



**SPRING VALLEY FORMERLY USED DEFENSE SITE PROJECT**  
**RAB Meeting**

**July 11, 2017**  
**7:00 – 8:00 p.m.**

**UNDERCROFT MEETING ROOM**  
**ST. DAVID'S EPISCOPAL CHURCH**  
**5150 MACOMB ST. NW, WASHINGTON, DC**

**Agenda**

- 7:00 p.m.      I.      Administrative Items**  
Co-Chair Updates  
    ▪ Introductions, Announcements  
Task Group Updates
- 7:05 p.m.      II.      USACE Program Updates**  
Site-Wide Decision Document  
Groundwater Study  
Glenbrook Road
- 7:30 p.m.      III.      Community Items**
- 7:40 p.m.      IV.      Open Discussion & Future RAB Agenda Development**  
Upcoming Meeting Topics:  
    ▪ (Suggestions?)  
    ▪ Summary of work at 4835 Glenbrook Road  
  
    \*Next meeting: September 12, 2017
- 7:50 p.m.      V.      Public Comments**
- 8:00 p.m.      VI.      Adjourn**

*\*Note: The RAB meets every odd month.*

# SPRING VALLEY FORMERLY USED DEFENSE SITE

## Restoration Advisory Board Meeting 11 July 2017

“The USACE Mission in Spring Valley is to identify, investigate and remove or remediate threats to human health, safety or to the environment resulting from past Department of Defense activities in the area.”

*“The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”*





# AGENDA REVIEW

## Co-Chair Updates

- Introduction, Announcements

## USACE Updates

- Site-Wide Decision Document
- Groundwater Study
- Glenbrook Road

## Community Items

## Open Discussion & Future RAB Agenda Development

## Public Comments



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# CO-CHAIR UPDATES

## Introductions

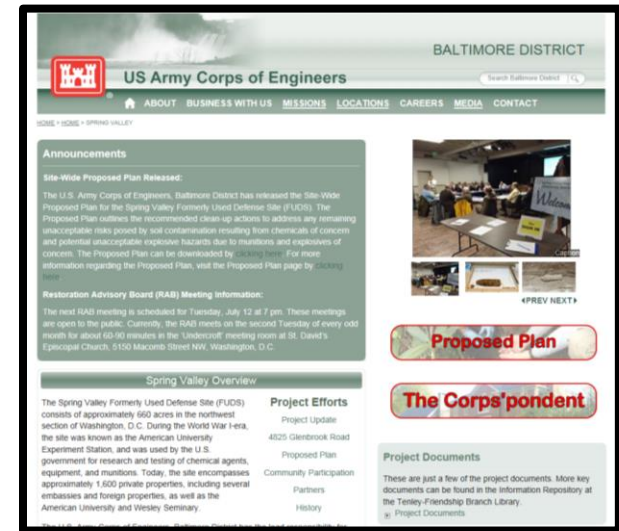


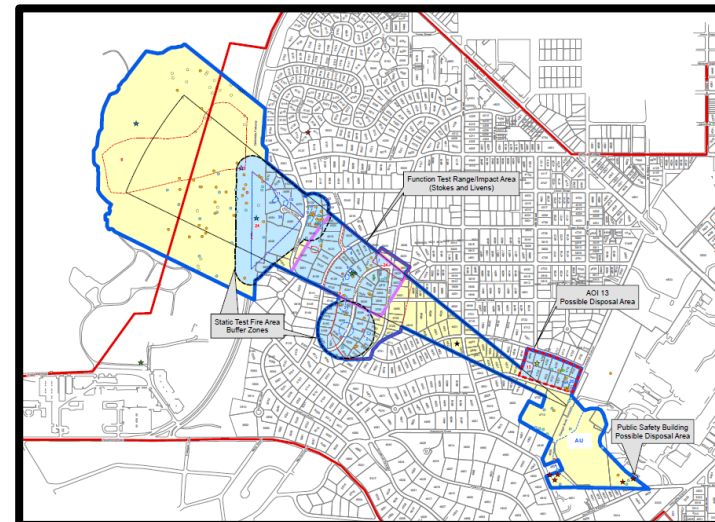
# CO-CHAIR UPDATES

## Announcements

### – Website Updates:

- May and June Monthly Site-Wide Project Updates
- Weekly 4825 Glenbrook Rd Project Updates with photos
- May RAB meeting minutes
- April Partner meeting minutes
- Final Site-Wide Decision Document





# SITE-WIDE DECISION DOCUMENT

## USACE Updates



# SITE-WIDE DECISION DOCUMENT

The team finalized edits to the Site-Wide Decision Document (DD) based on comments from the Army Corps' Headquarters.

- The DD was signed on June 15, 2017.



