RESTORATION ADVISORY BOARD (RAB) MEETING

Former Fort Devens Army Installation

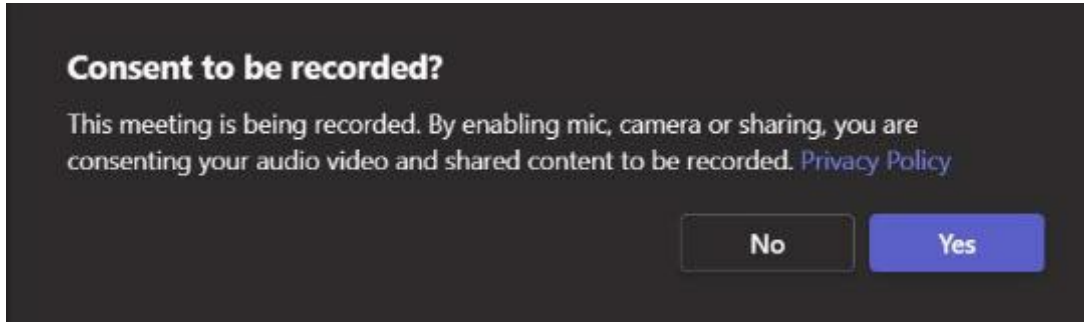
August 14, 2025

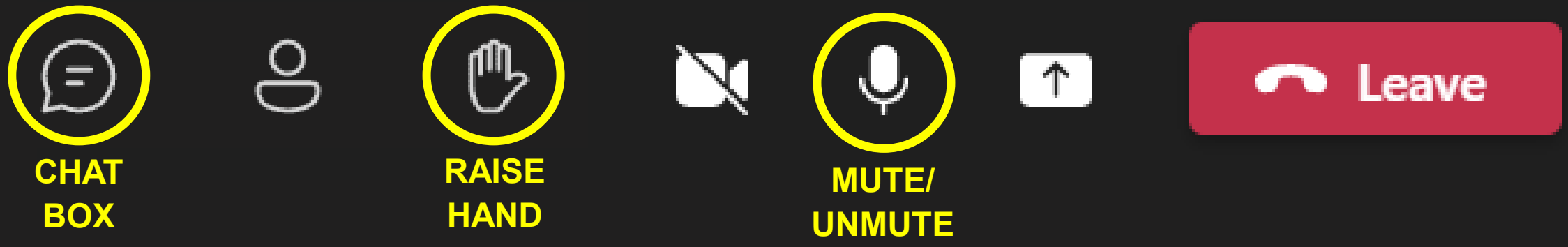
U.S. ARMY

US Army Corps of Engineers
New England District

WELCOME!

- This call is being recorded to help develop meeting minutes.
- Unless speaking, please remain on mute to reduce background noise.
- There is time for Q&A, but you can ask a question via the chat box or utilize the raise hand button at any time during the meeting and speakers will respond as time allows.
- If you need to leave the call, click “Leave.”





WELCOME!

Thank you for joining us tonight.

U.S. Army and Support:

Thomas Lineer
U.S. Army HQDA/ODCS G-9 Base Realignment and Closure (BRAC) Environmental Coordinator (BEC)

Samantha Velluti-Fry
BRAC BEC Support

Penelope Reddy & Peter Phillips
U.S. Army Corps of Engineers (USACE)

Andy Vitolins, Steve Perry, Mark Pasquarello, and Amy Henschke
SERES-Arcadis JV Team

Regulatory and Other Board Members:

Shawn Lowry
U.S. Environmental Protection Agency (USEPA) Region 1

ZaNetta Purnell
USEPA Community Involvement Coordinator

Joanne Dearden and Jessica Crispin
Massachusetts Department of Environmental Protection (MassDEP)

Meg Delorier and Anne-Marie Dowd
MassDevelopment

Community Board Members:

