20. B-52 Crash Area
18. Runway
24. Former Jet Engine Test Cell Area
17. Fuel Dump Area
1. Fire Training Area
10. Nose Dock 11
Nose Dock Area:
13. Aircraft Hardstands
14. Hardstand 19
15. Ramp #1
12. Nose Dock 44
11. Nose Dock 40
7. Crash Fire Station
9. Jet Engine Maintenance Shop
8. Arch Hangar
5. Structural Fire Station
21. Flightline Drainage Ditch and Spill Containment Facility
19. KC-135 Crash Area
23. Base Laundry
16. Fuel Tank Farm
6. Burn House
ST12001
ST16002
C1
C2
C3
C3
East Loring Lake
Tributary 1
Tributary 2
Tributary 3
Tributary 5
Tributary 7
Tributary 8
West Branch Greenlaw Brook
Greenlaw Brook
FLDD
Loring Air Force Base
Oklahoma Rd
Quarry Rd
Connecticut Rd
Development Dr
Northcutt Rd
Manser Dr
Weinman Dr
Mississippi Rd
Minnesota Rd
Hickam Dr
Commerce Center Rd
Loring Commerce Rd
Florida Rd
Georgia Rd
Hawaii Rd
Arizona Rd
Energy Rd
Washington Rd
Pennsylvania Rd
Tower Rd
E Gate Rd
Aroostook Band
Limestone International Airport
806 ft
793 ft
744 ft
743 ft
742 ft
736 ft
713 ft
701 ft
670 ft
763 ft
760 ft
750 ft
735 ft

Notes:
- At this time, there are no screening levels approved by the Department of Defense or established by Federal or State entities specific to PFAS in storm sewer water and discharge. Analytes are compared to the lowest of the applicable human health screening levels (USEPA RSLs) or ecological porewater/surface water benchmarks (USEPA NRWQC and Grippo et al. [2024]). See Table 1-3 for more information about screening levels.

- NRWQC - National Recommended Water Quality Criteria

- USEPA - United States Environmental Protection Agency

- FLDD - Flightline Drainage Ditch

Summary Box Key:
- Non-Detect
- Detected below RSL
- Detected above RSL
- Detected above 10x RSL
- Detected above 100x RSL
- Detected above 1000x RSL
- Not Sampled

Analyte	1- PFBS	2- PFBA	3- PFOS	4- PFOA	5- PFHxS	6- PFHxA	7- PFNA	8- PFDA
Swimming SL	30,000 ng/L	57,000 ng/L	10 ng/L	0.25* ng/L	1,800 ng/L	46,000 ng/L	260 ng/L	0.2* ng/L
Lowest Ecological Porewater/Surface Water Benchmark	160,000 ng/L	75,700 ng/L	12.8 ng/L	36,400 ng/L	10,800 ng/L	33,800 ng/L	88ng/L	71.6 ng/L

Summary boxes show analytes in columns and years in rows:

1 2 3 4 5 6 7 8

Base Flow -
Mid Flow -
Peak Flow -

Summary Box Notes:
- RSL/SL - Regional Screening Level/Screening Level
- ng/L - nanograms per liter

*RSL/SL is below the laboratory method detection limit

SYMBOL KEY

- Nose Dock Area-FLDD-C1
- Northern Runway-FLDD-C2
- Southern Runway-FLDD-C3
- Nose Dock 40/44
- Other Storm Sewer Drainage

Note: Arrows indicate flow direction

- Manhole
- Catch Basin
- Culvert
- Inlet
- Storm Sewer Sampling Locations
- Potential Aqueous Film Forming Foam Release Area
- Former Installation Boundary
- Stream
- Surface Water

Air Force Civil Engineer Center
2261 Hughes Ave., Suite 163
JBSA Lackland, TX 78236

N

Figure 4-27
Storm Sewer Discharge PFAS Concentration Evaluation
Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base, Limestone, ME

0 450 900 Meters
0 900 1,800 2,700 Feet

SOURCES:
-Aerial Imagery obtained from NAIP, USDA-FSA. Published September, 2021.

Drawn: JSW
Drawn Date: 1/12/2026
Checked: LP
Checked Date: 1/15/2026
PROJ: 775361701

Project: \\S.IPW\M\Loring\APRX\RI Report 2025\RI Stormwater Boxplots PDF P:\Projects\AFCEE\LORING PFAS RI\1_TO_1048\6.0 Project Deliverables\6.1 Reports\01_RI Report\A_Working Copy\b_Figures\Figure 4-27 - Storm Sewer Discharge PFAS Concentration Evaluation.pdf 1/12/2026 12:34 PM jennifer.walker