

RESTORATION ADVISORY BOARD (RAB) MEETING

Former Fort Devens Army Installation
May 12, 2022



US Army Corps
of Engineers®

5/12/2022



WELCOME!



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



CHAT
BOX



MUTE/
UNMUTE



Leave



WELCOME!



Thank you for joining us tonight.

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

Penny Reddy and Dan Groher
U.S. Army Corps of Engineers -
New England District

Andy Vitolins, Julee Jaeger,
Steven Perry, and Sue Tauro
SERES-Arcadis JV Team

Our Invited Speakers from Fort Devens:

Morgan M. McGrath, P.E., Chief, Environmental
Division, U.S. Army Garrison Fort Devens

Zygmunt V. Osiecki, Environmental Protection
Specialist, U.S. Army Garrison Fort Devens

Dabra I. Seiken, Engineering Technical Lead, U.S.
Army Corps of Engineers

Our Community Board Members:

Julie Corenzwit

Amy McCoy

Dave McCoy

Chris Mitchell

Laurie Nehring

Alix Turner



WELCOME!



Tonight's topics

1

**Community
Involvement
& RAB Update**

2

**South
Post
Overview**

3

**Project
Updates**

4

Q&A

5

**Next Steps
& Meeting**



1 | COMMUNITY INVOLVEMENT



Implementing the Community Involvement Plan (CIP)



Feasibility Study (FS) fact sheet distributed



Information repository is at the Ayer Library and being updated with PFAS project documents

CIP is available on the Fort Devens Environmental Cleanup website at:
<https://www.nae.usace.army.mil/missions/projects-topics/former-fort-devens-environmental-cleanup/>



RAB meetings will continue on the second Thursday of the month through 2022



Discarded military munitions outreach efforts are being resumed for spring and summer 2022



Website enhancements are continuing with the digital Administrative Record (AR) being programmed



1 | COMMUNITY INVOLVEMENT



Digital Administrative Record on the Website

U.S. Army Corps of Engineers, New England District website

FORMER FORT DEVENS ENVIRONMENTAL CLEANUP

DRAFT CONCEPT FOR REVIEW

AR UPDATES

Perhaps a blurb here about what was recently added.

Former Fort Devens Administrative Record (AR)

The AR is a collection of documents that form the basis for the selection of a response action at an environmental restoration site. The documents included in the Former Fort Devens AR are arranged by subject code and are identified with unique numbers to assist in tracking and retrieval of the documents.

The index to the administrative record file is linked below.
[Index of the AR for the Former Fort Devens Site.pdf](#)

- 01 Site Management Records
- 2.0 Removal Response
- 3.0 Remedial Investigation (RI)
- 4.0 Feasibility Study (FS)

- 5.0 Record of Decision (ROD)/Decision Document (DD)
- 6.0 Remedial Design (RD)
- 7.0 Remedial/Removal Action (RA)/Long-Term Management (LTM)
- 8.0 Public Affairs/Community Relations
- 9.0 Congressional Relations
- 10.0 Freedom of Information Act (FOIA)
- 11.0 Real Estate



1 | RAB ACTIVITIES



RAB Business Meeting

- Held on April 5, 2022 to continue process of getting organized, set a meeting frequency, and develop mission and operating procedures

RAB Board Member Visit

- Held on April 28, 2022 to Moore Army Airfield and Shepley's Hill Landfill
- Reviewed site features, past work, and upcoming activities
- Also attended by MassDEP and MassDevelopment



2 | FORMER SOUTH POST OVERVIEW

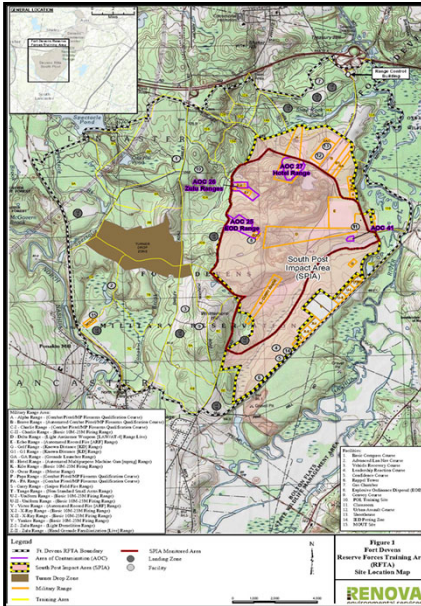


This South Post presentation is being given by U.S. Army Garrison Fort Devens as information to the RAB members. The presentation is a follow-up from the prior RAB meeting, which agreed to provide more information. This presentation is provided by the U.S. Army Garrison Fort Devens without collaboration, input, or review of the HQDA G-9 (BRAC).