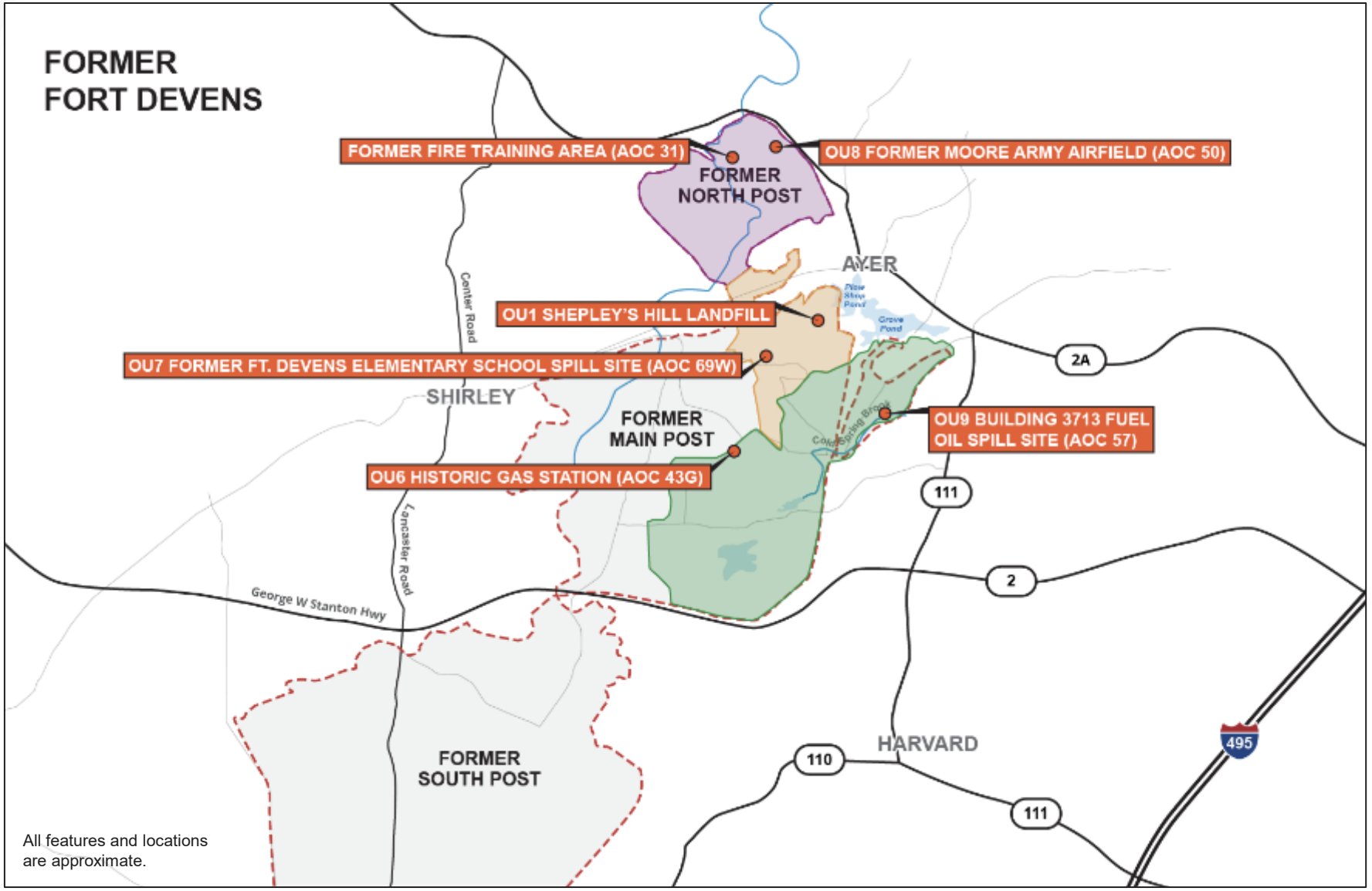
Julie Corenzwit
Amy McCoy
Dave McCoy
Chris Mitchell
Alix Turner: Chair

WELCOME!

Tonight's topics

1. Project Updates
2. CERCLA: Proposed Plan Process
3. PFAS Treatment Pilot Studies
4. Community Involvement & RAB Update
5. Questions & Answers

1 | PROJECT UPDATES



- Discussion Areas
- PFAS Area 1
- PFAS Area 2
- PFAS Area 3
- Former Fort Devens Boundary
- Nashua River

1 | PROJECT UPDATES

Supplemental Post-Record of Decision (ROD) Remedial Investigations (RIs) for Areas of Contamination (AOCs) 69W, 57, and 43G

- EPA and MassDEP comments on Supplemental RI Reports received.
- Army submitted responses to comments in July 2025

Moore Army Airfield (MAAF) Former Fire Training Area (FFTA) PFAS Field Pilot Studies

- Soil stabilization field pilot study work plan submitted to Agencies (EPA and MassDEP) in May 2025
    - Laboratory treatability testing report is an appendix to the work plan
- In-situ groundwater field pilot study work plan finalized and posted to the website in June 2025
- Field work anticipated for fall/winter 2025/2026
- Environmental Security Technology Certification Program (ESTCP) demonstration project (jet grouting) cancelled by ESTCP board

Shepley's Hill Landfill (SHL)

- Groundwater extraction system operation and maintenance:
    - Third extraction well evaluation complete
        - Well remains in operation
        - Draft summary report being prepared by Army

1 | PROJECT UPDATES

SHL (continued)

- Final barrier wall evaluation draft report submitted to Agencies in April 2025
- Proposed plan for groundwater remedy submitted to Agencies in April 2025
    - Final proposed plan and public meeting winter 2025/2026

Area 1 Phase 2 PFAS RI

- Field work is complete
    - First groundwater sampling event conducted in March 2025
    - Second groundwater sampling event conducted in June 2025
    - Soil and groundwater IDW disposed offsite May-July 2025
- Validated results expected late 2025
- Draft Phase 2 Remedial Investigation Report submission to Agencies planned in 2026

Area 2 Phase 2 PFAS RI

- Area 2 Phase 2 PFAS RI work plan to be submitted to Agencies in 2026

Area 3 Phase 2 PFAS RI

- Area 3 Phase 2 PFAS RI work plan submitted to Agencies in May 2025
- Field work anticipated to start fall/winter 2025/2026

1 | PROJECT UPDATES

Five Year Review

- Draft report submitted to Agencies in March 2025
- Agency comments received in June 2025
- Draft-Final to be submitted to Agencies in August 2025
- Final report to be submitted no later than September 29, 2025

