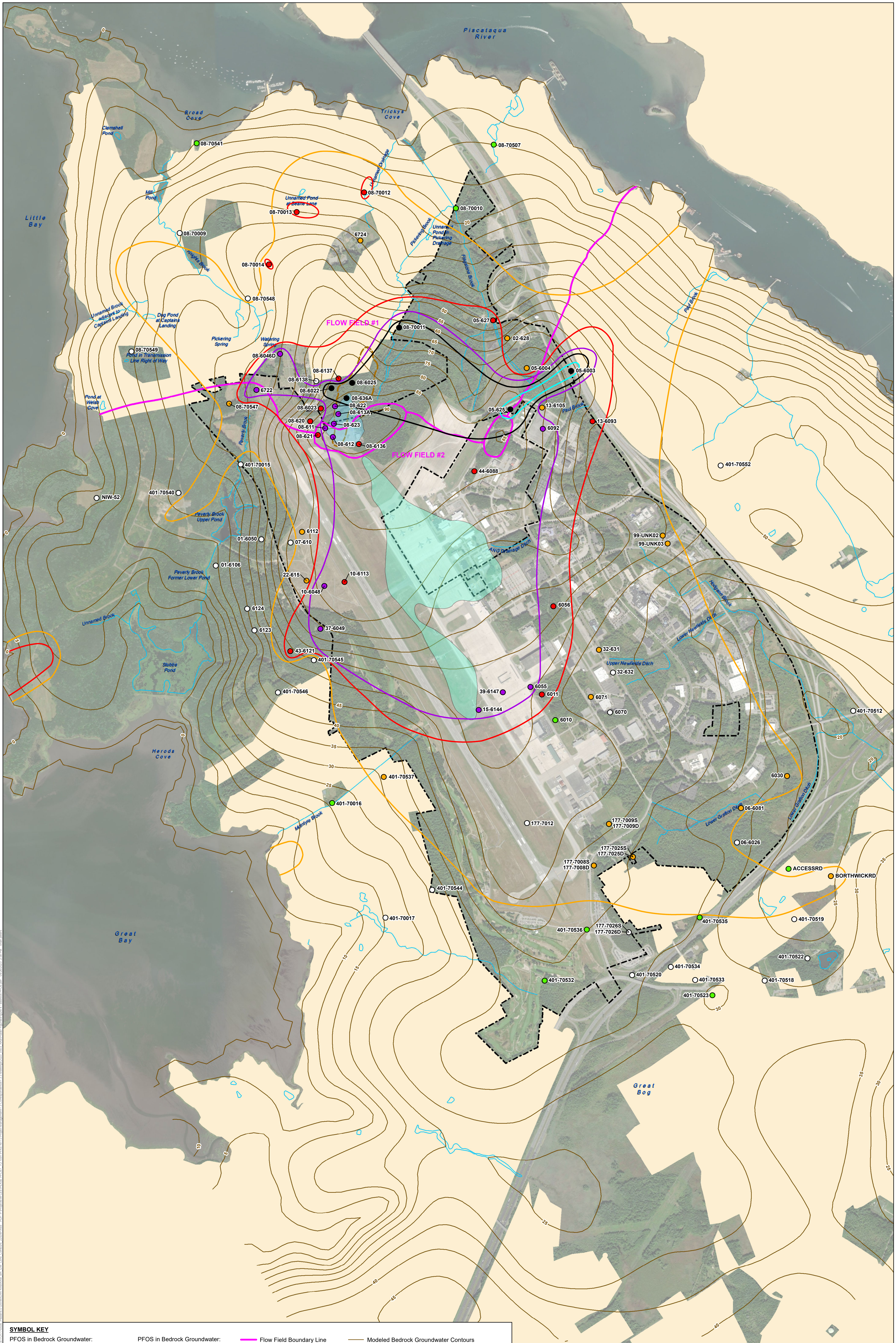




SYMBOL KEY

PFOS in Bedrock Groundwater:

- Non-Detect
- Detected Below RSL (4 ng/L)
- Detected Above RSL (4 ng/L)
- Detected Above 10x RSL (40 ng/L)
- Detected Above 100x RSL (400 ng/L)
- Detected Above 1000x RSL (4000 ng/L)

PFOS in Bedrock Groundwater:

- Above RSL (4 ng/L)
- Above 10x RSL (40 ng/L)
- Above 100x RSL (400 ng/L)
- Above 1000x RSL (4000 ng/L)
- Above 10000 ng/L

Flow Field Boundary Line

- Site 8 Capture Zone - July 2022
- AIMS Capture Zone - July 2022
- Surface Water Bodies
- Interpreted Bedrock Trough
- Pease Development Authority (PDA) Property Boundary

Modeled Bedrock Groundwater Contours

Groundwater contours were generated using a (2022) revised Modflow Model. Peninsula-wide water levels gauged in June 2022 were used as targets for model calibration.

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Figure 4
PFOS Bedrock Groundwater Contour Map

Former Pease Air Force Base, Portsmouth, New Hampshire

0 125 250 500 750 1,000 Meters

0 500 1,000 2,000 3,000 4,000 Feet

NOTES:
Aerial imagery obtained through ESRI Online Services

4/26/2023

Drawn: BJS Chk: HEP PROJ: 775361602