

RESTORATION ADVISORY BOARD (RAB) MEETING

Former Fort Devens Army Installation
May 20, 2021



US Army Corps
of Engineers®





1 | WELCOME!



Thank you for joining us tonight.

Bob Simeone
Army BRAC
Environmental Coordinator

Penny Reddy
U.S. Army Corps of Engineers,
New England District

Dan Groher
U.S. Army Corps of Engineers,
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SERES-Arcadis JV Community
Involvement Specialist/Facilitator

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SERES-Arcadis JV Meeting Coordinator



1 | WELCOME!



Tonight's topics

1

Welcome!

2

**Community
Involvement
Plan & RAB
Discussion**

3

**Project Updates
& Upcoming
Work**

4

**Questions
& Answers**

5

**Next Steps
& Meeting**



1 | WELCOME!



- The call is being recorded to facilitate minutes.
- We have muted all lines to reduce background noise.
- Q&A will follow a brief presentation on project updates. During this meeting, you can also submit a question via the chat box during the presentation and we will address it at the end.
- If you need to leave the call, click “Leave.”



**CHAT
BOX**



**MUTE/
UNMUTE**



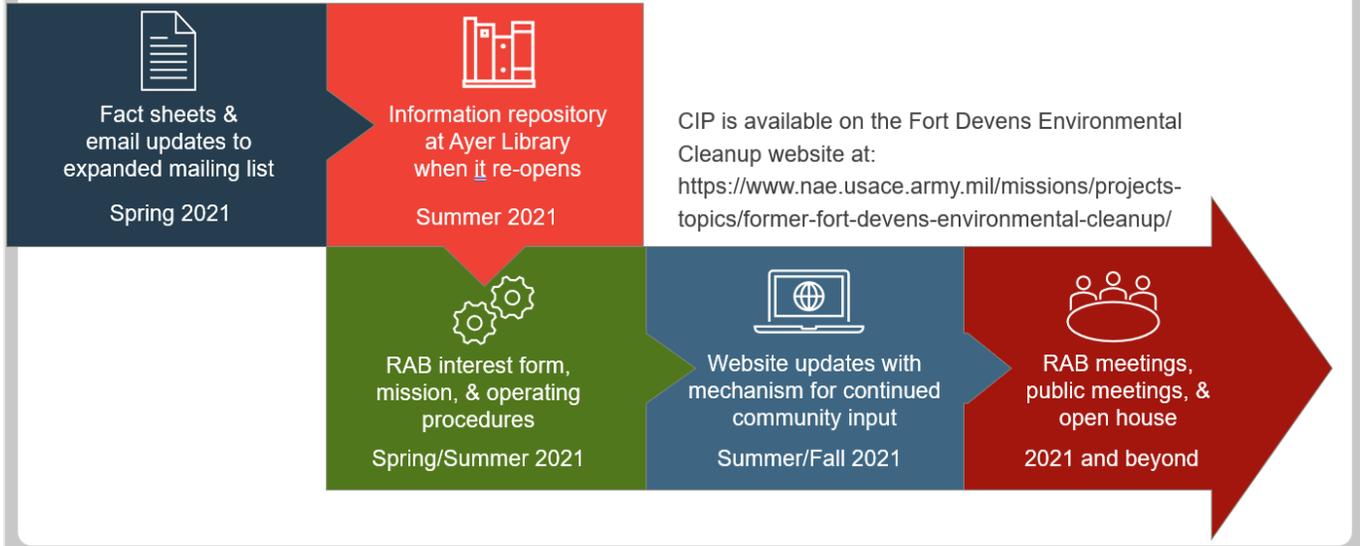


2 | COMMUNITY INVOLVEMENT & RAB DISCUSSION



5

Implementing the CIP





2 | COMMUNITY INVOLVEMENT & RAB DISCUSSION



Review our interactive discussion from last meeting

“In my eyes, the RAB is beneficial because it _____.”

- **Creates opportunities for collaboration and direct connection with Army, EPA, and DEP**
- **Provides a forum for public input and education**
- **Helps inform the public about remedial activities**
- **Demonstrates that taxes spent on superfund sites are being spent wisely**



5/20/2021



2 | COMMUNITY INVOLVEMENT & RAB DISCUSSION



7

Review our interactive discussion from last meeting

“What is our RAB’s mission or what should be part of that mission statement?”

- **We respect all stakeholders and are responsive to community concerns.**
- **We create opportunities to educate the community and communicate concerns that will make a difference.**
- **We foster clarity and transparency about the restoration process.**
- **We are a source of expertise and collaboration about public health and action.**
- **We educate stakeholders on current methods and standards for restoration.**

5/20/2021



3 | PROJECT UPDATES & UPCOMING WORK



Shepley's Hill Landfill: 2015 & 2020 Five-Year Review Additional Requirements

Protectiveness of the current remedy is being confirmed through technical evaluations requested by the USEPA.