2 | FORMER SOUTH POST OVERVIEW

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South Post Impact Area (SPIA)

The SPIA is located within the 4,800-acre Devens Reserve Forces Training Area (DRFTA) [also known as South Post].

The SPIA is, and will be for the foreseeable future, an active weapons and ordnance discharge area used by the Army, the Massachusetts National Guard, and nearby law enforcement agencies for training purposes.

The SPIA monitored area is a 964-acre area that includes four AOCs: 25, 26, 27, and 41, each with a unique use and history of ordnance use.

- AOC 25 – Explosive Ordnance Disposal (EOD) Range used periodically for detonation of waste ordnance
- AOC 26 – Zulu Range 1 [demolition training] and Zulu Range 2 [hand grenade familiarization training]
- AOC 27 – Hotel Range[machine guns training], and
- AOC 41 – Formerly used as a landfill consisting of non-explosive military and household debris.

Investigations performed at the SPIA have documented the presence of explosives, metals, and perchlorate in soil and groundwater at AOCs 26 and 27.

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2 | FORMER SOUTH POST OVERVIEW

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SPIA Record of Decision (ROD)

- ROD was issued for the SPIA in July 1996 (Horne Environmental Services, Inc., 1996).
- “No Action” was selected as the remedy for surface water, sediment, and soils at AOCs 25, 26, and 27; AOC 41 groundwater; and the “SPIA monitored-area” groundwater.
- The remedy did not include any formal remedial action but did include Long-Term Monitoring (LTM) activities and an Integrated Natural Resources Management Plan (INRMP).
- Annual LTM and reporting began post-ROD in 1997.
- The effectiveness of the “No Action” remedy has been evaluated in Five-Year Review Reports, and sampling conducted at the four SPIA AOCs (25, 26, 27, and 41) has been revised over time based on comprehensive reviews of the LTM results.

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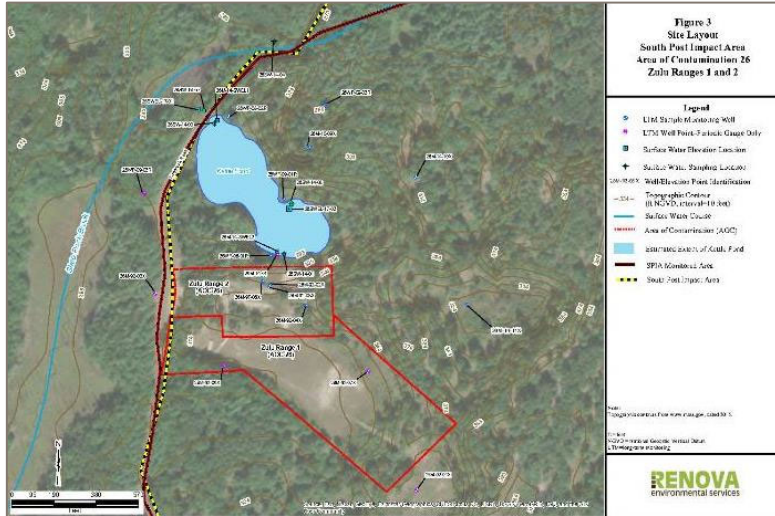
2 | FORMER SOUTH POST OVERVIEW

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AOC 26 – Zulu Ranges

- Semi-Annual Sampling
 - May - 4 Monitoring Wells & 5 Surface Water Sampling Locations
 - November - 11 Monitoring Wells & 5 Surface Water Sampling Locations
- At the kettle pond located adjacent to Zulu Ranges 1 and 2, water inflows consist of groundwater converging flow and precipitation (direct into the pond and runoff within pond watershed).
- Water outflows from this pond include groundwater diverging flow, evaporation, and surface water discharge through the culvert located at the northwestern end of the pond and below Firebreak Road to Slate Rock Brook.



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2 | FORMER SOUTH POST OVERVIEW



AOC 27 - Hotel Range

- Biennial (every other year) Sampling of 4 monitoring wells in November [next November 2022]
- A proposed renovation to reorient the Hotel Range is currently in the permitting and construction contract solicitation phase
 - While most planned construction activities are slated to occur outside the SPIA Monitored Area, some tree clearing and site work (regrading) could take place within the area of AOC 27.
 - The current network of monitoring wells will not be impacted by the planned construction and reconfiguration.