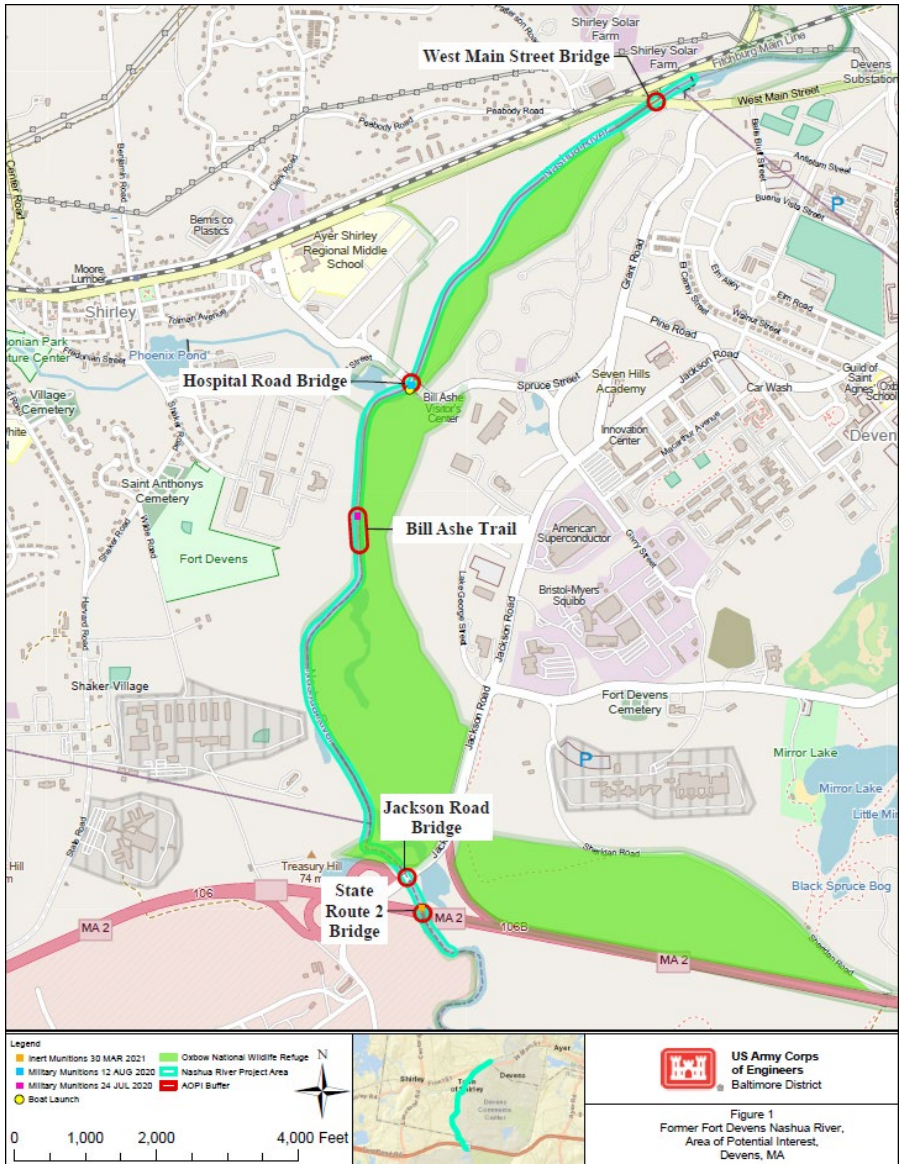
Long Term Monitoring Reports (Main Post, SHL, Airfield, South Post)

- Annual Reports to be submitted or signed no later than August 2025

1 | PROJECT UPDATES

Nashua River Military Munitions Update

- The underwater intrusive investigation is on-going and builds upon prior investigation efforts.
  - Focus is to investigate saturated response areas identified as a result of the underwater analog survey.
  - Field efforts are projected to be complete by October 2025.
  - Investigation results will be documented in an addendum to the Removal Site Evaluation (RSE).



1 | PROJECT UPDATES

Nashua River Military Munitions Update (continued)

- Annual Military Munitions Awareness Letters sent in early July 2025
- Munitions Response-Quality Assurance Project Plan (MR-QAPP) Addendum 2 was finalized in July 2025.

