

Pease AFB – 03 May 2023 RAB Figure Key

Dot Plot Legend – PFAS in Overburden and Bedrock Groundwater

Each dot represents a different sample and is colored according to the result.

PFOS and PFOA Level of Contamination:

- Non-Detect
- Detected Below USEPA RSL
- Detected Above USEPA RSL
- Detected Above 10x USEPA RSL
- Detected Above 100x USEPA RSL
- Detected Above 1000x USEPA RSL

PFHxS Level of Contamination:

- Non-Detect
- Detected Below NH AGQS
- Detected Above NH AGQS
- Detected Above 10x NH AGQS
- Detected Above 100x NH AGQS
- Detected Above 1000x NH AGQS

Groundwater Concentration Contour Legend

Concentration contour lines represent the interpreted area of PFAS contamination in groundwater and are colored according to the concentration in comparison to the USEPA RSL or NH AGQS.

PFOS and PFOA Level of Contamination:

- Above USEPA RSL
- Above 10x USEPA RSL
- Above 100x USEPA RSL
- Above 1000x USEPA RSL
- Above 10000 ng/L (PFOS only)

PFHxS Level of Contamination:

- Above NH AGQS
- Above 10x NH AGQS
- Above 100x NH AGQS

USEPA RSLs

PFOS – 4.0 ng/L (ppt)
PFOA – 6.0 ng/L (ppt)

NH AGQS:

PFHxS – 18 ng/L (ppt)

Acronyms

USEPA RSL = United States Environmental Protection Agency Regional Screening Level

NH AGQS = New Hampshire Ambient Groundwater Quality Standard

PFOS = Perfluorooctanesulfonic acid

PFOA = Perfluorooctanoic acid

PFHxS = Perfluorohexanesulfonic acid

ng/L = nanograms per liter

ppt = parts per trillion