		3.8 U		3.9 U		36 U		3.8 U	
Perfluorohexanesulfonic acid (PFHxS)	ng/L	28.9		32.6		1.4 J		0.81 J		18 U		1.9 U	
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	0.78 J		1.5 J		1.9 U		2 U		1.8 U		1.9 U	
Perfluorooctanesulfonic acid (PFOS)	ng/L	23.1		36.7		34.7		33.2		22		12.6	
Perfluorononanesulfonic acid (PFNS)	ng/L	2.1 U		1.9 U		1.9 U		2 U		1.8 U		1.9 U	
Perfluorodecanesulfonic acid (PFDS)	ng/L	2.1 U		1.9 U		1.9 U		2 U		1.8 U		1.9 U	
Perfluorododecanesulfonic acid (PFDoS)	ng/L	4.2 U		3.7 U		3.8 U		3.9 U		3.6 U		3.8 U	
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	8.3 U		7.4 U		7.5 U		78 U		73 U		7.7 U	
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	8.3 U		7.4 U		7.5 U		7.8 U		7.3 U		7.7 U	
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	8.3 U		7.4 U		7.5 U		7.8 U		7.3 U		7.7 U	
Perfluorooctane sulfonamide (PFOSA)	ng/L	0.73 J		1.9 U		1.9 U		2 U		1.8 U		1.9 U	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	4.2 U		3.7 U		3.8 U		3.9 U		3.6 U		3.8 U	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	4.2 U		3.7 U		3.8 U		3.9 U		3.6 U		3.8 U	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	4.2 U		3.7 U		3.8 U		3.9 U		3.6 U		3.8 U	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	4.2 U		3.7 U		3.8 U		3.9 U		3.6 U		3.8 U	
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	21 U		19 U		19 U		20 U		18 U		19 U	
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	21 U		19 U		19 U		20 U		18 U		19 U	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	2.1 U		1.9 U		1.9 U		2 U		1.8 U		1.9 U	
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	4.2 U		3.7 U		3.8 U		3.9 U		3.6 U		3.8 U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	2.1 U		1.9 U		1.9 U		2 U		1.8 U		1.9 U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	4.2 U		3.7 U		19 U		39 U		36 U		3.8 U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	4.2 U		3.7 U		3.8 U		3.9 U		3.6 U		3.8 U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	4.2 U		3.7 U		3.8 U		3.9 U		3.6 U		3.8 U	
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	4.2 U		3.7 U		3.8 U		3.9 U		3.6 U		3.8 U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ng/L	2.1 U		1.9 U		1.9 U		2 U		18 U		1.9 U	
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	10 U		9.3 U		9.4 U		9.8 U		9.1 U		9.6 U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	21 U		19 U		19 U		20 U		180 U		19 U	
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	21 U		19 U		19 U		20 U		180 U		19 U	