Nashua River Water Chestnut Pull

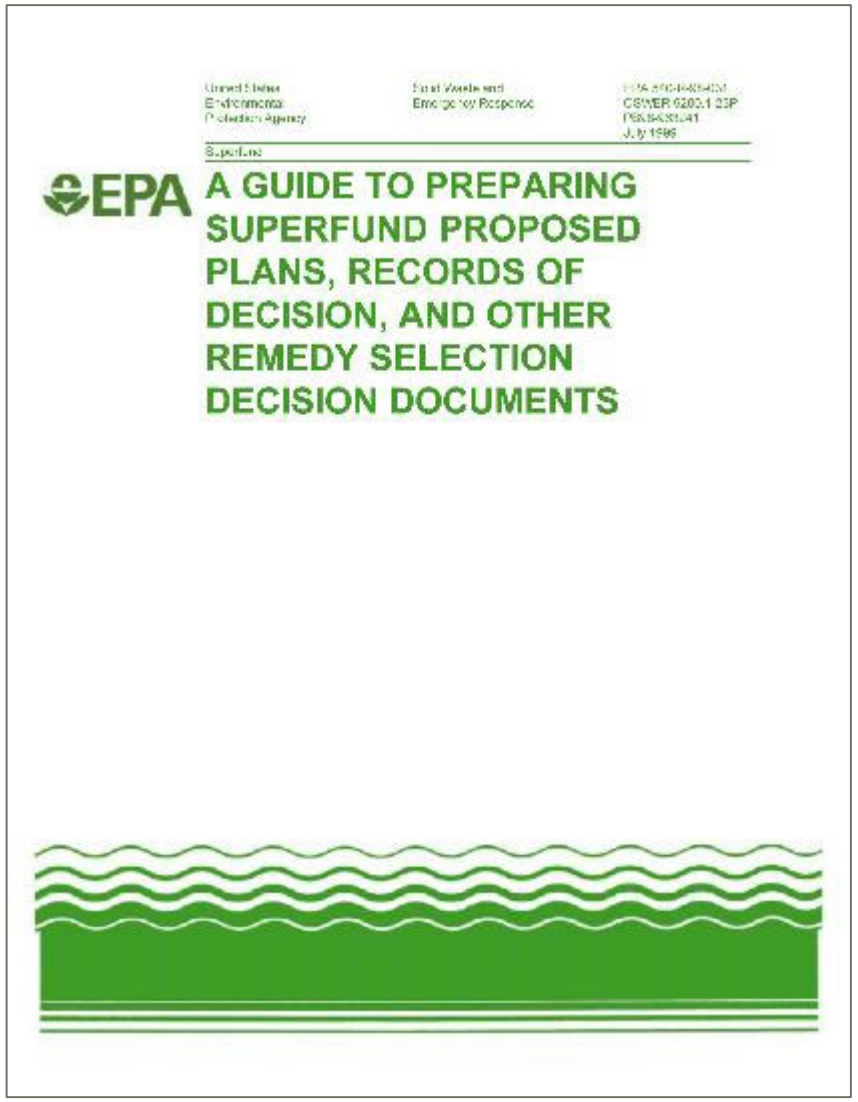
- The NRWA volunteer event for water chestnut scouting/removal along Nashua River was held on 18 July 2025 with support from a USACE Ordnance and Explosives Safety Specialist.

2 CERCLA: PROPOSED PLAN PROCESS

2 | CERCLA: PROPOSED PLAN PROCESS

What is a Proposed Plan?

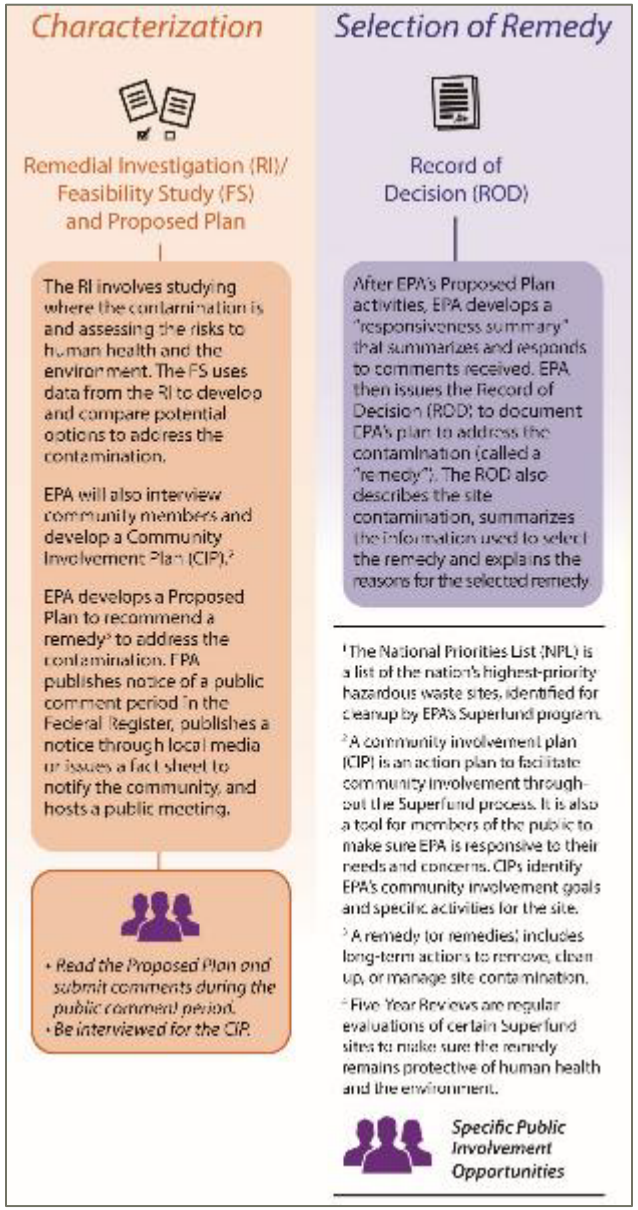
- Public document that outlines the preferred approach to cleaning up a contaminated site
- Developed to support the remedy selection (RODs and ROD amendments.)
  - Proposed Plan for SHL will support a ROD amendment
- Includes information about:
  - The site's history and contamination
  - The potential risks to human health and the environment
  - The proposed cleanup methods and technologies
  - An evaluation of the cleanup alternatives considered
  - The rationale for selecting the preferred cleanup approach
- See 40 CFR 300.430(f)(2) for more detail



