



Barnes Air National Guard (ANG) Base Restoration Advisory Board Meeting #12 July 24, 2025



Agenda



- 6:00 PM Agenda Review and Meeting Logistics
- 6:05 PM Welcome and Introductions
- 6:10 PM RAB Business
- 6:15 PM Community Involvement Plan Update
- 6:35 PM Non-AFFF Due Diligence
- 6:45 PM Environmental Restoration Program Status Update
- 7:15 PM Questions and Comments
- 7:25 PM Closing Remarks
- 7:30 PM Adjourn



Meeting Logistics

Amy Brand

Jacobs

RAB Facilitator



Meeting Guidelines

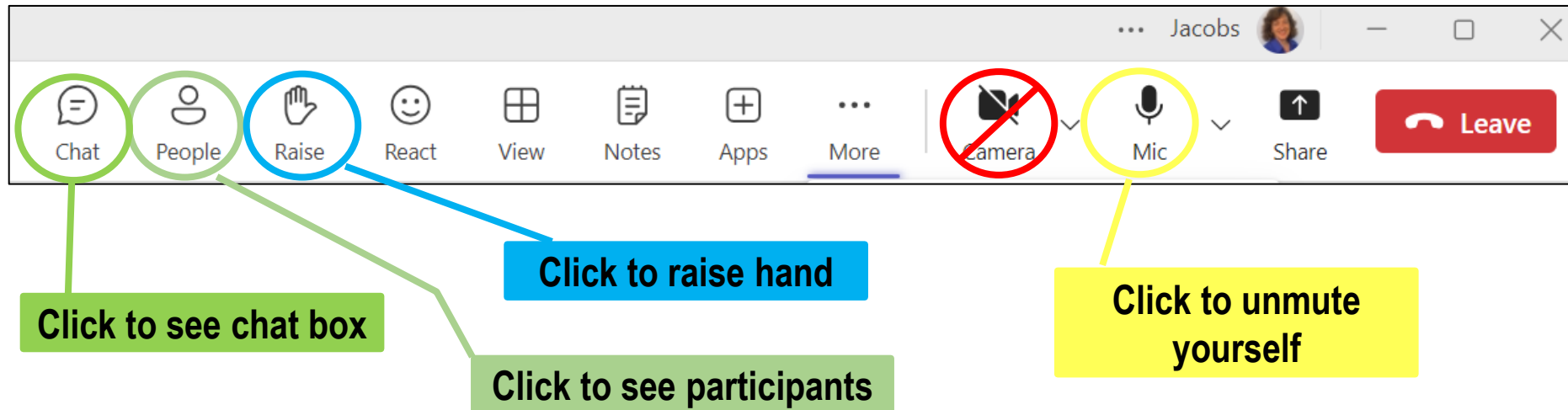


- RAB Members
 - Ask questions at the end of each topic
 - Raise hand to be called on to speak
 - Introduce yourself so that everyone (in room and online) knows who is speaking
 - Please observe a 2-minute limit to enable other RAB members to participate.
- Public Participants
 - Hold questions to the end of the meeting
 - In the room, raise hand and introduce yourself when called on
 - Online, submit questions through the “chat feature”
 - Questions will be read and addressed at the end of the meeting



MS Teams - Computer

- Camera – **Turn OFF** to save bandwidth – presentation will be on screen
- Participants – On the lower right, click on **Participants** to open panel
- To ask a question:
 - RAB Members - **Raise hand** to be called on to speak, **unmute** yourself when called on
 - Public participants – Use **Chat** to type your question





MS Teams Basics – Telephone Participants



- Follow along on the slide presentation (emailed or download from 104th Fighter Wing website at <https://www.104fw.ang.af.mil/About/Restoration-Advisory-Board/>)
- Use your phone mute button when not speaking
- Dial *5 to raise hand to be called on to speak after the presentation
 - Use *6 or your phone mute button to unmute and identify yourself when asking a question or making a comment
- Any RAB members using a phone? Please identify at beginning of meeting



Welcome and Introductions

Kathy Hillman, Community Co-Chair

Col. David Halasi-kun, Base Co-Chair



Welcome and Introductions



Air National Guard Team

Col. David Halasi-kun (Base Co-Chair)

Robert Lewis, National Guard Bureau

Jennifer Baker, 104th FW Environmental Coordinator

Contractors: BB&E, EA, Dawson, Jacobs

Community RAB Members

Kathleen Hillman, Community Co-Chair

Mary Ann Babinski

Chris Clark

Sandi Gil

Kristen Mello

Mary O'Connell

Jane Okscin

Representative Kelly Pease

Dawn Thomas

Senator John Velis

Massachusetts Department of Environmental Protection

Caprice Shaw

Thomas Keefe

Tamara Cardona-Marek, PhD

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Welcome and Introductions



U.S. Army Corps of Engineers (USACE) Team

Amanda Martin, Project Manager/ Technical Lead

Grace Greenberg, Risk Assessor

Caitlin Brown, Project Chemist

Mike Narcisi, Wetland Ecologist/Soil Scientist

Dan Folan, PhD, PG, LSP, Geologist/Hydrogeologist

Whitney Sauvé, PE, Environmental Engineer

SRS-Battelle JV Team (USACE Contractor)