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		4													
Location		SB05041													
Sample Depth (ft bgs)		0-2		10-12											
Sample ID		LORNG_SB05041_0-2_100124 T9		LORNG_SB05041_10-12_100124 T1		LORNG_SB05041_10-12_100124 T2		LORNG_SB05041_10-12_100124 T3		LORNG_SB05041_10-12_100124 T4		LORNG_SB05041_10-12_100124 T5		LORNG_SB05041_10-12_100124 T6	
Sample Date		11/9/2024		10/30/2024		10/30/2024		10/31/2024		10/31/2024		11/1/2024		11/3/2024	
Sample Type		N		N		N		N		N		N		N	
Latitude		46.93479516		46.93479516		46.93479516		46.93479516		46.93479516		46.93479516		46.93479516	
Longitude		-67.9069296		-67.9069296		-67.9069296		-67.9069296		-67.9069296		-67.9069296		-67.9069296	
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	4.1	U	8.3	J	6.3	J	6.3	J	3.6	U	3.7	U	3.8	U
Perfluoropentanoic acid (PFPeA)	ng/L	2	U	10.8		9.6		7.7		2.2	J	1.8	J	0.98	J
Perfluorohexanoic acid (PFHxA)	ng/L	2	U	6.7		5.9		6		1.9	J	1.4	J	0.75	J
Perfluoroheptanoic acid (PFHpA)	ng/L	2	U	7.1		7.5		6.6		1.6	J	1.2	J	0.62	J
Perfluorooctanoic acid (PFOA)	ng/L	0.83	J	24.8		41.7		40.8		4.1		2.9	J	1.1	J
Perfluorononanoic acid (PFNA)	ng/L	2	U	1.5	J	2.2	J	3	J	1.8	U	1.9	U	1.9	U
Perfluorodecanoic acid (PFDA)	ng/L	0.8	J	2.5	U	2.1	U	0.66	J	1.8	U	1.9	U	1.9	U
Perfluoroundecanoic acid (PFUnA)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
Perfluorododecanoic acid (PFDoA)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
Perfluorotridecanoic acid (PFTrDA)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
Perfluorobutanesulfonic acid (PFBS)	ng/L	2	U	2	J	1.4	J	1.2	J	0.6	J	0.53	J	1.9	U
Perfluoropentanesulfonic acid (PFPeS)	ng/L	4.1	U	5	U	1.5	J	1.4	J	3.6	U	3.7	U	3.8	U
Perfluorohexanesulfonic acid (PFHxS)	ng/L	2	U	16.2		13.6		11.5		5.1		4.5		2.3	J
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	2	U	0.8	J	2.1	U	1.9	U	0.59	J	1.9	U	1.9	U
Perfluorooctanesulfonic acid (PFOS)	ng/L	13.1		25.8		23.2		31.3		38.3		34.1		21.4	
Perfluorononanesulfonic acid (PFNS)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
Perfluorodecanesulfonic acid (PFDS)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	8.2	U	10	U	8.3	U	7.7	U	7.3	U	7.4	U	7.5	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	8.2	U	10	U	8.3	U	7.7	U	7.3	U	7.4	U	7.5	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	8.2	U	10	U	8.3	U	7.7	U	7.3	U	7.4	U	7.5	U
Perfluorooctane sulfonamide (PFOSA)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	20	U	25	U	21	U	19	U	18	U	19	U	19	U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	20	U	25	U	21	U	19	U	18	U	19	U	19	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	4.1	U	5	U	4.2	U	3.8	U	3.6	U	3.7	U	3.8	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	2	U	2.5	U	2.1	U	1.9	U	1.8	U	1.9	U	1.9	U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	10	U	13	U	10	U	9.6	U	9.1	U	9.3	U	9.4	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	20	U	25	U	21	U	19	U	18	U	19	U	19	U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	20	U	25	U	21	U	19	U	18	U	19	U	19	U

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		4											
Location		SB05041						SB07036					
Sample Depth (ft bgs)		10-12						0-2					
Sample ID		LORNG_SB05041_10-12_100124 T7	LORNG_SB05041_10-12_100124 T8	LORNG_SB05041_10-12_100124 T9	LORNG_SB07036_0-2_093024 T1	LORNG_SB07036_0-2_093024 T2	LORNG_SB07036_0-2_093024 T3	LORNG_SB07036_0-2_093024 T4					
Sample Date		11/4/2024	11/8/2024	11/9/2024	10/30/2024	10/30/2024	10/31/2024	10/31/2024					
Sample Type		N	N	N	N	N	N	N					
Latitude		46.93479516	46.93479516	46.93479516	46.94443401	46.94443401	46.94443401	46.94443401					
Longitude		-67.9069296	-67.9069296	-67.9069296	-67.889806	-67.889806	-67.889806	-67.889806					
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	3.7	U	4	U	4	U	135		162		87.2	
Perfluoropentanoic acid (PFPeA)	ng/L	1.9	U	2	U	2	U	75.4		94.6		57.4	
Perfluorohexanoic acid (PFHxA)	ng/L	1.9	U	2	U	2	U	44.7		53.4		31.6	
Perfluoroheptanoic acid (PFHpA)	ng/L	1.9	U	2	U	2	U	45.4		53.9		35.9	
Perfluorooctanoic acid (PFOA)	ng/L	0.93	U	4.6		2.3	J	52.6		63.8		51.3	
Perfluorononanoic acid (PFNA)	ng/L	1.9	U	2	U	2	U	15.8		25.8		28.2	
Perfluorodecanoic acid (PFDA)	ng/L	1.9	U	2	U	2	U	2.6	U	1.2	J	1.1	J
Perfluoroundecanoic acid (PFUnA)	ng/L	1.9	U	2	U	2	U	2.6	U	2.6	U	2.6	U
Perfluorododecanoic acid (PFDoA)	ng/L	1.9	U	2	U	2	U	2.6	U	2.6	U	2.6	U
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.9	U	2	U	2	U	2.6	U	2.6	U	2.6	U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	1.9	U	2	U	2	U	17	UJ	2.6	U	2.6	U
Perfluorobutanesulfonic acid (PFBS)	ng/L	1.9	U	2	U	2	U	4.3	J	3	J	1.7	J
Perfluoropentanesulfonic acid (PFPeS)	ng/L	3.7	U	4	U	4	U	2.7	J	1.9	J	5.3	U
Perfluorohexanesulfonic acid (PFHxS)	ng/L	1	J	0.95	J	0.72	J	45.9		40.8		31.5	
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	1.9	U	2	U	2	U	4.8	J	3.6	J	3.3	J
Perfluorooctanesulfonic acid (PFOS)	ng/L	10.1		4.9		2.4	J	136		152		180	
Perfluorononanesulfonic acid (PFNS)	ng/L	1.9	U	2	U	2	U	2.6	U	2.6	U	2.6	U
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.9	U	2	U	2	U	2.6	U	2.6	U	2.6	U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	3.7	U	4	U	4	U	5.3	U	5.2	U	5.3	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	7.4	U	8	U	8	U	11	U	10	U	11	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	7.4	U	8	U	8	U	11	U	10	U	11	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	7.4	U	8	U	8	U	11	U	10	U	11	U
Perfluorooctane sulfonamide (PFOSA)	ng/L	1.9	U	2	U	2	U	2.6	U	2.6	U	2.6	U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	3.7	U	4	U	4	U	5.3	U	5.2	U	5.3	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	37	U	4	U	4	U	5.3	U	5.2	U	5.3	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.7	U	4	U	4	U	5.3	U	5.2	U	5.3	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.7	U	4	U	4	U	5.3	U	5.2	U	5.3	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	19	U	20	U	20	U	170	UJ	26	U	26	U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	19	U	20	U	20	U	170	UJ	26	U	26	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	1.9	U	2	U	2	U	2.6	U	2.6	U	2.6	U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	3.7	U	4	U	4	U	5.3	U	5.2	U	5.3	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	1.9	U	2	U	2	U	2.6	U	2.6	U	2.6	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	3.7	U	4	U	4	U	5.3	U	5.2	U	5.3	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L	3.7	U	4	U	4	U	5.3	U	5.2	U	5.3	U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	3.7	U	4	U	4	U	5.3	U	5.2	U	5.3	U
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	3.7	U	4	U	4	U	5.3	U	5.2	U	5.3	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ng/L	1.9	U	2	U	2	U	2.6	U	2.6	U	2.6	U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	9.3	U	10	U	10	U	13	U	13	U	13	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	19	U	20	U	20	U	26	U	26	U	26	U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	19	U	20	U	20	U	26	U	26	U	26	U

