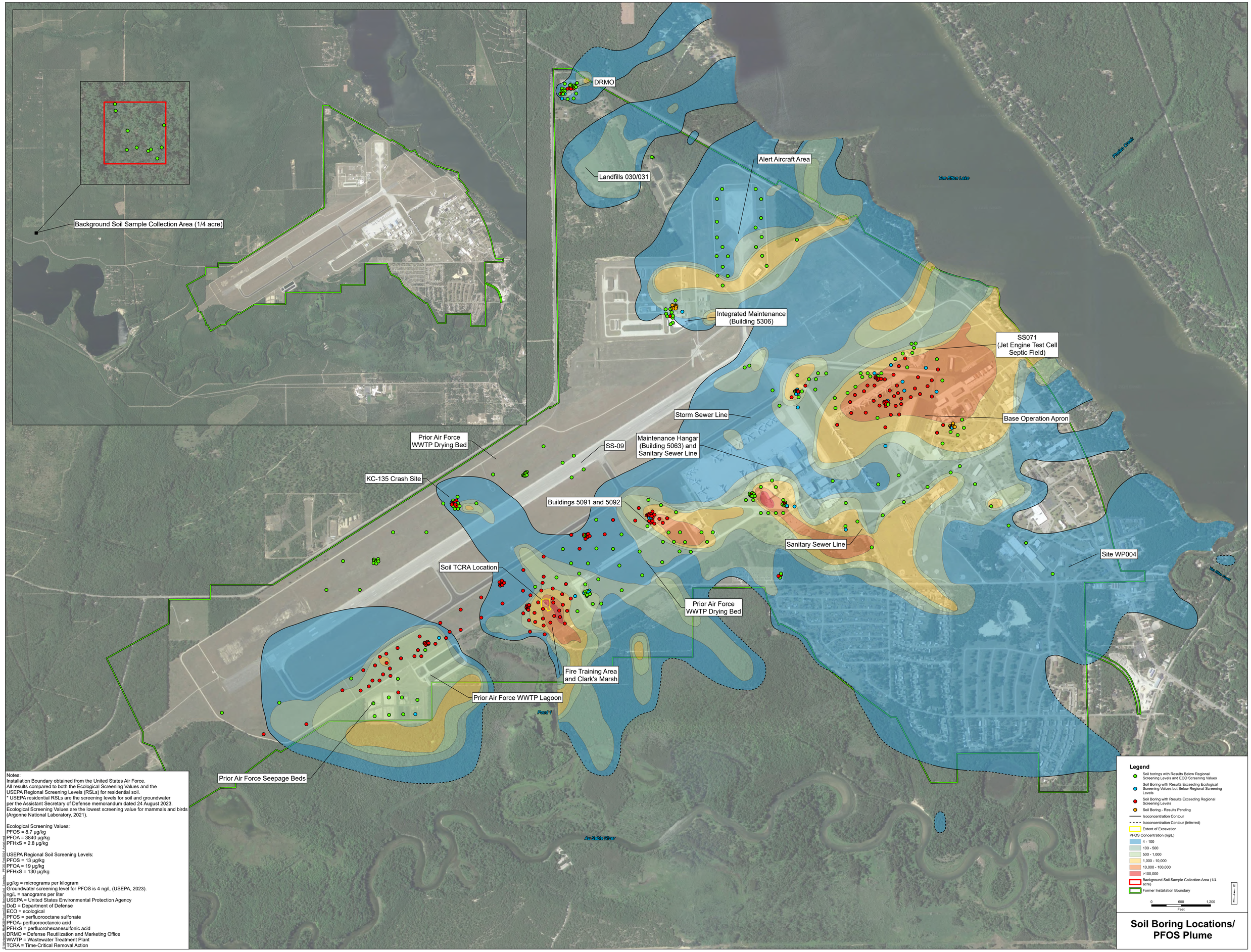

Notes:
Installation Boundary obtained from the United States Air Force.
All results compared to both the Ecological Screening Values and the USEPA Regional Screening Levels (RSLs) for residential soil.
* USEPA residential RSLs are the screening levels for soil and groundwater per the Assistant Secretary of Defense memorandum dated 24 August 2023.
Ecological Screening Values are the lowest screening value for mammals and birds (Argonne National Laboratory, 2021).

Ecological Screening Values:
PFOS = 8.7 µg/kg
PFOA = 3840 µg/kg
PFHxS = 2.8 µg/kg

USEPA Regional Soil Screening Levels:
PFOS = 13 µg/kg
PFOA = 19 µg/kg
PFHxS = 130 µg/kg

µg/kg = micrograms per kilogram
Groundwater screening level for PFOS is 4 ng/L (USEPA, 2023).
ng/L = nanograms per liter
USEPA = United States Environmental Protection Agency
DoD = Department of Defense
ECO = ecological
PFOS = perfluorooctane sulfonate
PFOA- perfluorooctanoic acid
PFHxS = perfluorohexanesulfonic acid
DRMO = Defense Reutilization and Marketing Office
WWTP = Wastewater Treatment Plant
TCRA = Time-Critical Removal Action

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Soil Boring Locations/ PFOS Plume