Andrew Barton, Battelle, Project Manager

James Griffin, SRS, Deputy Project Manager

Max Zelenevich, Field Lead

Contractors

Tom Barzyk, BB&E

Emma Kosub, Dawson

Craig Johnson, EA

Amy Brand, Kathryn Burns, Jacobs



RAB Business

Amy Brand, Jacobs

Robert Lewis, National Guard Bureau

Emma Kosub, Dawson



Technical Assistance for Public Participation (TAPP) Grant

- FY24 TAPP Grant (#2)
 - Final Document and Presentation provided to RAB 06/30
- FY25 TAPP Grant (#3)
 - Approved for funding;
 - PWS prepared and with contracting



RAB Business

- Meeting summary – comments and approval
- Upcoming meetings
 - Fourth Thursday of the month, every 3 months: January, April, July, October
 - Adjustments to be made when needed
 - Upcoming meetings: October 23, 2025
 January 29, 2026 (note, 5th Thursday)
 April 23, 2026
 July 23, 2026



Barnes ANGB Community Involvement Plan (CIP) Update

Emma Kosub
Project Manager
DAWSON



Barnes ANGB CIP Update



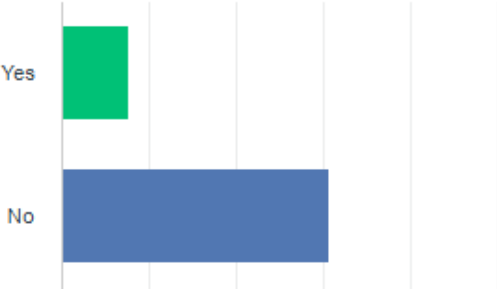
- Current Activities:
 - CIP Finalized on July 1, 2025
 - Will be uploaded to Administrative Record and available to the public
- Final CIP Overview:
 - Interview Methodology:
 - Virtual interviews 12/20/24-2/25/25
 - 39 local contacts were contacted via email
 - RAB members were encouraged to participate and share the survey at 1/30/25 RAB meeting
 - Barnes ANGB posted and reposted to the 104th Fighter Wing Facebook page sharing to over 18,000 followers
 - 13 responses were collected



Barnes ANGB CIP Update

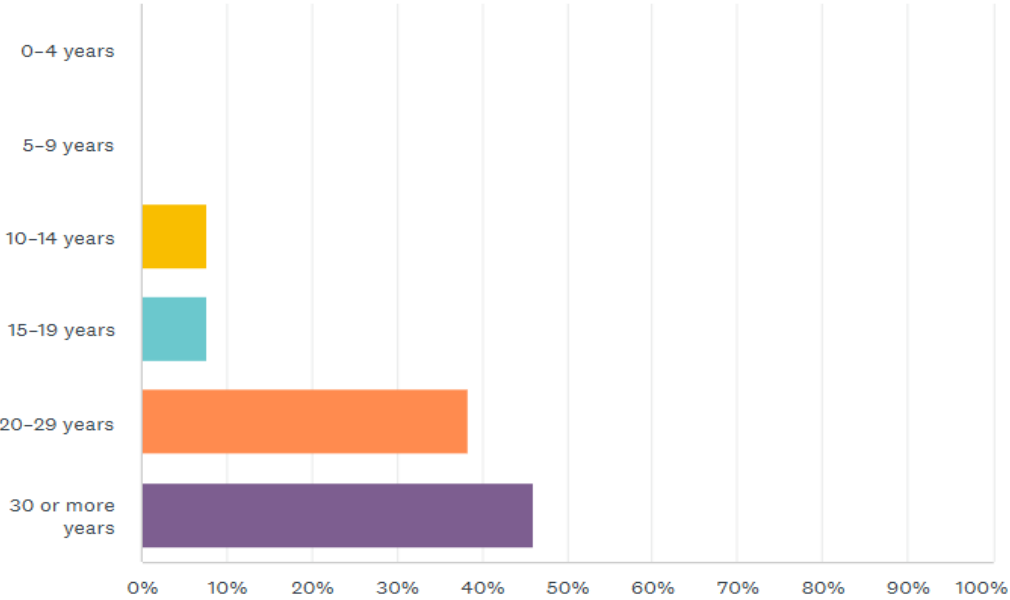
Have you or a family member ever worked at Barnes ANGB? If so, when?