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		4											
Location		SB07036											
Sample Depth (ft bgs)		0-2						13-15					
Sample ID		LORNG_SB07036_0-2_093024 T5	LORNG_SB07036_0-2_093024 T6	LORNG_SB07036_0-2_093024 T7	LORNG_SB07036_0-2_093024 T8	LORNG_SB07036_0-2_093024 T9	LORNG_SB07036_13-15_093024 T1	LORNG_SB07036_13-15_093024 T2					
Sample Date		11/1/2024	11/3/2024	11/4/2024	11/8/2024	11/9/2024	10/30/2024	10/30/2024					
Sample Type		N	N	N	N	N	N	N					
Latitude		46.94443401	46.94443401	46.94443401	46.94443401	46.94443401	46.94443401	46.94443401					
Longitude		-67.889806	-67.889806	-67.889806	-67.889806	-67.889806	-67.889806	-67.889806					
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	3.8	J
Perfluoropentanoic acid (PFPeA)	ng/L	1.5	J	2	U	2.2	U	2	U	2.1	U	2.7	J
Perfluorohexanoic acid (PFHxA)	ng/L	2.9	J	1.2	J	2.2	U	0.62	J	2.1	U	5.6	
Perfluoroheptanoic acid (PFHpA)	ng/L	2.8	J	1.1	J	0.62	J	0.82	J	2.1	U	2.2	J
Perfluorooctanoic acid (PFOA)	ng/L	13.3		3	J	1.2	J	1.5	J	0.64	J	5.7	
Perfluorononanoic acid (PFNA)	ng/L	10.1		5		2.1	J	7.3		4.2	J	2.5	J
Perfluorodecanoic acid (PFDA)	ng/L	0.71	J	2	U	0.58	J	0.88	J	0.77	J	2.1	U
Perfluoroundecanoic acid (PFUnA)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	2.1	U
Perfluorododecanoic acid (PFDoA)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	2.1	U
Perfluorotridecanoic acid (PFTrDA)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	2.1	U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	2.1	U
Perfluorobutanesulfonic acid (PFBS)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	1.4	J
Perfluoropentanesulfonic acid (PFPeS)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	1.4	J
Perfluorohexanesulfonic acid (PFHxS)	ng/L	9.1		2.8	J	1.1	J	3.9	J	2.5	J	15.5	
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	0.7	J	2	U	2.2	U	0.82	J	2.1	U	2.1	U
Perfluorooctanesulfonic acid (PFOS)	ng/L	21.5		15.6		12.1		150		145		45.6	
Perfluorononanesulfonic acid (PFNS)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	2.1	U
Perfluorodecanesulfonic acid (PFDS)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	2.1	U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	8	U	8	U	8.9	U	8	U	8.5	U	8.3	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	8	U	8	U	8.9	U	8	U	8.5	U	8.3	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	8	U	8	U	8.9	U	8	U	8.5	U	8.3	U
Perfluorooctane sulfonamide (PFOSA)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	4.8	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	20	U	20	U	22	U	20	U	21	U	21	U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	20	U	20	U	22	U	20	U	21	U	21	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	1.5	J
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	2.1	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	4	U	4	U	4.4	U	4	U	4.3	U	4.2	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	2	U	2	U	2.2	U	2	U	2.1	U	2.1	U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	10	U	10	U	11	U	10	U	11	U	10	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	20	U	20	U	22	U	20	U	21	U	21	U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	20	U	20	U	22	U	20	U	21	U	21	U