The Final DD is available in our Information Repository at the Tenley-Friendship Neighborhood Library on our project website here:  
<http://www.nab.usace.army.mil/Home/Spring-Valley/Site-Wide/>

Next step: Complete the Remedial Design, where details of carrying out the selected remedial alternatives are developed with a contractor.

- On June 30, the contract for this work was awarded to Weston Solutions, Inc. They will begin the Remedial Design efforts by drafting Work Plans.



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# SITE-WIDE TENTATIVE SCHEDULE

✓ <b>June 15, 2017</b>	Signed the <b>Decision Document</b> .
✓ <b>June 30, 2017</b>	<b>Contract acquisition work awarded.</b>
<b>July 2017</b>	Begin <b>Remedial Design</b> .
<b>~ Fall/Winter 2017-2020</b>	Conduct <b>Remedial Action</b> field work.



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## PUBLIC SAFETY BUILDING (PSB)

AU completed the demolition of the PSB. The Army Corps team will remove the exposed basement slab to investigate and remove any potential Army related contamination (whether that be laboratory glassware, munitions debris, or contaminated soil).

We will replace any soil that may be removed with clean backfill and return the property back to AU. Future plans for the site will be decided by AU.

The contractors hired for the Site-Wide Remedial Action work will be in charge of the work at the PSB.





# GROUNDWATER STUDY

## USACE Updates

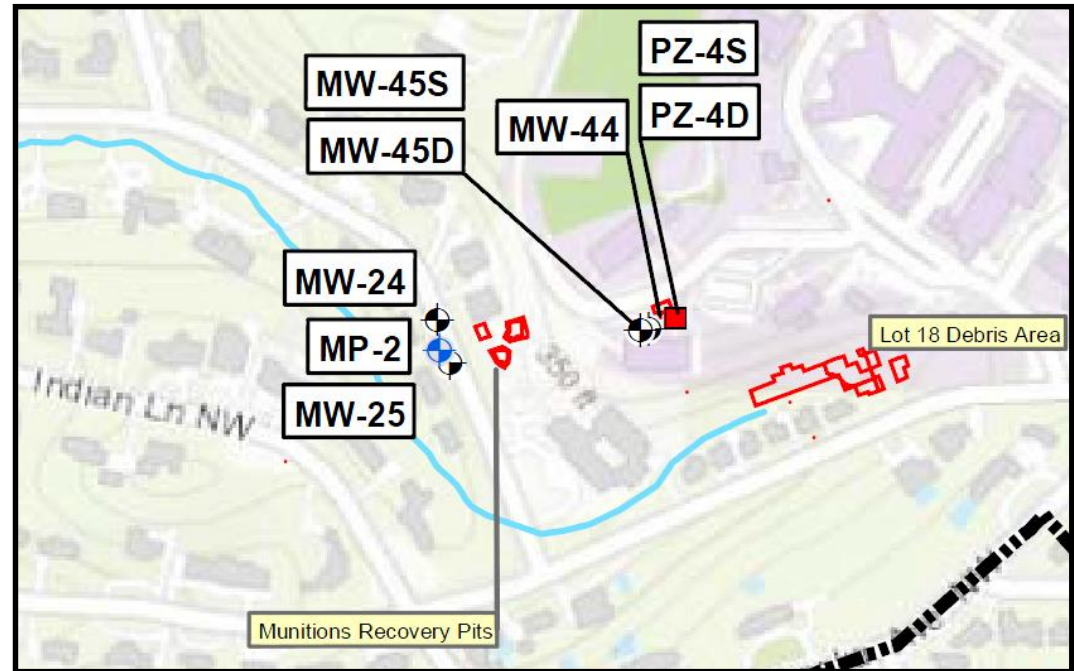


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# GROUNDWATER FEASIBILITY STUDY

The Army Corps received the regulatory Partners comments on the draft Groundwater Feasibility Study (FS) and are preparing responses.

Once the comments are resolved and the FS is finalized, the team will begin drafting the Groundwater Proposed Plan.



## Tentative Schedule:

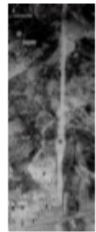
- Address Partner comments and finalize Feasibility Study - Fall 2017.
- Proposed Plan, public comment period, public meeting - Winter 2018.
- Finalize Decision Document - Summer 2018.



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# The CERCLA Process

*(The Comprehensive Environmental Response, Compensation, and Liability Act)*



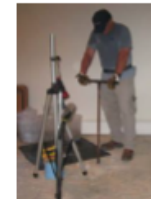
## Preliminary Assessment



## Site Inspection

## Remedial Investigation

General Purpose: Collect data to characterize site conditions; Determine the nature of the waste; Assess risk to human health and the environment; & Evaluate treatment options.



## Feasibility Study



General Purpose: To develop, screen, and evaluate alternatives for clean-up.

Information gathered as part of the RI influences the development of the FS which, in turn, may require further data collection and field investigations.