Answered: 13 Skipped: 0



How long have you lived and/or worked in the area?

Answered: 13 Skipped: 0

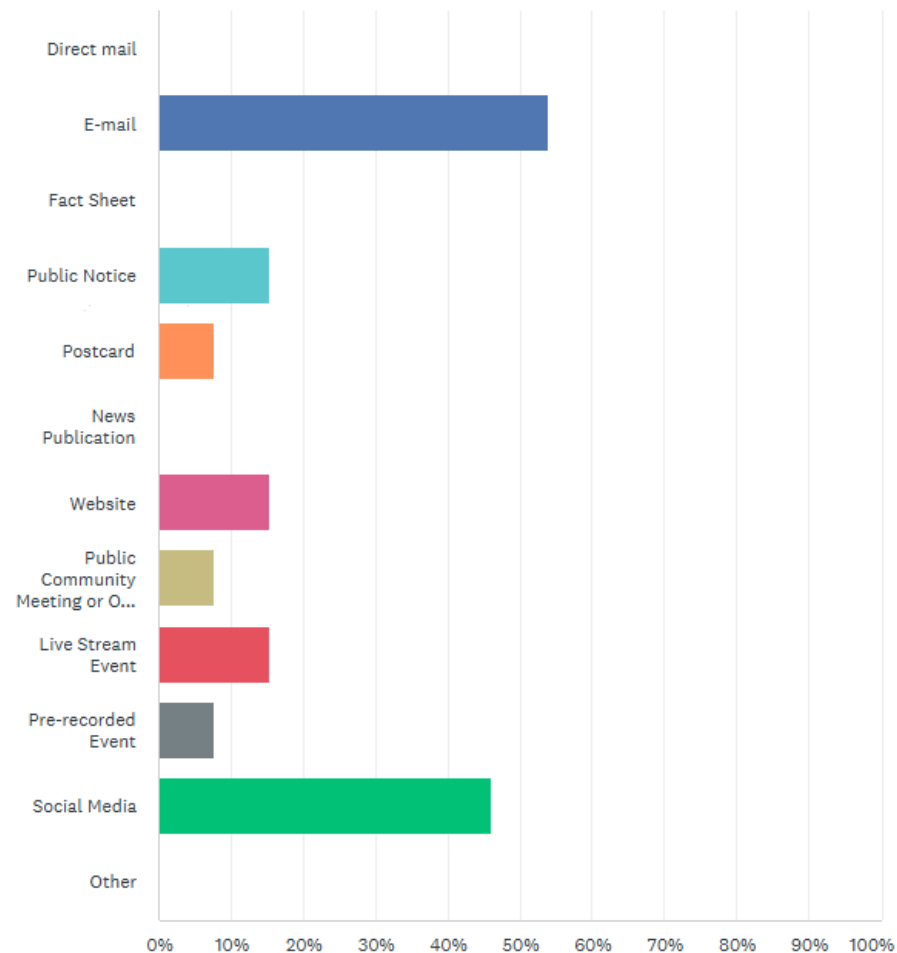




Barnes ANGB CIP Update



- Communication Preferences:
 - Preferred method for receiving information about environmental projects: Email, social media, public notices, website updates, and a livestream event if one were to be offered.
 - Preference indicated sharing ERP updates on a quarterly basis, which aligns with RAB meeting frequency.





