



FORMER PEASE AIR FORCE BASE RESTORATION ADVISORY BOARD NOVEMBER 2019 UPDATE

PFOS/PFOA FIELD WORK

- November monthly samples from the Smith, Harrison, Portsmouth, and Collins wells were collected on 19 November.
- Semiannual Site 8 IMS Performance Monitoring Sampling at 14 groundwater monitoring wells, 10 extraction wells, and two springs was conducted during the week of 14 October 2019.
- The November AIMS and Site 8 IMS Performance Monitoring routine monthly groundwater elevation gauging events were conducted during the week of 11 November 2019.
- Construction to connect two Newington residents to public water, replacing existing residential point of entry treatment systems, is underway.

SITE 8 INTERIM MITIGATION SYSTEM

- Since startup in May 2018, the system has treated approximately 25,650,000 gallons of groundwater through 19 November 2019.
- The system operated for the month with 3 days of shutdown for routine maintenance including carbon backwashing, extraction well redevelopment, and IX resin regeneration.
- Regeneration of the lead Ion Exchange Resin Vessel was completed the week of 21 October 2019. The regenerated resin was placed back in the lead position. Distillation of the regenerant is ongoing.
- Redevelopment of primary extraction wells was completed on 1 November 2019.
- Treated water being discharged remains below detectable levels for PFOS, PFOA, PFNA, and PFHxS.
- Design for the iron removal system has been completed and construction is scheduled to begin January 2020. **System is expected to be offline through March 2020**

AIRFIELD INTERIM MITIGATION SYSTEM

- Since startup in April 2019, the system has treated approximately 106,000,000 gallons of groundwater through 19 November 2019.

- The system operated for the month with shutdowns only for routine maintenance.
- Insulation of the outdoor effluent tanks began on 4 November 2019.
- Treated water being discharged is below detectable levels for PFOS, PFOA, PFNA, and PFHxS.

OTHER INSTALLATION RESTORATION SITES

- Additional in-situ enhanced bioremediation (ISEB) injections are underway for Sites 49, 32, and 39.

DOCUMENTS UNDER PREPARATION

- Site 8 Optimization and Monitoring Report January – June 2019
- AIMS Performance Monitoring Data Transmittals
- 2018 Sentry Well Annual Monitoring Report being issued as final this month
- 2018 Private Well Inventory and Annual Monitoring Report being issued as final in December
- Revised Expanded SI Report; draft in regulatory review
- Zone 3 ROD Amendment for Site 39 (Vapor Intrusion) transmitted to EPA for signature on 20 Nov 19
- Zone 3 Explanation of Significant Differences
- Site 39 Soil Vapor Extraction Work Plan
- Site 37 Remedial Action Completion Report (RACR)

OTHER RAB TOPICS

- Department of Defense continues review of NH MCLs and AGQS; no Air Force update available
- Air Force and Regulators will be available at NHDES offices to discuss technical details of the Expanded Site Inspection and/or Five-Year Review from **1:00pm to 4:00pm on 4 December 2019**
- RAB Meeting scheduled for **5:00pm on 5 December 2019** at NH Department of Environmental Services
- Testing for Pease will present results of non-target analysis study after the formal RAB meeting at **8:00pm on 5 December 2019**