Phase I – Evaluate Existing System Performance

- Scope: Demonstrate that the existing groundwater extraction and treatment system is operating as designed/in accordance with the ROD.
- Schedule: To be completed by February 2022.

Phase II – Evaluate Remedy Performance

- Scope: Evaluate if existing remedy will result in restoration of downgradient groundwater in a reasonable timeframe.
- Schedule: To be completed by December 2022.

Phase III – Update/Document Remedy

- Scope: Prepare Focused Feasibility Study (FFS) to evaluate potential sustainable remedial alternatives and select a final alternative.
- Schedule: To be completed by December 2022.

An amendment to the 1995 Record of Decision (ROD) will be made after these evaluations are completed.



5/20/2021



3 | PROJECT UPDATES & UPCOMING WORK



Shepley's Hill Landfill: Evaluation of the Current Remedy/ Air Sparge Pilot Test

Purpose: Support the FFS to be conducted as part of Phase III of the SHL remedy review by testing a different remedial technology.

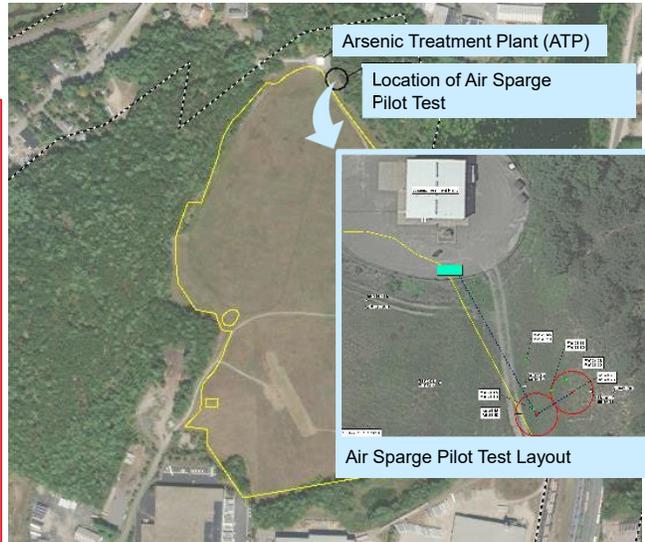
Scope: Conduct an air sparging pilot test to evaluate the effectiveness for arsenic treatment in groundwater.

- Injection of air into the groundwater (through wells) to change the groundwater geochemistry so that arsenic will precipitate out of the groundwater.

Schedule:

- Field activities (drilling, sparging testing, groundwater sampling) from June to December 2021.
- FFS Report to be completed by November 2022.

The Air Sparge Pilot Test Work Plan is currently under USEPA and MassDEP review.



5/20/2021



3 | PROJECT UPDATES & UPCOMING WORK



Shepley's Hill Landfill: ATP Optimization

Scope:

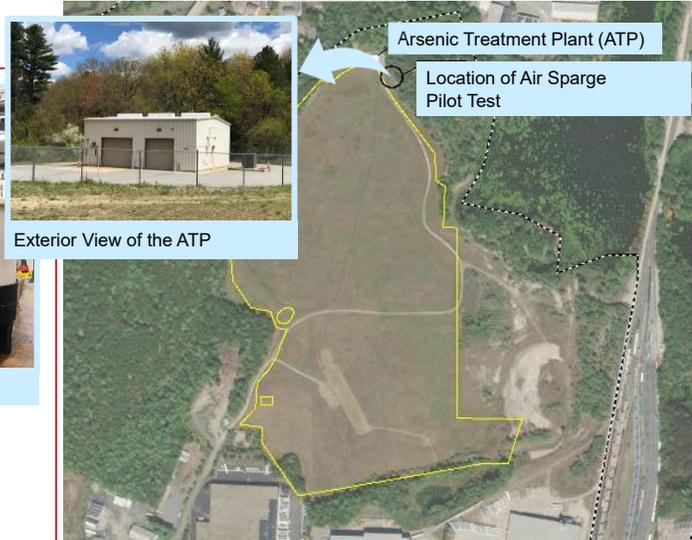
- Optimization of the existing ATP is ongoing and will continue while the remedy evaluation is performed.
- Pilot testing of potential enhancements to the ATP treatment systems will be conducted.

Schedule:

- Pilot testing is scheduled for summer 2021, with optimization of the ATP to follow in winter 2021/22.