Barnes ANGB CIP Update

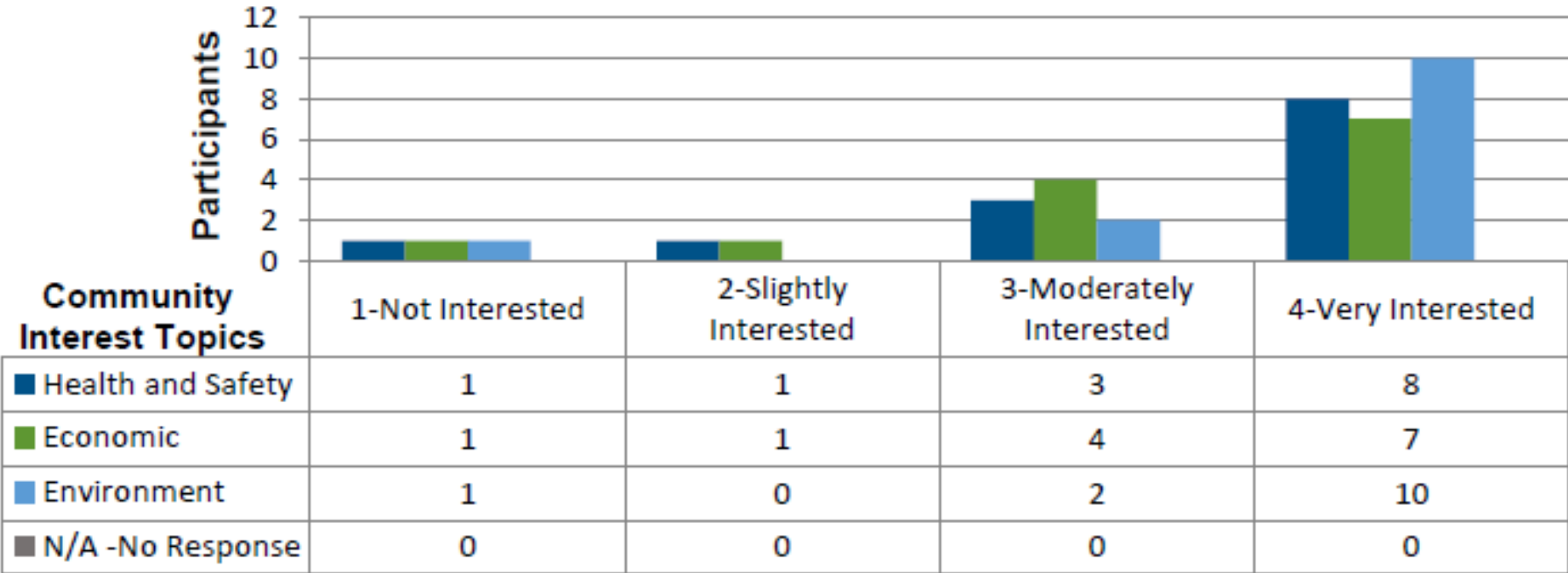
- Interview Results Continued:
 - December 2024 through February 2025 interview respondents indicated that most were not aware of the RAB at Barnes and have not yet attended a meeting.
 - When asked how to improve RAB meetings at Barnes ANGB, no comments were received.
 - No additional comments were requested from respondents specific to the ERP at this time.



Barnes ANGB CIP Update

- Below are aspects of the ERP that interest respondents:

Figure 4 Community Interview Results





Barnes ANGB CIP Update



- Final CIP Overview:

- Ongoing and Anticipated Activities:

- Establishing points of contact – PAO/RPM;
 - Maintaining AR website and IR;
 - Distributing Fact Sheets as needed;
 - Maintaining mailing lists of interested groups, individuals, local media and federal, state and local officials;
 - Placing public notices in local newspapers to announce public comment periods, public meetings, and other pertinent information; and
 - Participating in RAB meetings and/or public meetings.



Barnes ANGB CIP Update



- Upcoming Activities:
 - Tentative next CIP update expected 2027
 - Please share recommendations for future CIP updates:
<https://www.surveymonkey.com/r/Barnesupdate>

Points of contact for Barnes ANGB:

Public Affairs Officer Email:

Jerry Hewitt jerry.hewitt@us.af.mil

Support Contractor Point of Contact:

Emma Kosub: ekosub@dawsonohana.com



RAB Member Discussion



- Please raise your hands and unmute yourself when recognized.
- Introduce yourself at the beginning of your question or comment.
- Please limit questions to 2 minutes to give other RAB members an opportunity to participate.



Barnes Non-AFFF Due Diligence

Robert Lewis
National Guard Bureau
Craig Johnson
EA



Barnes ANGB non-AFFF PFAS Due Diligence



The Team

- U.S. Army Corps of Engineers (USACE), Omaha District
- Air National Guard (ANG)
- EA Engineering, Science, and Technology, Inc., PBC (under contract to USACE)

Project Objectives

- Determine whether and where potential sources of PFAS other than AFFF, were stored, handled, used or released
- Identify if a potential PFAS release warrants further investigation or if no further PFAS investigation, study, or cleanup is warranted

Project Tasks

- Conduct historical records search of documents such as Environmental Baseline Surveys
- Interview personnel familiar with the history and operations of the base
- Determine if potential or identified releases of PFAS due to ANG activities require additional investigation
- Prepare research reports for each ANG installation



Barnes ANGB non-AFFF PFAS Due Diligence



Research Summary:

- Administrative Record Documents digitally searched 658 documents/reports, reviewed other applicable documents, 11 primary documents evaluated
- Over 113 shops/locations within Barnes ANGB
- Barnes ANGB Environmental Manager was interviewed
- 5 shops/locations recommended for further evaluation

Schedule

- Draft Due Diligence Report February 28, 2025
- Draft Final Due Diligence anticipated August 2025
- Final Due Diligence anticipated late 2025



RAB Member Discussion



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Environmental Restoration Program Status Update

