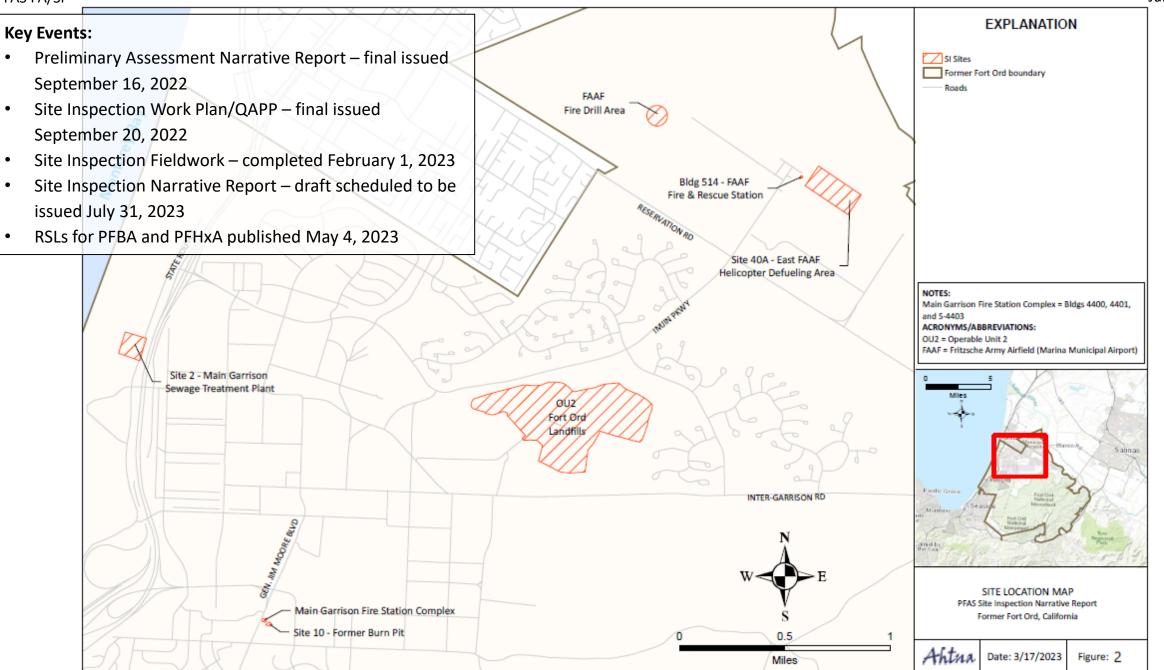
Former Fort Ord PFAS PA/SI

Per- and Polyfluoroalkyl Substances (PFAS) Preliminary Assessment/Site Inspection



HTW BCT July 14, 2023

Table 1: Screening Levels for PFAS in Soil and Groundwater

| Compound | Re | esidential Sce | Industrial/Commercial Composite Worker PSLs/RSLs | | | |
|--|------------------|----------------|---|----------|--------------|----------|
| Compound | Tap Water (μg/L) | | Soil (µg/kg) | | Soil (µg/kg) | |
| | HQ = 1.0 | HQ = 0.1 | HQ = 1.0 | HQ = 0.1 | HQ = 1.0 | HQ = 0.1 |
| Perfluorooctanesulfonic acid (PFOS) | 0.04 | 0.004 | 130 | 13 | 1,600 | 160 |
| Perfluorooctanoic acid (PFOA) | 0.06 | 0.006 | 190 | 19 | 2,500 | 250 |
| Perfluorobutanesulfonic acid (PFBS) | 6.01 | 0.601 | 19,000 | 1,900 | 250,000 | 25,000 |
| Perfluorononanoic acid (PFNA) | 0.059 | 0.006 | 190 | 19 | 2,500 | 250 |
| Perfluorohexanesulfonic acid (PFHxS) | 0.394 | 0.039 | 1,300 | 130 | 16,000 | 1,600 |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | 0.06 | 0.006 | 230 | 23 | 3,500 | 350 |
| Perfluorobutanoic acid (PFBA)* | 18 | 1.8 | 78,000 | 7,800 | 1,200,000 | 120,000 |
| Perfluorohexanoic acid (PFHxA)* | 9.9 | 0.99 | 32,000 | 3200 | 410,000 | 41,000 |

Notes:

µg/kg = micrograms per kilogram

- μ g/L = micrograms per liter
- HQ = Hazard Quotient
- PSL = Project Screening Level
- RSL = Regional Screening Level
- *RSL only, no published PSL

Tap Water PSLs/RSLs applied to groundwater potentially used as drinking water.

PSLs/RSLs based on residential and industrial/commercial worker receptor scenarios for either direct ingestion of groundwater (residential scenario only) or incidental ingestion of soil (both residential and composite worker scenarios).

If multiple PFAS are encountered at a site, a 0.1 factor is applied to the screening level.

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HTW BCT July 14, 2023

Table 2: Quality Control and IDW Analytical Results

| Samples | PFOA | PFNA | PFBS | PFHxS | PFOS | HFPO-DA | PFBA | PFHxA | Other PFAS Detected |
|--|-----------|-----------|------|-----------|-----------------|---------|------|-----------|---------------------------|
| Equipment and Field Blanks | ND | ND | ND | ND | ND | ND | ND | ND | 0 |
| Potable water (OU2 GWTP) | ND | ND | ND | ND | ND | ND | ND | ND | 0 |
| IDW Stockpile 1 (soil from all other sites) | 1.4 μg/kg | 1.2 μg/kg | ND | 1.7 μg/kg | 31.9 J μg/kg | ND | ND | 1.5 μg/kg | 11 |
| IDW Stockpile 2 (soil from MW-10-07-180) | ND | ND | ND | ND | ND | ND | ND | ND | 0 |
| IDW (soil from MW-40A-01-A) | ND | ND | ND | ND | ND | ND | ND | ND | 0 |

Notes:

µg/kg = micrograms per kilogram

If multiple PFAS are encountered at a site, a 0.1 factor is applied to the screening level.

htna