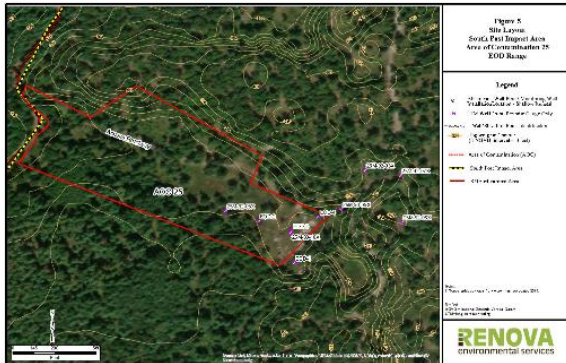


2 | FORMER SOUTH POST OVERVIEW



AOC 25 and AOC 41

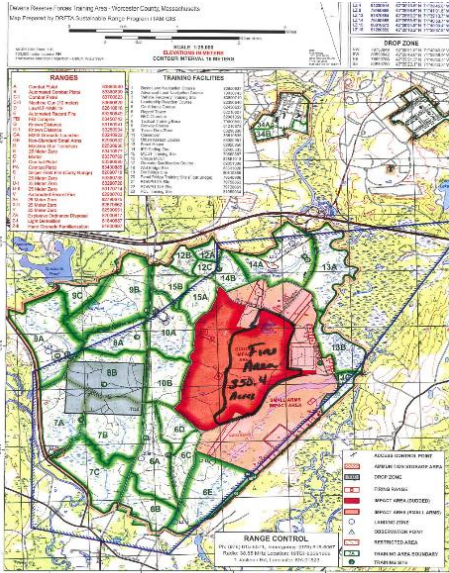
- AOC 25 groundwater sampling was discontinued after the 2004 annual LTM event.
- AOC 41 was removed from the LTM program in 2006.
- Water Level Gauging every 5 years as part of the 5-Year Review Process [Next in November 2024].





2 | FORMER SOUTH POST OVERVIEW

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South Post Fire – March 21, 2022

- Devens Fire Department officials estimate the flames consumed roughly 300 acres at the Fort Devens South Post Range Complex.
- Caused when a munition round struck a metal object, resulting in a spark that ignited dried brush.
- Because the Range has live munitions on it, firefighters could only safely fight the fire from the roadways and light backfires to control where the blaze could spread.
- The fire reach the southeastern side of AOC 27, but AOC 26 was unaffected. The status of the remaining AOCs and the SPIA monitoring wells are being evaluated.

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3 | PROJECT UPDATES & UPCOMING WORK



Final Documents Posted Since Last RAB Meeting

- PFAS Area 3 Field Sampling Plan Addendum No. 1 (Former Fire Training Area) – Former Moore Army Airfield (MAAF) (posted to website 5 May 2022)
- Final Debris Removal Summary Report (AOCs 50, 57, 74) – Former MAAF and Main Post (posted to website 5 May 2022)

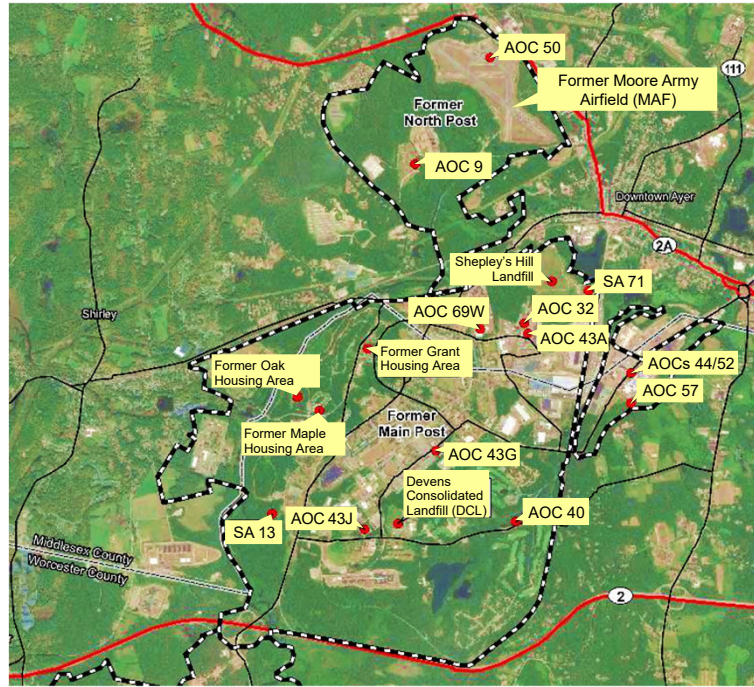
Draft Documents Submitted to Agencies Since Last RAB Meeting

- Draft PFAS Area 1 Phase 2 RI Work Plan – Main Post
- Draft Annual Monitoring Reports – SHL, Main Post, Former MAAF