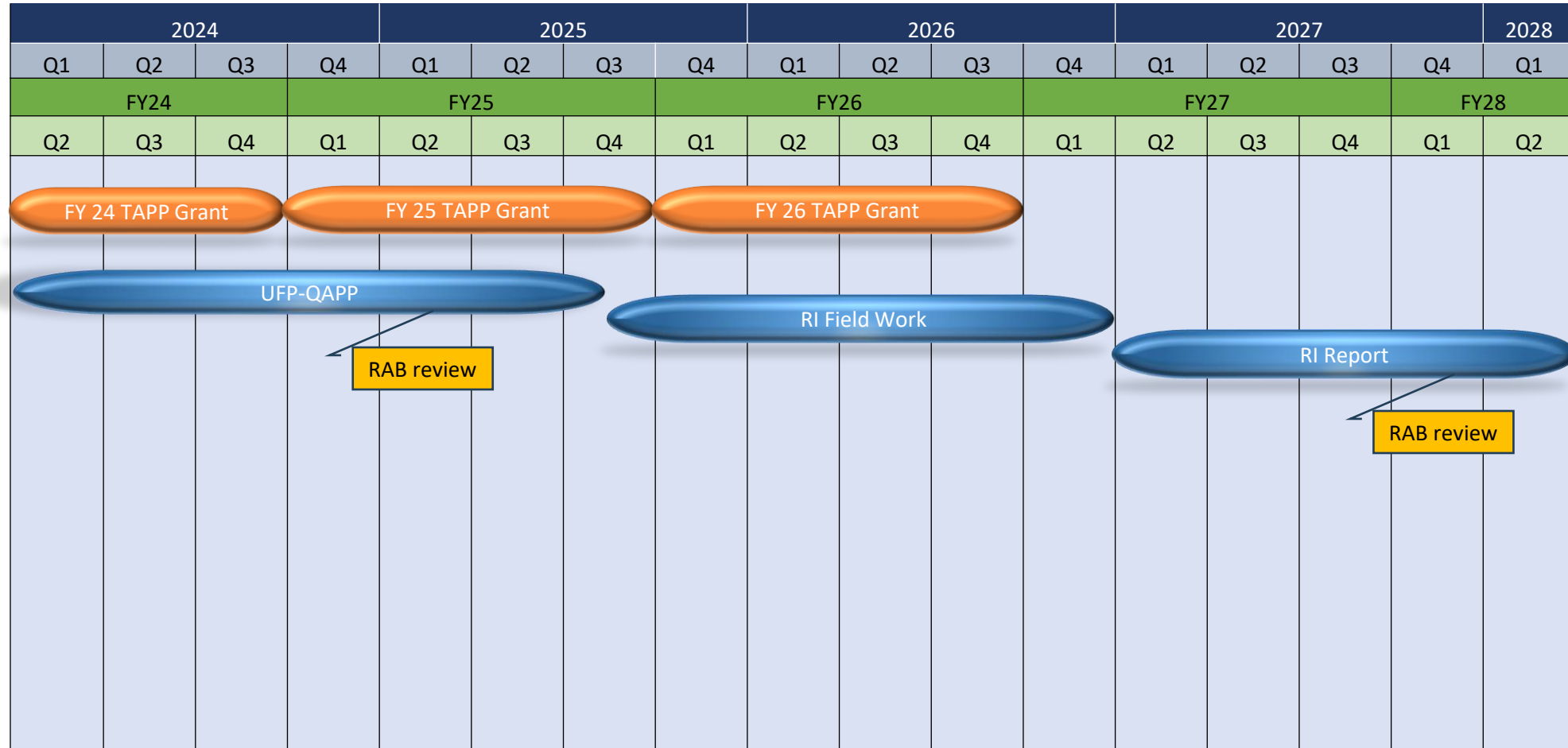
Robert Lewis
National Guard Bureau
Remedial Project Manager



Environmental Restoration Program



- Site 2 Current Status
 - Draft Final Permanent Solution Statement (PSS)
 - Activity and Use Limitation (AUL) agreed upon with city
 - A Lease Amendment signed with city
- PFAS Remedial Investigation (RI)
 - Final UFP-QAPP forthcoming in July 2025
 - Start of field sampling activities pending Access Agreements





Project Fieldwork Scope

- Site Access Agreements
- Permit compliance
- Utility location
- Surface soil sampling
- Subsurface soil sampling
- Surface water and sediment sampling
- Vertical aquifer sampling (groundwater)
- Groundwater monitoring well installation
- Borehole geophysical logging
- Piezometer installation
- Monitoring well development
- Groundwater sampling
- Groundwater and surface water elevation monitoring
- Location surveying
- Habitat assessment
- Investigation-derived waste management and disposal
- Field record management and reporting

Green = in progress

Yellow = next steps

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Project Fieldwork Schedule

Activity	Schedule
Access agreements & permits	Ongoing
Utility location	August 2025
Surface soil sampling, round 1	August 2025
Background surface soil sampling	August-September 2025
VAS	August-September 2025
Surface soil sampling, round 2	October-November 2025
Subsurface soil sampling, round 1	October-November 2025
Subsurface soil sampling, round 2	January-February 2026
Monitoring well installation	August 2025-January 2026



