

## PFAS PA/SI Key Events:

- Preliminary Assessment Narrative Report – final issued September 16, 2022
- Site Inspection Work Plan/QAPP – final issued September 20, 2022
- Site Inspection Fieldwork:
  - September 19 – geophysical utility clearance
  - September 20-23 – shallow soil sampling to 10 feet bgs at Site 2, Site 40A, FAAF Fire & Rescue Station, Main Garrison Fire Station
  - October 17-24 – two monitoring wells and one soil boring to water table at FAAF FDA in FONR
  - October 25 – one soil boring to water table at FAAF Fire & Rescue Station
  - October 26 – one soil boring to 20 feet bgs at Site 10
  - October 27-28 – monitoring well at Site 40A
  - November 3-11 – monitoring well downgradient of Site 10 to 230 feet bgs
  - November 12-13 – monitoring well at Site 40A
  - November 15-16 – monitoring well development
  - November 14-18, 21, 28-30 – groundwater sampling

- Site Inspection Fieldwork (continued):
  - December 19-23 – monitoring well downgradient of Site 10 to TD
  - December 27 – monitoring well development (MW-10-07-180)
  - December 29 – groundwater sampling (MW-10-07-180)
- Site Inspection Narrative Report: draft scheduled to be issued May 11, 2023

## Analytical Results:

- Results for 40 PFAS reported per USEPA Method 1633
- Six PFAS with screening levels:

Compound	Residential Soil (µg/kg)	Industrial Soil (µg/kg)	Tap Water (µg/L)	Detections*	Detections > SL
PFOA	190	2,500	0.06	38	1
PFNA	190	2,500	0.059	28	0
PFBS	19,000	250,000	6	14	0
PFHxS	1,300	16,000	0.39	42	0
PFOS	130	1,600	0.04	49	5
HFPO-DA	230	3,500	0.06	0	0

\*Results for 71 samples to date, including QC samples.

## Maximum Detected Concentrations of PFAS with Screening Levels in Soil (µg/kg) and Groundwater (µg/L) by Site to Date\*

Site	PFOA	PFNA	PFBS	PFHxS	PFOS	HFPO-DA	Other PFAS Detected
2	0.25 J µg/kg	ND	ND	0.23 J µg/kg	2.8 µg/kg	ND	3
10	ND	ND	ND	0.28 J µg/kg	0.12 J µg/kg	ND	0
12	0.0059 µg/L	0.0014 J µg/L	0.0107 µg/L	0.0149 µg/L	0.0125 µg/L	ND	2
40A	ND	ND	ND	ND	0.17 J µg/kg	ND	0
FAAF Fire & Rescue Station	3.2 µg/kg	6.6 µg/kg	0.27 J µg/kg 0.0092 µg/L	4.2 µg/kg 0.0682 µg/L	<b>203 µg/kg</b> <b>0.0526 µg/L</b>	ND	15
Main Garrison Fire Station	21.4 µg/kg	14.1 µg/kg	0.34 J µg/kg	37.6 µg/kg	<b>2990 µg/kg</b>	ND	20
FAAF FDA	3.4 µg/kg <b>0.143 µg/L</b>	ND	0.45 J µg/kg 0.0256 µg/L	3.6 µg/kg 0.171 µg/L	11.6 µg/kg <b>0.13 µg/L</b>	ND	6
OU2	0.0293 µg/L	ND	0.0071 µg/L	0.0597 µg/L	0.0354 µg/L	ND	6
FO-29, -30, -31	ND	ND	0.00079 J µg/L	0.0012 J µg/L	ND	ND	1
Equipment and Field Blanks	ND	ND	ND	ND	ND	ND	0

\*Data are not yet validated.

## Analytical Results (continued):

- Site 2 – six PFAS detected in soil below screening levels; groundwater results pending
- Site 10 – two PFAS detected in soil below screening levels; groundwater results pending
- Site 12 – seven PFAS detected in groundwater below screening levels
- Site 40A – one PFAS detected in soil below screening level; groundwater results pending
- FAAF Fire & Rescue Station – 20 PFAS detected in soil, PFOS above residential screening level at one location; 12 PFAS detected in groundwater, PFOS above screening level
- Main Garrison Fire Station – 25 PFAS detected in soil, PFOS above residential screening level at one location and above industrial screening level at one location; groundwater results pending
- FAAF FDA – ten PFAS detected in soil at water table, none above screening levels; ten PFAS detected in groundwater, PFOA and PFOS above screening levels
- OU2 (EW-OU2-03-180) – ten PFAS detected in groundwater below screening levels, additional results pending
- FO-29, FO-30, FO-31 – three PFAS (PFHxA, PFBS, PFHxS) detected in groundwater below screening levels