3 | PROJECT UPDATES & UPCOMING WORK

North & Main Posts





3 | PROJECT UPDATES & UPCOMING WORK



Shepley's Hill Landfill Updates

- **Barrier Wall Assessment**
 - Work Plan approved on April 19, 2022; field work pending contract award
- **Air Sparging Pilot Testing**
 - Draft Report under Army Review; to be submitted to EPA/MassDEP in June 2022
- **Remedy Evaluation**
 - Meetings held between Army and EPA/MassDEP technical teams to discuss conceptual site model (CSM) and proposed arsenic groundwater background evaluation
- **Long-Term Monitoring**
 - Draft 2021 Annual Report submitted to EPA/MassDEP on May 2, 2022
 - 2022 spring sampling May 6 through May 13, 2022



3 | PROJECT UPDATES & UPCOMING WORK

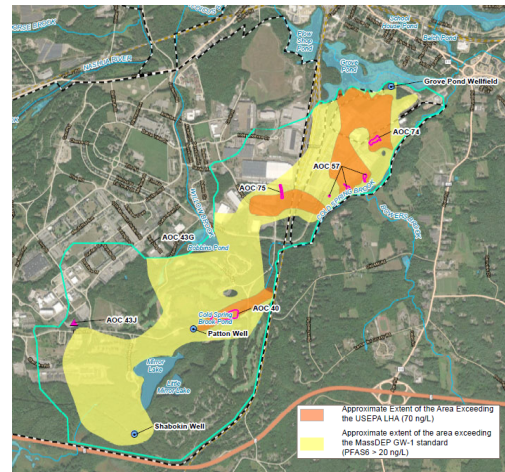
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Former Main Post Updates

- **Area 1 Phase 2 PFAS RI Work Plan**
 - Submitted to EPA and MassDEP on March 2, 2022
 - Work Plan overview call held with EPA and MassDEP on March 23, 2022
 - Groundwater model overview call held with EPA and MassDEP on March 24, 2022
- **Supplemental Remedial Investigations (AOCs 69W, 57, 43G)**
 - Received follow-on comments on Draft AOC 69W Work Plan on April 15, 2022
 - Responses to comments and work plan revisions in May 2022

PFAS Groundwater Operable Unit Area 1



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3 | PROJECT UPDATES & UPCOMING WORK



Former Main Post Updates (continued)

- **Land Use Control Implementation Plans (LUCIPs, AOCs 44/52, AOC 69W, SA 71)**
 - LUCIP Work Plan approved and draft LUCIPs being prepared
- **Long-Term Monitoring**
 - Draft 2021 Annual Report submitted to EPA/MassDEP on May 2, 2022
 - 2022 spring sampling on May 4 and 5, 2022
- **Debris Removal (AOCs 57 and 74)**
 - Debris removal completed
 - Submitted responses to comments and final report on May 2, 2022
- **Discarded Military Munitions (Nashua River)**
 - Update at August RAB Meeting



3 | PROJECT UPDATES & UPCOMING WORK



Former Moore Army Airfield Updates

- **Former Fire Training Area**
 - Field Sampling Plan (FSP) for additional soil and groundwater characterization approved on March 18, 2022
 - Field work pending contracting – likely summer/fall 2022
- **Long-Term Monitoring**
 - Draft 2021 Annual Report submitted to EPA/MassDEP on May 2, 2022
 - 2022 spring sampling May 2 and 3, 2022
- **Debris Removal (AOC 50)**
 - Received comments on Summary Report on March 24, 2022
 - Submitted responses to comments and final report on May 2, 2022
 - Contracting for removal of additional debris discovered following the completion of field work



3 | UPCOMING WORK



The Look Ahead for Anticipated Technical Work

Spring 2022

- Spring Annual Monitoring Event
- Supplemental Draft RI Work Plan Revisions (AOCs 69W, 57, 43G)
- Draft Area 1 Phase 2 PFAS RI Work Plan Responses to Comments
- Draft SHL Air Sparging Pilot Test Report

Summer 2022

- Area 3 (Airfield Former Fire Training Area) Additional PFAS Sampling (pending contracting)
- Spring Annual Monitoring Event Data Submission
- Submit Draft Final Area 1 Phase 2 PFAS RI Work Plan
- Submit Draft LUCIPs (AOC 69W and 44/52)



4 | QUESTIONS & ANSWERS

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5 | NEXT STEPS & MEETING

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Community Involvement & RAB

Action Item 1

Resume public outreach about hazards of potentially discovering discarded military munitions

Action Item 2

RAB business meetings and committee work will continue in between quarterly public meetings

Action Item 3

Continue work on digital Administrative Record and updates to document repository and website

Action Item 4

Continue with fact sheets and project updates

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THANK YOU!
YOUR PARTICIPATION IS APPRECIATED!

NEXT RAB MEETING IS:
AUGUST 11, 2022

(Second Thursday of the month)