Project Fieldwork Schedule

Activity	Schedule
Groundwater sampling, round 1	May 2026
Groundwater sampling, round 2	October-November 2026
Piezometer installation	October 2025
Surface water/ sediment sampling, round 1	October 2025
Surface water/ sediment sampling, round 1	May 2026
Habitat Assessment	May 2026



PFAS RI Site Layout

- AOC 1 – Former Fire Training Area
- AOC 2 – Former Fire Training Area
- AOC 3 – Stormwater Drainage Basin
- AOC 4 – Hangars 27A and 27B
- AOC 5 – Former Fire Station
- AOC 6 – Current Fire Station
- AOC 7 – Hush House
- AOC 8 – Fire Department Equipment Test Area



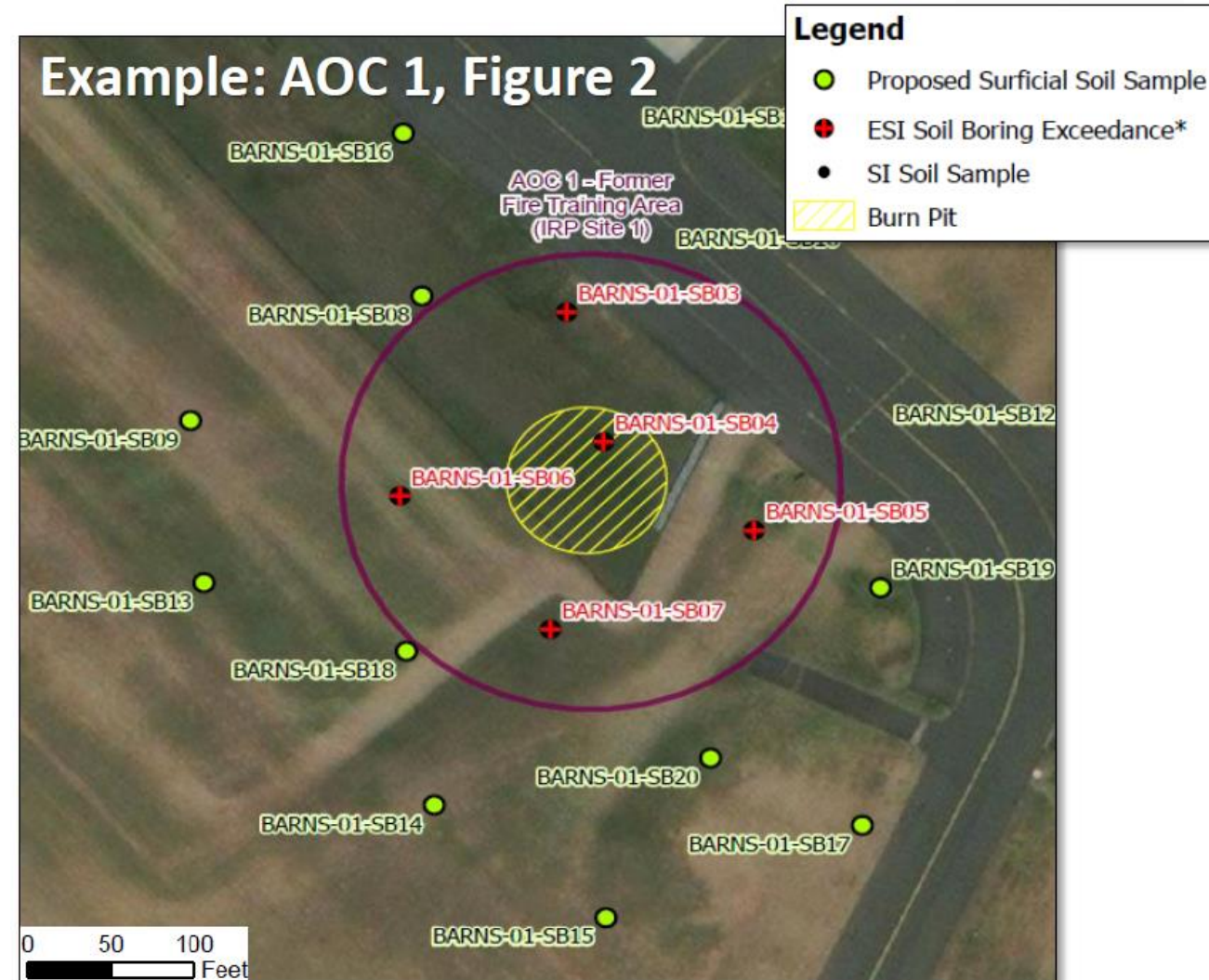


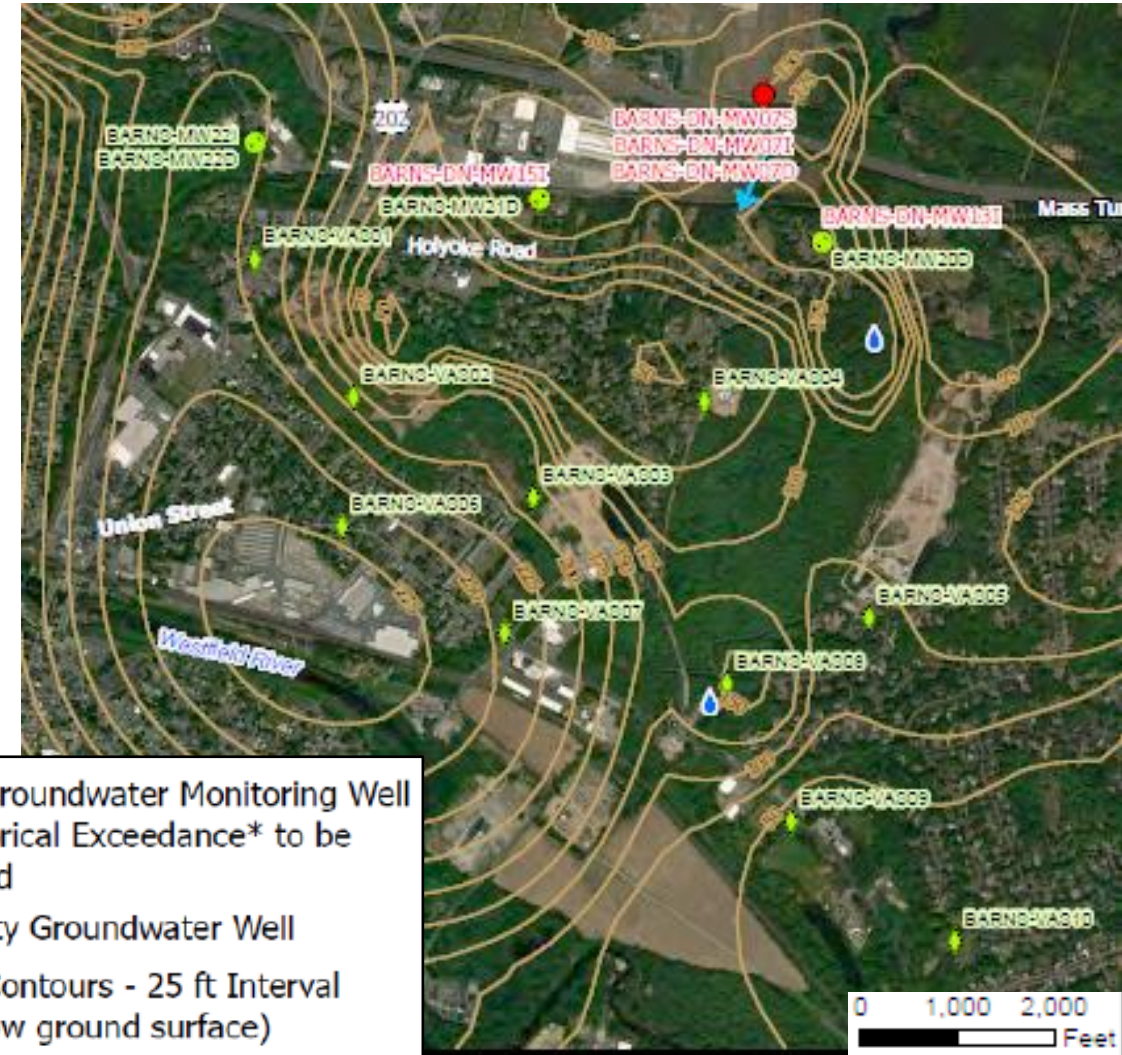
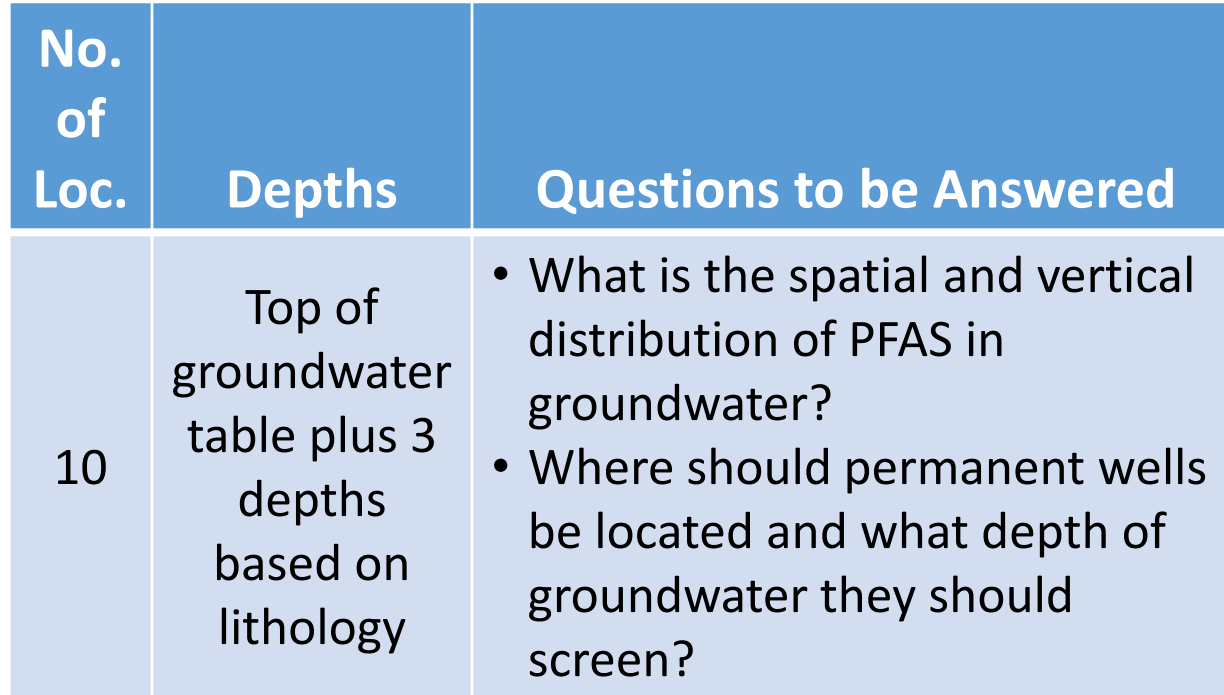
Soil Sampling