2 | CERCLA: PROPOSED PLAN PROCESS

Proposed Plan Process

- Proposed Plan Development (Army + Agencies)
  - Draft / Draft Final / Final
- Public Notice and Comment Period (Public)
  - Public notice of plan availability
  - 30-day review period and written comment submission
    - Public may request an extension
- Public Meeting (Public + Army + Agencies)
  - Public meeting to discuss the Proposed Plan and solicit/answer questions from the community
  - Formal opportunity to provide verbal comments for the record
- Responsiveness Summary (Army + Agencies)
  - Addresses the comments received during the public comment period and explains how they were considered in the final decision
  - Included as an appendix to the Record of Decision
- Record of Decision (ROD):
  - Final cleanup decision for the site



2 | CERCLA: PROPOSED PLAN PROCESS

Proposed Plan Schedule

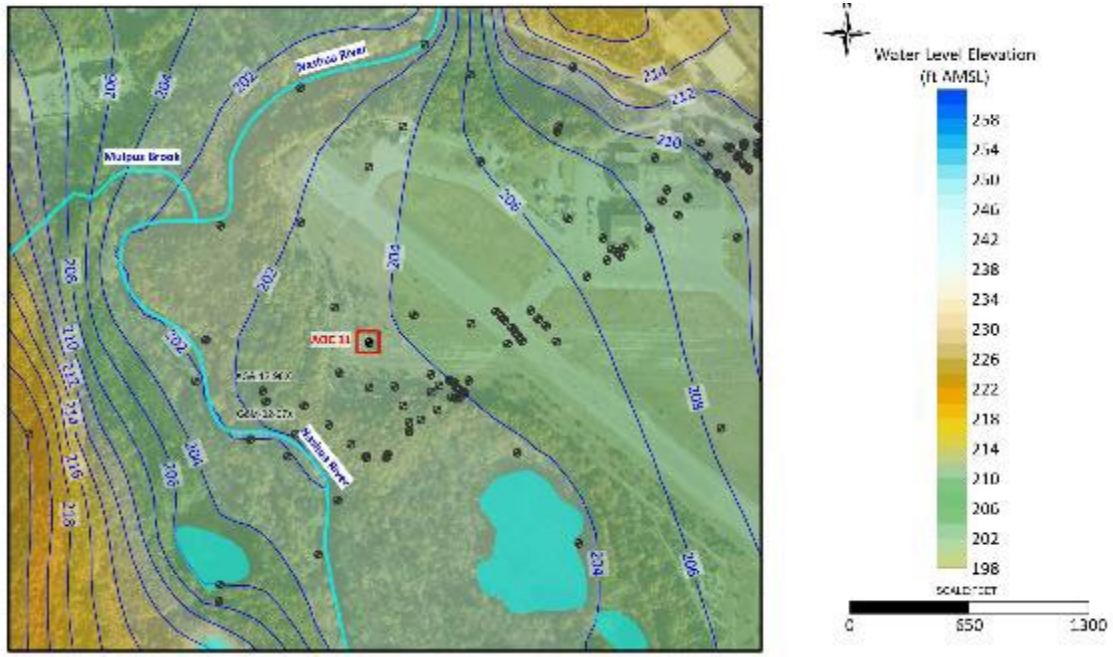
- Draft Plan – April 30, 2025
- Draft Final Plan – August 2025
- Final Plan – November 2025
- Public Comment Period – January 2026
- Public Meeting – February 2026
- Record of Decision Amendment (Including Responsiveness Summary) – 2026

Features and locations are approximate.

