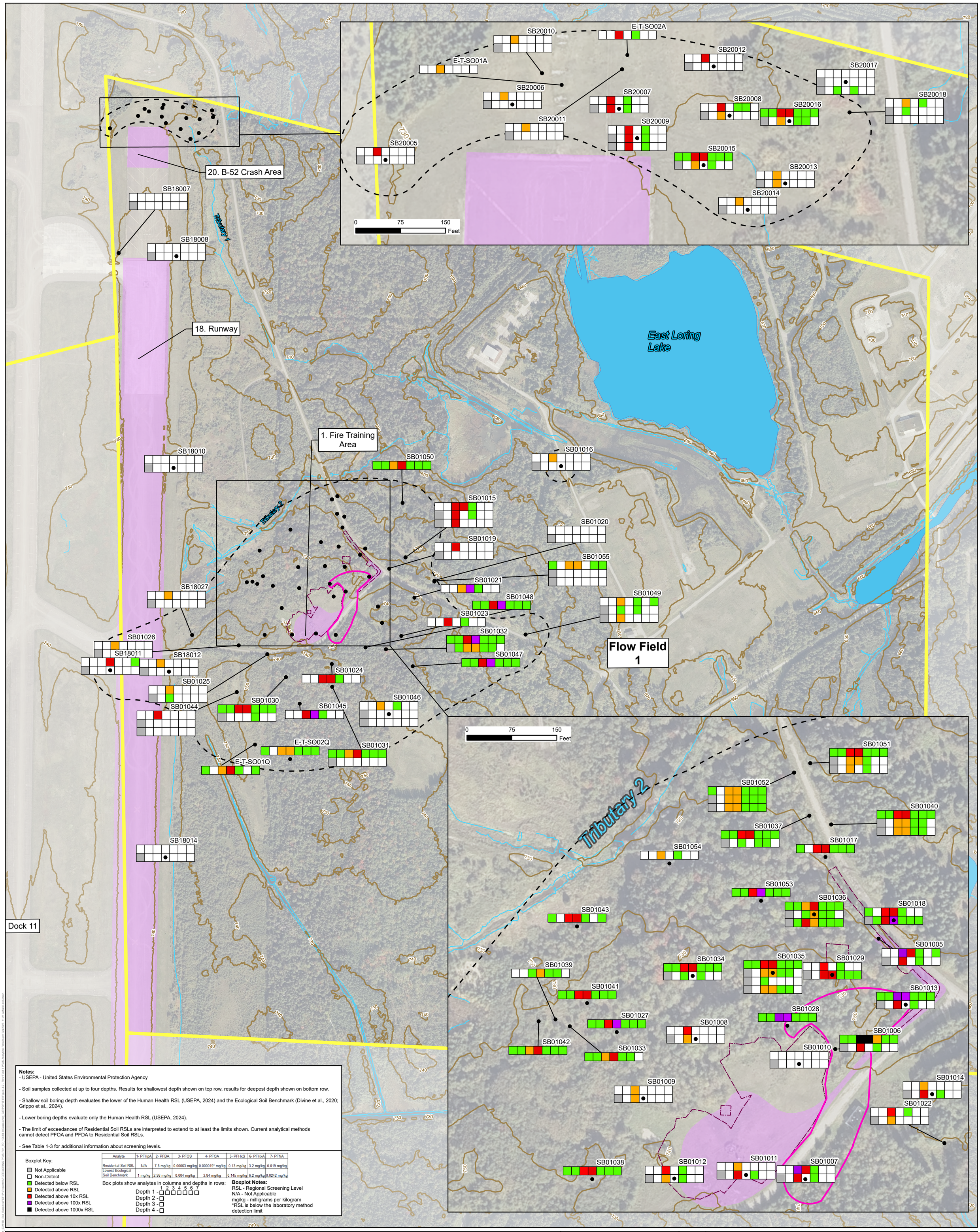

Notes:
- USEPA - United States Environmental Protection Agency

- Soil samples collected at up to four depths. Results for shallowest depth shown on top row, results for deepest depth shown on bottom row.

- Shallow soil boring depth evaluates the lower of the Human Health RSL (USEPA, 2024) and the Ecological Soil Benchmark (Divine et al., 2020; Grippo et al., 2024).

- Lower boring depths evaluate only the Human Health RSL (USEPA, 2024).

- The limit of exceedances of Residential Soil RSLs are interpreted to extend to at least the limits shown. Current analytical methods cannot detect PFOA and PFDA to Residential Soil RSLs.

- See Table 1-3 for additional information about screening levels.

Boxplot Key:
- Not Applicable
- Non-Detect
- Detected below RSL
- Detected above RSL
- Detected above 10x RSL
- Detected above 100x RSL
- Detected above 1000x RSL

Analyte	1- PFHpA	2- PFBA	3- PFOS	4- PFOA	5- PFHxS	6- PFHxA	7- PFNA
Residental Soil RSL	N/A	7.8 mg/kg	0.00063 mg/kg	0.000019* mg/kg	0.13 mg/kg	3.2 mg/kg	0.019 mg/kg
Lowest Ecological Soil Benchmark	1 mg/kg	2.98 mg/kg	0.004 mg/kg	3.84 mg/kg	0.145 mg/kg	6.2 mg/kg	0.0242 mg/kg

Box plots show analytes in columns and depths in rows:
1 2 3 4 5 6 7
Depth 1 - □□□□□□□
Depth 2 - □
Depth 3 - □
Depth 4 - □

Boxplot Notes:
RSL - Regional Screening Level
N/A - Not Applicable
mg/kg - milligrams per kilogram
*RSL is below the laboratory method detection limit

SYMBOL KEY
- Soil Sample Location
- Surface Water Bodies
- Stream
- Former Installation Boundary
- 10-Foot Elevation Contour
- Potential Aqueous Film Forming Foam Release Area
- Flow Field Boundary
- OU8 Excavation and Recovery Trench
- Soil boring exceeds Residential Soil RSL with Hazard Quotient of 0.1 in at least one sample for at least one analyte
- Extent of Exceedances of PFOS and PFOA compared to USEPA Industrial Soil Screening Level with Hazard Quotient of 1 and Total Cancer Risk at $1x10^{-4}$ (see Table 1-3 for additional information about screening levels)

Analyte	USEPA Industrial Soil Screening Level	Units
1- PFOS	0.082	mg/Kg
2 - PFOA	0.0078	mg/Kg

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

N

0 40 80 160 240 320 Meters
0 225 450 900 1,350 Feet

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

Figure 4-2
Flow Field 1 Soil PFAS Analytical Results
Remedial Investigation Site Characterization Summary Report
Former Loring Air Force Base, Limestone, ME

Drawn: AFA | Drawn Date: 3/9/2026
Checked: RJO | Checked Date: 4/6/2026
PROJ: 775361701