## Decision Document



General Purpose: Select the alternative as well as provide an overview of the project. This would include site history, previous and current investigations, and characterization of contamination.

## Proposed Plan



General Purpose: Presents the evaluation of clean-up alternatives and provides a recommendation for the preferred alternative.

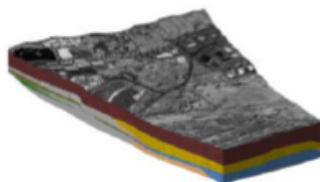
This document is made available for public review and comment.

## Removal Action



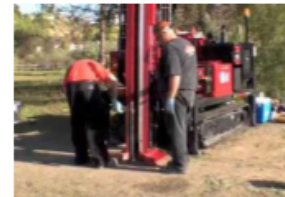
General Purpose: If prompt action is deemed appropriate prior to the completion of the RI/FS process, USACE will begin removal of the contaminants of concern.

## Remedial Design/ Remedial Action



General Purpose: Implementation of the action determined in the Decision Document.

## Long Term Monitoring



General Purpose: To conduct any long term monitoring necessary and conduct five year reviews of the Formerly Used Defense Site.

# 4825 GLENBROOK ROAD

## USACE Updates





# LOW PROBABILITY

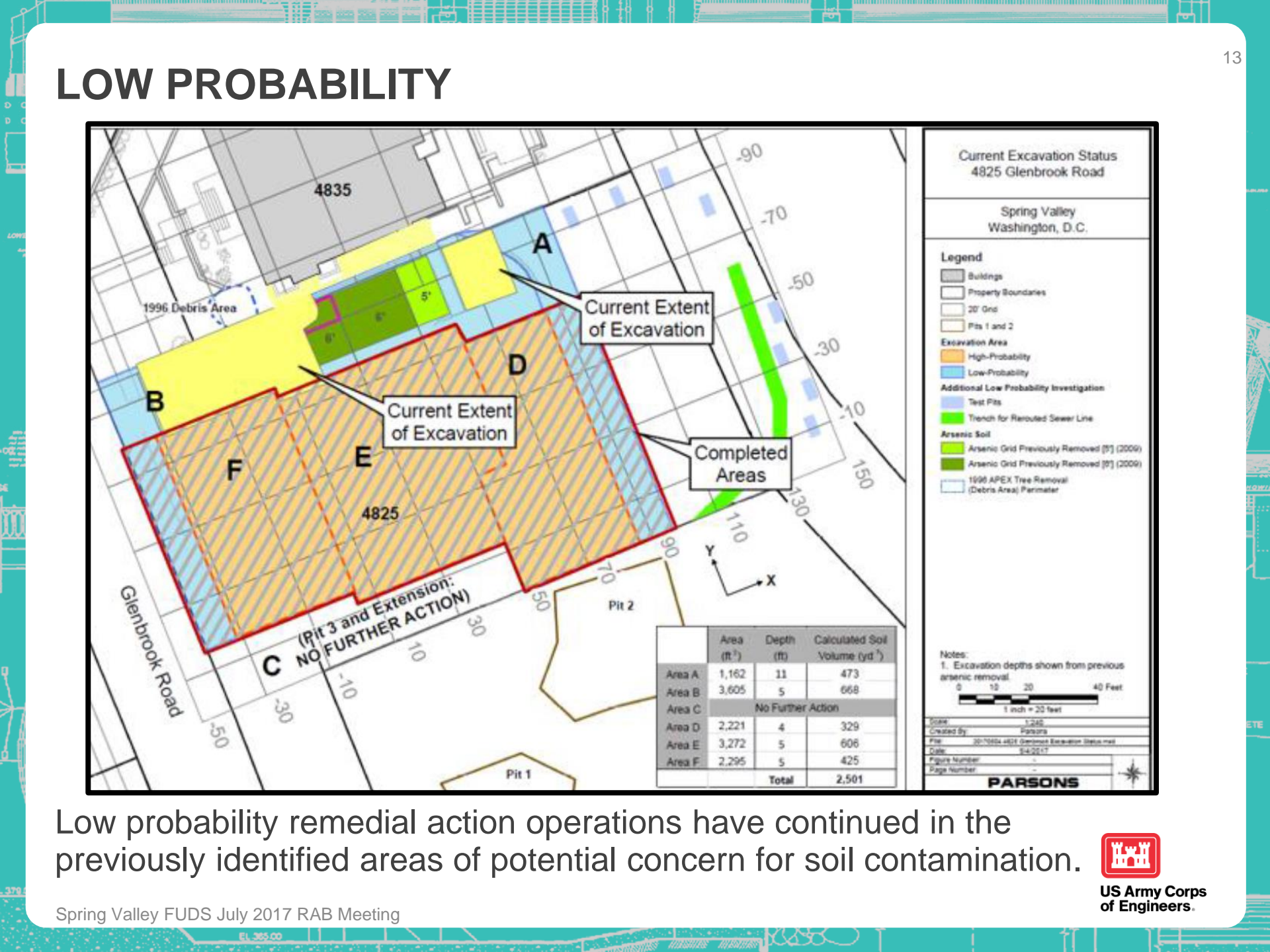
The map displays the site at 4825 Glenbrook Road, Spring Valley, Washington, D.C. It shows various excavation areas labeled A through F. Areas A, B, and C are highlighted in yellow, while D, E, and F are in orange. A red outline indicates the 'Current Extent of Excavation'. A green line marks the 'Completed Areas'. The map includes a grid with elevations ranging from -90 to 150 feet. A legend on the right explains the symbols for buildings, property boundaries, excavation areas, and test pits. A table at the bottom right provides data for each area, including area, depth, and calculated soil volume. A scale bar and north arrow are also present.