3 | PFAS TREATMENT PILOT STUDIES

Soil Treatment Pilot Study

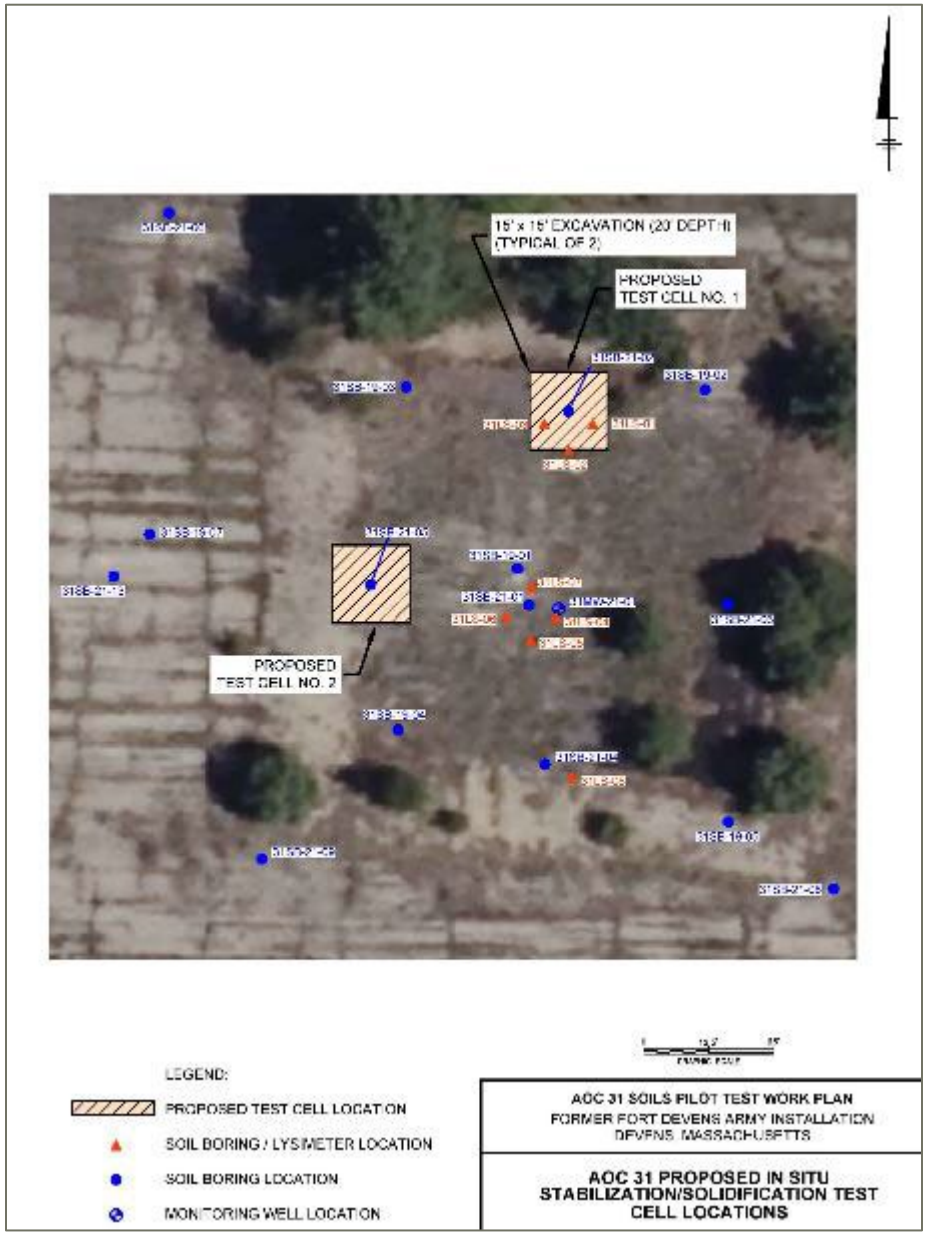
- In Situ Soil Stabilization/Solidification (ISS)
  - Stabilize and immobilize PFAS in site soils to reduce leaching to groundwater
- Objectives:
  - Confirm bench-scale testing results
  - Develop key design factors for full-scale ISS implementation
- ISS incorporates two mechanisms intended to eliminate leaching of PFAS from soil to groundwater:
  - Stabilization – prevents leaching by binding PFAS to reagent mixed into soil (i.e., FLUORO-SORB)
  - Solidification – prevents leaching by encapsulating soil containing PFAS with cement-based amendments that prevent contact with infiltrating water (i.e., Portland cement)



3 | PFAS TREATMENT PILOT STUDIES

Soil Treatment Pilot Study

- Two test cells: 15 ft long by 15 ft wide by 20 ft deep
- Test Cell No. 1:
  - Solidification of entire cell through mixing with cement and FLUORO-SORB/Portland cement/blast furnace slag
- Test Cell No. 2:
  - Stabilization through mixing top 10 ft with FLUORO-SORB and the bottom 10 ft with FLUORO-SORB/Portland cement/blast furnace slag