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.

Table 4-13
LEAF Testing PFAS Analytical Results

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

Flow Field		4													
Location		SB07036													
Sample Depth (ft bgs)		13-15													
Sample ID		LORNG_SB07036_13-15_093024 T3		LORNG_SB07036_13-15_093024 T4		LORNG_SB07036_13-15_093024 T5		LORNG_SB07036_13-15_093024 T6		LORNG_SB07036_13-15_093024 T7		LORNG_SB07036_13-15_093024 T8		LORNG_SB07036_13-15_093024 T9	
Sample Date		10/31/2024		10/31/2024		11/1/2024		11/3/2024		11/4/2024		11/8/2024		11/9/2024	
Sample Type		N		N		N		N		N		N		N	
Latitude		46.94443401		46.94443401		46.94443401		46.94443401		46.94443401		46.94443401		46.94443401	
Longitude		-67.889806		-67.889806		-67.889806		-67.889806		-67.889806		-67.889806		-67.889806	
Analyte Name	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Perfluorobutanoic acid (PFBA)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
Perfluoropentanoic acid (PFPeA)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluorohexanoic acid (PFHxA)	ng/L	2.3	J	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluoroheptanoic acid (PFHpA)	ng/L	2	J	1.4	J	1.4	J	0.92	J	0.54	J	2	U	2	U
Perfluorooctanoic acid (PFOA)	ng/L	7.5		11.9		15		12.6		6.4		1	U	1	U
Perfluorononanoic acid (PFNA)	ng/L	1.6	J	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluorodecanoic acid (PFDA)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluoroundecanoic acid (PFUnA)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluorododecanoic acid (PFDoA)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluorotridecanoic acid (PFTrDA)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluorotetradecanoic acid (PFTeDA)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluorobutanesulfonic acid (PFBS)	ng/L	0.77	J	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluoropentanesulfonic acid (PFPeS)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
Perfluorohexanesulfonic acid (PFHxS)	ng/L	9.1		0.78	J	2.1	U	2	U	2	U	2	U	2	U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluorooctanesulfonic acid (PFOS)	ng/L	24.7		1.5	J	1.2	J	1	J	0.85	J	1.4	J	0.7	J
Perfluorononanesulfonic acid (PFNS)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluorodecanesulfonic acid (PFDS)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluorododecanesulfonic acid (PFDoS)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	ng/L	7.4	U	7.9	U	8.5	U	8.2	U	7.9	U	8	U	8.1	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ng/L	7.4	U	7.9	U	8.5	U	8.2	U	7.9	U	8	U	8.1	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	ng/L	7.4	U	7.9	U	8.5	U	8.2	U	7.9	U	8	U	8.1	U
Perfluorooctane sulfonamide (PFOSA)	ng/L	3.1	J	2	U	2.1	U	2	U	2	U	2	U	2	U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ng/L	19	U	20	U	21	U	20	U	20	U	20	U	20	U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ng/L	19	U	20	U	21	U	20	U	20	U	20	U	20	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
Nonafluoro-3,6-dioxahheptanoic acid (NFDHA)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
11-Chlororeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ng/L	3.7	U	4	U	4.3	U	4.1	U	4	U	4	U	4	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ng/L	1.9	U	2	U	2.1	U	2	U	2	U	2	U	2	U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	9.3	U	9.9	U	11	U	10	U	9.9	U	10	U	10	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	19	U	20	U	21	U	20	U	20	U	20	U	20	U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	ng/L	19	U	20	U	21	U	20	U	20	U	20	U	20	U

Notes

- There are no screening levels associated with LEAF testing.
- See Table 1-1 for additional notes.