

Yakima Training Center PFAS Response
Quarterly Activities Status Update (Fiscal Year Q4 – July - September 2023)

Activities Conducted:

- Groundwater sampling from the eight (8) newly installed boundary wells was completed from, 28-30 August 2023.
- RI UFP-QAPP submission was received by the Army from the Prime Contractor on 29 September 2023.
- Off-Installation PFAS sampling was conducted at twenty-nine (29) locations, 28-30 August 2023. These locations were briefed to WA Ecology by the Army on 14 July 2023 and represent newly drilled wells, locations where PFAS concentration variability may be present, and proximity to boundary wells.
- Geophysical investigations were conducted at two locations on YTC in support of the Remedial Investigation (RI). Those areas are the YTC Cantonment Area and Mettie Airstrip. Work was accomplished late July to early August 2023.
- Rights of Entry (ROE) were finalized from eight (8) of thirteen (13) properties. The initial effort to acquire ROE correspond to property owners and residents sampled during Phase I.
- Point of entry treatment systems (POET) designs were finalized for four (4) POETS where ROE are secured. These are customized systems based on each property's unique site conditions.
- One (1) POET was installed on 31 August 2023; performance testing is underway. Preliminary results indicate PFAS removal to below laboratory detection. These data are currently undergoing Level 2B validation.
- From 19-21 September 2023, twenty-nine (29) general chemistry samples were collected to design POET systems for additional residences, bringing the total to forty-two (42) general chemistry samples to date.
- All historical and recently collected data is being incorporated into in the newly implemented Environmental Data Management System (EDMS). The YTC EDMS was demonstrated to WA Ecology on 15 August 2023. As said system matures, it will function as the primary data sharing mechanism between stakeholders.
- From September 11-15, the USGS field team collected geochemical data from twenty-two (22) off-post wells and 3 on-post wells (Pomona, Jordan, and Bower), and measured water levels at approximately 70 wells.

Deliverables:

- Conceptual Site Model Technical Memorandum, provided to WA Ecology on 13 July 2023
- UFP - Quality Assurance Project Plan (QAPP) Addendum (Residential Sampling), provided to WA Ecology on 28 July 2023
- Programmatic QAPP (Residential Sampling), provided to WA Ecology on 28 July 2023
- Public Involvement Plan, provided to WA Ecology on 1 August 2023
- Draft RI UFP-QAPP, provided to WA Ecology on 3 August 2023
- PFAS Data from May 2023 Residential Sampling, provided to WA Ecology on 3 August 2023
- Updated PFAS Data (including 5 additional PFAS – requested by WA Ecology) from May 2023 Residential Sampling, provided to WA Ecology on 10 August 2023

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Conducted Meetings:

- Technical Project Planning (TPP) held with regulatory stakeholders, 15 August 2023
- On 30 August 2023, Yakima Training Center hosted a community engagement at the Selah Civic Center. Participating in the event were Army representatives from Yakima Training Center, Joint Base Lewis-McChord, Army Environmental Command, U.S. Army Corps of Engineers, Army Contractors, and U.S. Geological Survey. A total of seventy-two (72) individuals attended the event. Interest to participate in a Restoration Advisory Board (RAB) was solicited, with zero (0) interest forms submitted at the event.

Next Quarter Planned Field Work

- POET construction continues, October – December 2023
- RI Soil Borings and Monitoring Well Drilling, October – November 2023
- Eight (8) Class B System Assessments, November-January 2023
- USGS Quarterly Monitoring (depth to water), November-December 2023

Next Quarter Residential Sampling:

- The next iteration of Army executed on/off-post PFAS sampling will occur in late November 2023.
- Thirty-five (35) locations are targeted for PFAS sampling given variability in sample concentrations, possible interference during prior sampling, and/or proximity to wells with elevated concentrations.
- Eight (8) locations are wells not previously sampled for PFAS; a map has been provided.
- General chemistry samples will be collected for the remainder of wells that have PFAS concentrations above 70 ppt; approximately thirty (30) locations.
- USGS will continue to collect geochemical and depth to water measurements to support geological/hydrogeological analysis.

Upcoming Deliverables:

- Residential sampling results from 28-30 August 2023; data is undergoing validation.
- On-post quarterly sampling results (boundary wells) from 28-29 August 2023.
- Environmental Data Management System will be updated with historical PFAS data.
- USGS geochemical and depth to water data will be published in 2-3 months per USGS publishing guidelines.

Upcoming Meetings:

- Propose - YTC Update and QAPP Comment Resolution Meeting, Week of 13 November 2023.
- Invitation - EDMS, Technical Training and Update, November/December 2023 – MTeams or In-Person. US Army Corps of Engineers (USACE) can provide an update and training to stakeholders on the benefits and trajectory of the EDMS.
- Property owner ROE acquisition planned for November – December 2023. USACE Real Estate, in cooperation with YTC, will execute a series of activities to acquire ROEs from seventy (70) additional properties, e.g., mailings, individual outreach.