



FORMER PEASE AIR FORCE BASE RESTORATION ADVISORY BOARD OCTOBER 2019 UPDATE

PFOS/PFOA FIELD WORK

- September monthly samples from the Smith, Harrison, Portsmouth, and Collins wells were collected on 17 September. October Monthly samples collected on 15 October 2019.
- Semiannual AIMS Performance Monitoring Sampling was conducted at 81 groundwater monitoring wells, 5 extraction wells, the Interim Mitigation Well (IMW), and one storm water outfall during the week of 16 September 2019.
- Semiannual Site 8 IMS Performance Monitoring Sampling at 14 groundwater monitoring wells, 10 extraction wells, and two springs began during the week of 14 October 2019.
- The October AIMS and Site 8 IMS Performance Monitoring routine monthly groundwater elevation gauging events began the week of 14 October 2019.
- Efforts to replace existing residential point of entry treatment systems and connect two Newington residents to public water are ongoing with construction expected to begin in November 2019.

SITE 8 INTERIM MITIGATION SYSTEM

- Since startup in May 2018, the system has treated approximately 24,000,000 gallons of groundwater through 10 October 2019.
- The system operated for the month with shutdowns only for routine maintenance including a clean out of the underground extraction network piping.
- Regeneration of the Ion Exchange Resin Vessels completed the week of 21 October 2019.
- Primary extraction wells redevelopment started the week of 21 October 2019.
- Treated water being discharged remains below detectable levels for PFOS, PFOA, PFNA, and PFHxS.
- Contract action performed on 27 September 2019 to begin installing the iron removal pre-treatment system in the existing Site 8 treatment facility.

AIRFIELD INTERIM MITIGATION SYSTEM

- Since startup in April 2019, the system has treated approximately 76,600,000 gallons of groundwater through 10 October 2019.
- IMW for the AIMS was connected to the AIMS treatment facility and began operation on 21 August 2019. The IMW is now running at full speed and producing 294 gallons of groundwater per minute
- Reinjection of the AIMS treated effluent water began in the Southern Infield Injection Network on 21 August 2019.
- Treated water being discharged is below detectable levels for PFOS, PFOA, PFNA, and PFHxS.

OTHER INSTALLATION RESTORATION SITES

- 5th Five-Year Review completed on 25 Sept 2019
- Public notice of availability published in Portsmouth Herald on 11 October 2019; document is available at:
<http://afcec.publicadmin-record.us.af.mil/Search.aspx>
(Document #591912)
<https://semspub.epa.gov/src/document/01/100012290>
- 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
- 2018 Private Well Inventory and Annual Monitoring Report
- Revised Expanded SI Report; draft due to regulators the week of 4 November 2019
- Zone 3 ROD Amendment for Site 39 (Vapor Intrusion)
- Zone 3 Explanation of Significant Differences

OTHER RAB TOPICS

- Department of Defense continues review of NH MCLs and AGQS; no Air Force update available
- Next meeting scheduled for **5pm on 5 December 2019** at NH Department of Environmental Services