



U.S. ARMY

# Qawalangin (regional) Formerly Used Defense Sites (FUDS) Restoration Advisory Board (RAB) Meeting



US Army Corps  
of Engineers®

Amaknak, Chernofski, Cape Wislow, Fort Learnard, and Ugadaga Bay FUDS

6:00-8:00 PM

Wednesday, February 21, 2024

Unalaska Public Library  
64 Eleanor St, Unalaska, AK

Join Zoom Meeting

<https://us06web.zoom.us/j/84566582028?pwd=Py4Qv09Q5Dm3scfbZgrp0naf32behl.1>

Meeting ID: 845 6658 2028

Passcode: 760593

Call in:

Dial 1-646-568-7788

Enter 845 6658 2028 # (meeting ID)

Enter # (Personal ID, # to skip)

Enter 760593 # (Passcode)

Trouble connecting?  
Please contact the  
meeting Technology  
Coordinator  
Laresa Syverson  
907-359-7188

## AGENDA

5:50-6:00 PM Pre-meet and greet, and technology check/troubleshoot

1. 6:00 – 6:15 Welcome and Introductions

a. Opening Remarks

b. Roll Call/Quorum

<input type="checkbox"/>	Alyssa K McDonald, Community Co-Chair
<input type="checkbox"/>	James (Jim) T Paulin
<input type="checkbox"/>	Elise Contreras
<input type="checkbox"/>	Okalena Patricia Lekanoff Gregory
<input type="checkbox"/>	Kale Bruner
<input type="checkbox"/>	David M Gregory
<input type="checkbox"/>	Michael Tutiakoff
<input type="checkbox"/>	Ben Leon-Guerrero
<input type="checkbox"/>	Rena B Flint, USACE Co-Chair

c. Meeting Goals and Objectives

2. 6:15 – 6:20 Revise/Adopt November 8, 2023 Minutes



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## **Qawalangin (regional) Formerly Used Defense Sites (FUDS) Restoration Advisory Board (RAB) Meeting**



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6:00-8:00 PM

Wednesday, February 21, 2024

3. 6:20 – 6:35 March 1, 2023 RAB Operating Procedures
  - a. Review frequency
  - b. RAB Membership/Recruitment
4. 6:35 – 6:50 Local Updates/Community Introductions/Public Comment
5. 6:55 – 7:00 City of Unalaska Brownfields Advisory Board Update (Thomas Roufos)
6. 7:00 – 7:05 Break
7. 7:05 – 7:20 Chernofski Harbor Supply and Storage Site FUDS Archaeology Update (Kelly Eldridge/Wendy Hansen)
8. 7:20 – 7:30 Amaknak FUDS update (Melissa Scully)
9. 7:30 – 7:40 Fort Learnard FUDS update (Jeremy Craner/Forrest Kranda)
10. 7:40 – 7:55 Review Next Meeting Dates/Identify Next Steps
  - a. Next RAB Meeting: Hybrid (In-person and Virtual), May (Wednesday)
    - i. May 15, 22, 29
    - ii. Keep in mind:
      - 4<sup>th</sup> week of every month City Council, OC Board, and Q Tribe Council meetings
      - Federal holidays (Memorial Day May 27)
      - Any other conflicts?
  - b. Next Steps/Action Item Review
11. 7:55 – 8:00 Other Announcements/Unplanned Items/Open Discussion
  - a. Recap of Old Business/New Business
12. 8:00 Closing Remarks, Adjourn



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US Army Corps  
of Engineers®

Amaknak, Chernofski, Cape Wislow, Fort Learnard, and Ugadaga Bay FUDS

6:00-8:00 PM

Wednesday, February 21, 2024

### Contact Information

- a. U.S. Army Corps of Engineers – Alaska District  
Public Affairs Office  
(907) 753-2520, [Public.affairs3@usace.army.mil](mailto:Public.affairs3@usace.army.mil)
- b. Qawalangin (regional) FUDS RAB USACE Co-chair  
Rena Flint, USACE Alaska District FUDS Program Manager  
(907) 753-5647, [Rena.B.Flint@usace.army.mil](mailto:Rena.B.Flint@usace.army.mil)
- c. Amaknak FUDS  
Melissa Scully, USACE interim Project Manager  
(907) 753-5787, [Melissa.K.Scully@usace.army.mil](mailto:Melissa.K.Scully@usace.army.mil)
- d. Cape Wislow FUDS  
Forrest Kranda, USACE Project Manager/Archaeologist  
(907) 753-2736, [Forrest.J.Kranda@usace.army.mil](mailto:Forrest.J.Kranda@usace.army.mil)
- e. Chernofski FUDS  
Wendy Hansen, USACE interim Project Manager  
(907) 753-2755, [Wendy.M.Hansen@usace.army.mil](mailto:Wendy.M.Hansen@usace.army.mil)
- f. Fort Learnard FUDS  
Jeremy Craner, USACE Project Manager  
(907) 753-2628, [Jeremy.D.Craner@usace.army.mil](mailto:Jeremy.D.Craner@usace.army.mil)
- g. Ugadaga Bay FUDS  
Richard Ragle, USACE Project Manager  
(907) 753-2683, [Richard.A.Ragle@usace.army.mil](mailto:Richard.A.Ragle@usace.army.mil)