Inside the ATP



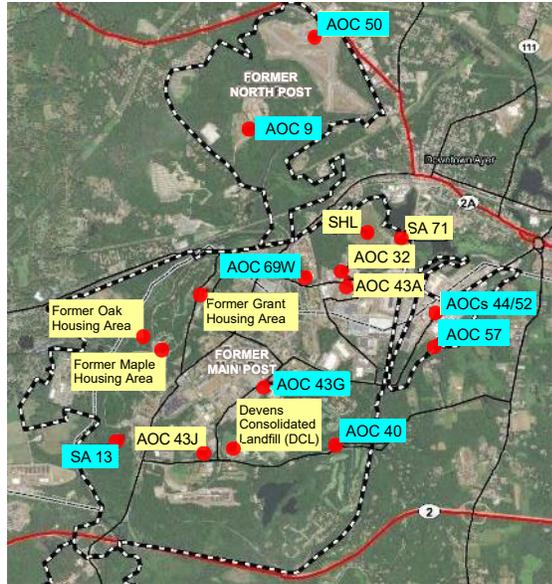
Exterior View of the ATP



3 | PROJECT UPDATES & UPCOMING WORK

2020 Five-Year Review: Additional Requirements

- USEPA has requested additional work be performed associated with the 2020 Five-Year Review Report.
- Work starting in summer 2021:
- Prepare Land Use Control Implementation Plans (LUCIPs) for AOCs 44/52, 43G, 69W, and 57 (land use controls [LUCs] already in place).
 - Confirm protectiveness of remedy at Devens Consolidation Landfill (DCL) Contributor Sites (SA 13, AOC 9, and AOC 40).
 - Confirm protectiveness of remedy performance and conceptual site model at three former petroleum (BRAC legacy) sites (AOCs 43G, 57, and 69W) through additional investigation.
 - Remove debris from and perform sampling at AOCs 57 and 50.



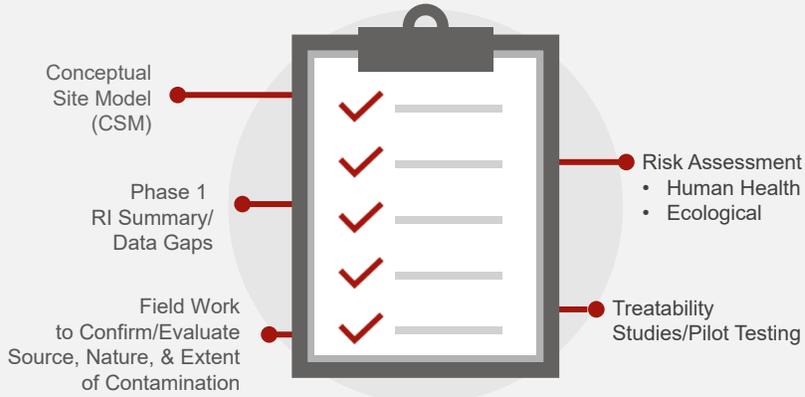


3 | PROJECT UPDATES & UPCOMING WORK



PFAS Remedial Investigations: Status & Path Forward

Phase 2 RI Work Plan will be developed for each Area:



Schedule for Draft Phase 2 RI Work Plans

June 2021	Area 1
October 2021	Area 2
January 2022	Area 3



3 | PROJECT UPDATES & UPCOMING WORK



The Look Ahead for Technical Work

Spring 2021

- Area 1 Draft Phase 2 RI Work Plan Submission
- Long-Term Monitoring Program Spring Sampling
- Debris Area Removal Work Plan Resubmission

Summer 2021

- Shepley's Hill Landfill Air Sparging Pilot Test & ATP Optimization Test
- Supplemental RI Work Plans – AOCs 43G, 57, & 69W (metals)
- PFAS Treatability Study/Pilot Testing Planning – PFAS Area 3

Fall 2021

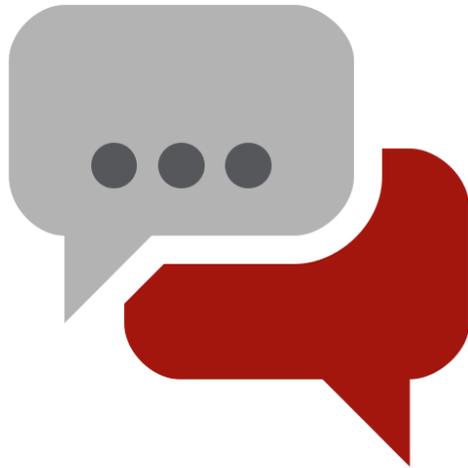
- Debris Area Removals & AOCs 43G/57/69W Supplemental RIs
- Area 2 Draft Phase 2 RI Work Plan Submission
- Long-Term Monitoring Program Fall Sampling & LUCs Inspection

Winter 2021-2022

- Potential Upgrades to Optimize Shepley's Hill Landfill ATP
- Area 1 Phase 2 RI Field Work
- Area 3 Draft Phase 2 RI Work Plan Submission



4 | QUESTIONS & ANSWERS





5 | NEXT STEPS & MEETING

15



Community Involvement & RAB

Action Item 1

Send out fact sheet and RAB interest form;
start compiling completed forms

Action Item 2

Ask for volunteers to help with next steps
in RAB membership and activities

Action Item 3

Set up hard copy information repository
at the Ayer Library and make website updates

Action Item 4

Install RAB meeting poster boards at
town halls

5/20/2021



THANK YOU!
YOUR PARTICIPATION IS APPRECIATED!

NEXT RAB MEETING IS:
AUGUST 19, 2021

5/20/2021