3 | PFAS TREATMENT PILOT STUDIES

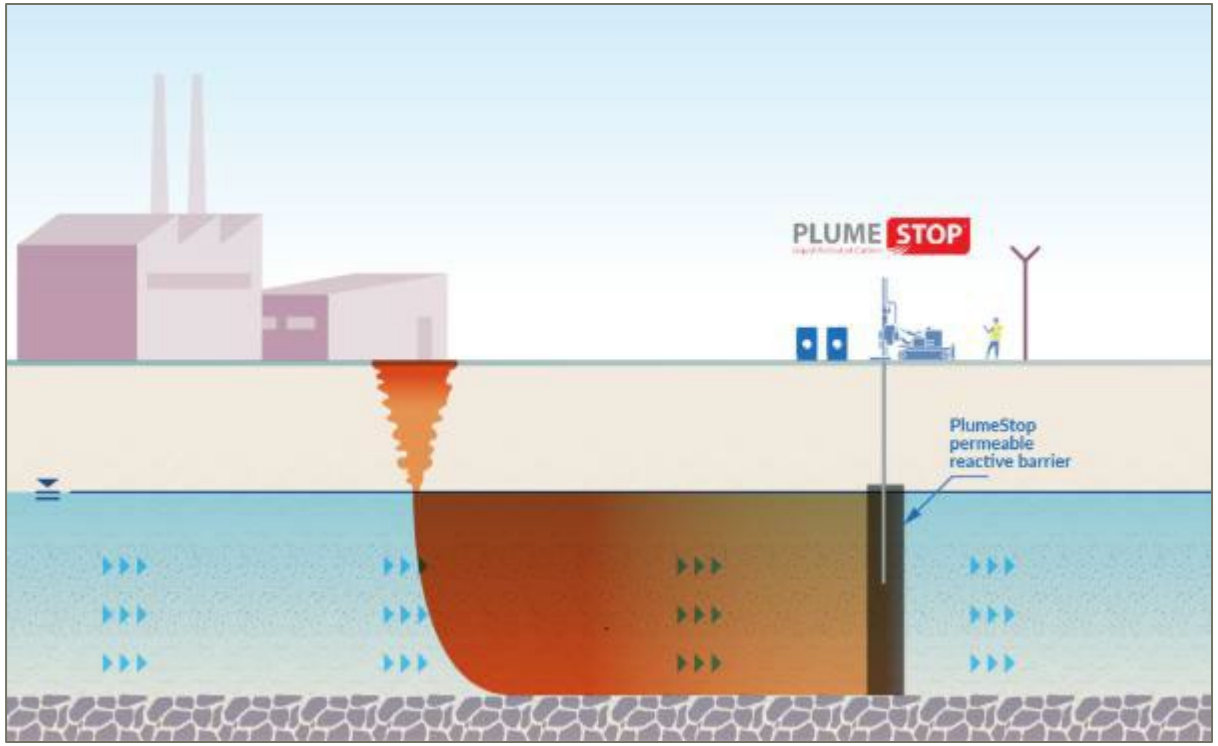
Soil Treatment Pilot Study Schedule

- Pre-Mobilization Activities – Fall 2025
- ISS Site Work – Winter 2025/2026
- Post-ISS Monitoring – Winter 2026 through Summer 2027
- Reporting - 2027