	Area (ft <sup>2</sup> )	Depth (ft)	Calculated Soil Volume (yd <sup>3</sup> )
Area A	1,162	11	473
Area B	3,605	5	668
Area C	No Further Action		
Area D	2,221	4	329
Area E	3,272	5	606
Area F	2,295	5	425
<b>Total</b>			<b>2,501</b>

Low probability remedial action operations have continued in the previously identified areas of potential concern for soil contamination.

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# LOW PROBABILITY

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	Area (ft <sup>2</sup> )	Depth (ft)	Calculated Soil Volume (yd <sup>3</sup> )
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## LOW PROBABILITY – ALONG THE SHARED PROPERTY LINE

In early June, the teams continued hand digging in the areas with AUES debris and CACM containing soils. The hand digging methods used to remove the AUES debris and CACM containing soils continue to impact the productivity at the site.



The team is working diligently but cautiously in these areas to ensure the safety of our site teams and the local residents and the AU campus.



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# 4825 GLENBROOK PROGRESS

Moving forward is challenging in the heat and with ongoing presence of CACM.

- One dig team at a time, proceeds with hand digging.
- Crew utilizes the new redress trailer to get in and out of safety equipment as needed.
- The contractor has three dig teams to switch out.
- Our dig team continues wearing Modified Level D, *which is construction site standard safety attire with the addition of a paper Tyvek suit, booties and an extra pair of gloves.*
- If the MINICAMS ring off, the Mod D team will leave the area and a Level C team will enter. *“Level C” personal protective equipment includes a chemical Tyvek suit and gloves, and a full face respirator.*





# LOW PROBABILITY



Approximately 119 pounds of American University Experiment Station-related glassware debris has been recovered in Area B to date. All of it cleared head-space analysis.

There were also no detections of chemical agents or industrial compounds in the air monitors.



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# LOW PROBABILITY



Mechanical excavation has been used where possible, for demolition of the retaining wall and to remove backfill placed behind the retaining wall during the prior arsenic removal efforts at the site.



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# LOW PROBABILITY



Potentially contaminated soil continues to be sifted and placed into drums for disposal.

The team is carefully excavating soil behind the retaining wall with both mechanical and hand digging.





# LOW PROBABILITY

The crew also continued demolishing portions of the retaining wall and a thick concrete footer.





# LOW PROBABILITY

Rubble from the demolished retaining wall where CACM or AUES debris was recovered, is broken into small pieces so it can also be placed into drums for disposal.



Other soil and rubble are removed from the site in the larger roll offs.



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# FUTURE ACTIVITIES

- Finish low probability excavations.
- Finalize the restoration schedule with the property owners of 4825/4835 Glenbrook Rd.
- Restore 4801 Glenbrook Rd.
- Site Closure Report.



# TENTATIVE SCHEDULE

- ✓ December 2012 through May 2013  
*Site Preparation/ Initial Low Probability Work*
- ✓ May 2013 through September 2013  
*ECS Set Up, High Probability training, & Pre-Operational Exercises*
- ✓ September 2013 through June 2016  
*High Probability Excavation (Shelter-in-Place program ended May 27)*
- ✓ Summer 2016  
*Tent Demobilization & Site Preparation for Final Low Probability Excavation*



➡ **September 2016 through Winter 2017/18**  
*Final Low Probability Excavation*

**Spring 2018**  
*Site Restoration*



# SPRING VALLEY FUDS RESTORATION ADVISORY BOARD

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## *Community Items*



# SPRING VALLEY FUDS RESTORATION ADVISORY BOARD

## Reminders:

- The next RAB meeting will be Tuesday, **September 12<sup>th</sup>**

## Upcoming Agenda Items:

- **Suggestions?**
- Summary of work at 4835 Glenbrook Rd.



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# SPRING VALLEY FUDS RESTORATION ADVISORY BOARD

## Public Comments

## Wrap-Up



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