Area	No. of Samples	Questions to be Answered
AOC 1	13	<ul style="list-style-type: none"> Where did releases of materials containing PFAS occur? Where and at what concentrations are PFAS present in soils now?
AOC 2	10	
AOC 3	8	
AOC 4	8	
AOC 5	10	
AOC 6	10	
AOC 7	11	
AOC 8	10	<ul style="list-style-type: none"> What are background levels of PFAS in soil?
Background	10	

Note: Subsurface soil borings will be drilled based on surface soil results







RAB Member Discussion



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Public Questions and Comments



In person: Raise hand to be recognized
Online: Submit questions using chat



Contact Information



104th Fighter Wing, Barnes Air National Guard Base

Base Co-Chair
Commander
Col. David Halasi-kun

Environmental Manager
Jennifer Baker

Public Affairs Manager
Jay Hewitt
(413) 568-9151 x 698-1202
Jerry.hewitt@us.af.mil

Community Co-Chair

Kathleen Hillman khillman179@gmail.com

RAB members, please submit questions and comments through your Community Co-Chair

National Guard Bureau

Program Manager
Robert Lewis
(240) 612-8473
robert.lewis.100.ctr@us.af.mil

Massachusetts Department of Environmental Protection

Caprice Shaw
(413) 540-6253
Caprice.shaw@mass.gov



Websites for More Information



Environmental Restoration Program at 104th Fighter Wing

- General and Links to PFOS/PFOA Information: <https://www.104fw.ang.af.mil/About/Environmental/>
- Restoration Advisory Board: <https://www.104fw.ang.af.mil/About/Restoration-Advisory-Board/>

Relative Risk Site Evaluation (RRSE)

- Barnes RRSE: https://www.104fw.ang.af.mil/Portals/5/Barnes_RRSE%20Fact%20Sheet%20and%20Scoring%20Summaries_211215.pdf
- RRSE Primer: https://www.denix.osd.mil/references/dod/policy-guidance/relative-risk-site-evaluation-primer/RRSE_Primer_Summer1997.pdf

104th Fighter Wing Environmental Administrative Record

- <https://ar.afcec-cloud.af.mil/Search.aspx> (Select ANG radio button, select Barnes, and click on search)

MassDEP PFAS Information

- <https://www.mass.gov/info-details/per-and-polyfluoroalkyl-substances-pfas>

Westfield Water Department PFAS Information

- <https://www.cityofwestfield.org/672/PFCs-Information-Updates>

RAB Rule Handbook and Information on Technical Assistance for Public Participation

- <https://www.denix.osd.mil/rab/home/>

Air Force Response to PFOS and PFOA

- <https://www.afcec.af.mil/WhatWeDo/Environment/Perfluorinated-Compounds/>



Closing Remarks

Kathleen Hillman
Col. David Halasi-kun



Adjourn