3 | PFAS TREATMENT PILOT STUDIES

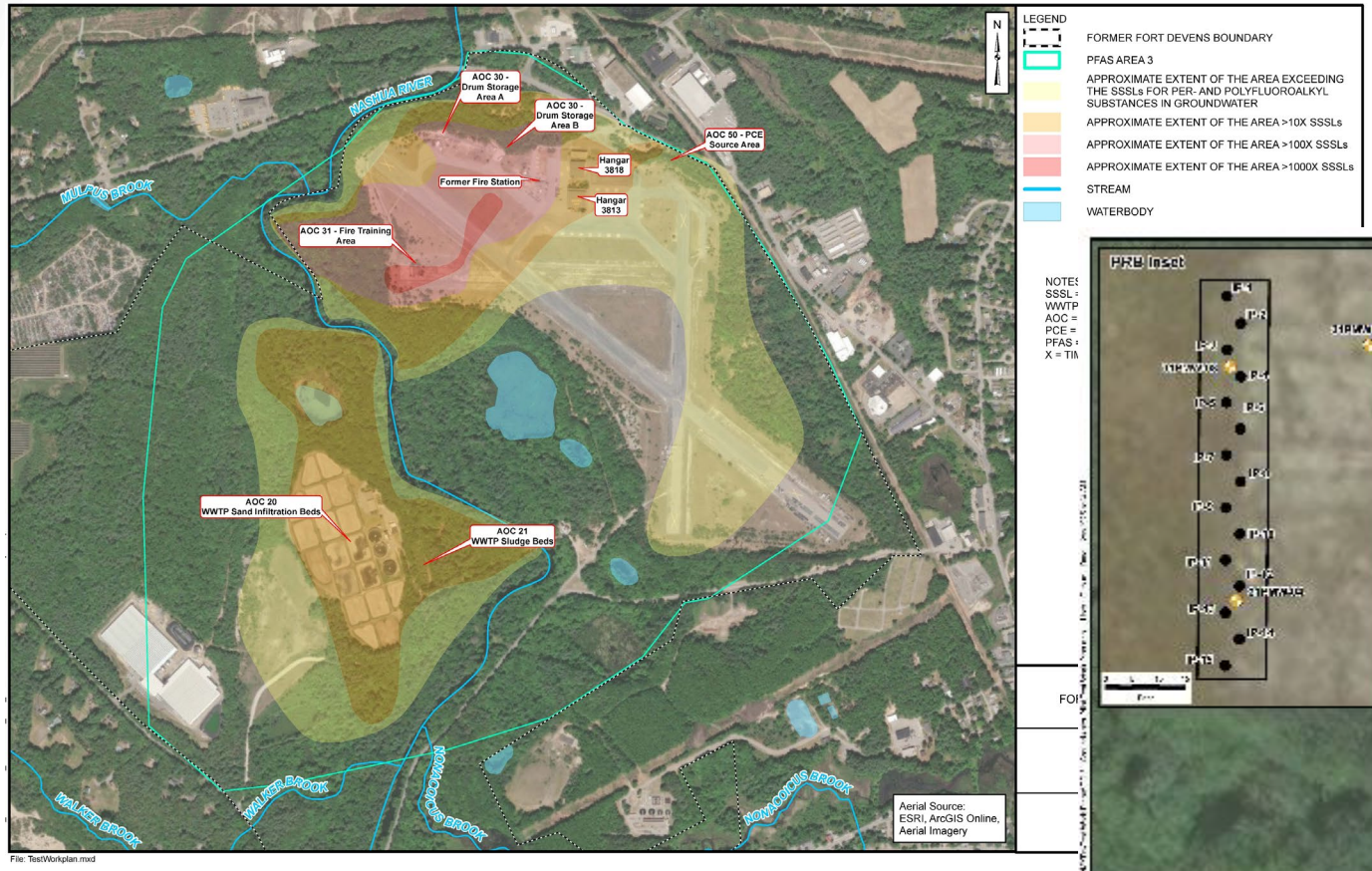
Groundwater Treatment Pilot Study

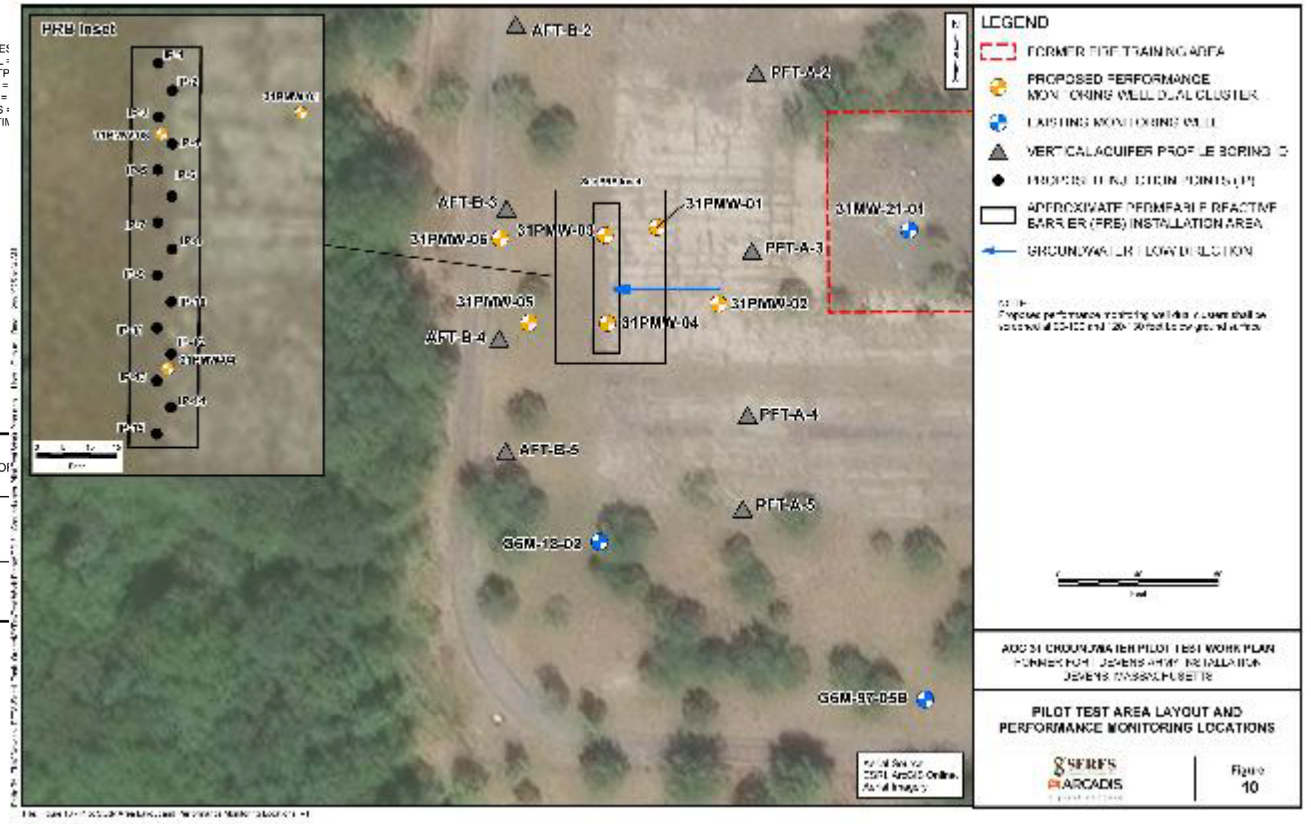
- Colloidal Activated Carbon (CAC) Barrier
  - CAC - specialized form of activated carbon, with particles milled to less than 2 microns in size (size of red blood cell) to allow distribution throughout the saturated soil matrix.
  - Barrier - Injection of CAC liquid mixture downgradient of PFAS Source
  - Pilot Study will utilize PlumeStop®, a product manufactured by Regenesis®



3 | PFAS TREATMENT PILOT STUDIES

Groundwater Treatment Pilot Study





3 | PFAS TREATMENT PILOT STUDIES

Groundwater Treatment Pilot Study Schedule

- Pre-Injection Characterization
  - Groundwater Monitoring Well Installation – August/September 2025
  - Baseline Sampling and Hydraulic Testing – Fall 2025
- Final Injection Plan – December 2025
- Injection Field Work – Winter 2026
- Post-Injection Monitoring – 2026 through 2028
- Reporting – 2028/2029

4 | COMMUNITY INVOLVEMENT & RAB UPDATE

Increased RAB public outreach efforts to raise awareness of meetings and activities

Community update fact sheet distributed January 2025; Next fact sheet anticipated for August 2025

Digital AR continues to be populated with project documents; website updates are in progress

The next quarterly RAB meeting will be November 13, 2025 **(hybrid)**

The Community Involvement Plan (CIP) and other information is available on the Fort Devens Environmental Cleanup website at:

https://www.nae.usace.army.mil/missions/projects-topics/former-fort-devens-environmental-cleanup/

Digital Administrative Record (AR) link is now live, and documents are being uploaded. Initial documents are available at:

https://www.nae.usace.army.mil/Missions/Projects-Topics/Former-Fort-Devens-Environmental-Cleanup/Administrative-Record/

4 | QUESTIONS & ANSWERS

U.S. ARMY

THANK YOU!

YOUR PARTICIPATION IS APPRECIATED!

NEXT RAB MEETING IS:

NOVEMBER 13, 2025 @ 6:30pm

(Second Thursday of the month)

Please email us at FormerFortDevensRAB@arcadis.com if you would like to be included in our RAB mailing list and receive RAB meeting invitations and information.