US Army Corps  
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Alaska District

# DRAFT Meeting Minutes

**Subject:** Qawalangin (regional) Formerly Used Defense Sites (FUDS) Restoration Advisory Board (RAB) Meeting

Amaknak, Chernofski Harbor Supply and Storage Site, Cape Wislow AWS Station, Fort Learnard, and Ugadaga Bay Station

**Date:** Wednesday, November 08, 2023

**Time** 6:00-8:00 PM

**Location:** City Council Chambers  
43 Raven Way, Unalaska, AK

**Attendees:** **RAB Members Present:**  
Alyssa K. McDonald, Community Co-Chair (virtual)  
Elise Contreras (virtual)  
Kale Bruner (by phone)  
Ben Leon-Guerrero (virtual)  
Rena B Flint, USACE Co-Chair (virtual)

**RAB Members Not Present:**  
James (Jim) T Paulin (excused)  
Okalena Patricia Lekanoff Gregory  
David M Gregory  
Michael Tutiakoff

**In person Attendees:**  
Douglas Quist (Stantec)  
Ellis Berry  
Natalie Cale (OC)  
Thomas Rufous (City of Unalaska)  
Theo Greenly (KUCB)  
Vince Tutiakoff (City/OC)  
Jason Westenskow (OCE)  
Laresa Syverson (OC)

**Virtual Attendees (26):**  
Beth Astley (USACE)  
Brent Lucyk  
Caryn Orvis (Ahtna)  
Cascade Galasso-Irish (ADEC)  
Denise Rankin (Ounalashka Corporation)  
Donna Van Flein (OCE)  
Forrest Kranda (USACE)  
Jennifer Anderson (Aleut Remediation)  
Jeremy Craner (USACE)  
Karen Pletnikoff (APIA)  
Kenneth Andraschko (EPA)  
Levi Collins (EA Engineering)  
Mandy Salimen (Qawalangin Tribe of Unalaska)  
Melissa Scully (USACE)  
Natasha Albee (Qawalangin Tribe of Unalaska)  
Nikita Somov  
Piama R. Oleyer  
Sara Hadden (Aleut Remediation)  
Richard Ragle (USACE)  
Wendy Hansen (USACE)



DRAFT Meeting Minutes Qawalangin (regional) FUDS RAB  
Wednesday, November 8, 2023

1. Welcome and Introductions
  - a. Rena kicked off the meeting with opening remarks and started recording the meeting for note taking purposes.
  - b. Roll call conducted.
    - i. With five (5) there is a quorum.
  - c. Meeting Goals and Objectives
    - i. Rena reviewed the agenda.
2. Revise/Adopt August 2, 2023 Minutes
  - a. Rena asked for a motion to Revise/Adopt August 2, 2023 Minutes
  - b. Alyssa motioned to adopt minutes from August 2, 2023. Elise seconded the motion to adopt minutes from August 2, 2023.
  - c. Rena also stated that those meeting minutes were provided in the meeting materials as well as posted on the U. S. Army Corps of Engineers public website.

**Decision: Adopt August 2, 2023 minutes as written.**

3. Local Updates/Community Introductions/Public Comment
  - a. Rena requested Thomas to facilitate any kind of introduction for those in the room.
  - b. Thomas also asked for anyone in the room to sign in. There were no introductions.
  - c. Rena asked for anyone on the phone or virtually to come off mute that wanted to.
    - i. Karen Pletnikoff with the Aleutian Pribilof Islands Association (APIA) thanked the RAB for being so active and for covering sites past Unalaska Island and for getting so much accomplished. Karen also stated that APIA is interested in two things that came out of the environmental justice listening session with the Department of Energy and some other participants, including USACE. She thanked the USACE team for bringing leadership to listen. First, they note that it has been since 2004 since the region has made a formerly used defense sites (FUDS) priority list. They think it's a good time to consider revisiting that list, to see what progress has been made on those sites and talk about whether or not it is time to offer a new set of priority sites or to potentially even prioritize if that was what the body wanted. Separately, they are interested in following up in partnership with the Aleut corporation on greater environmental justice initiative for the region that has been so impacted by activities. The environmental justice throughout the region is something that they're interested in and doesn't have a direct funding source at this time, but it would certainly be something that we could work on through EPA gap programs and search for other funds.
    - ii. Mandy Salimen introduced herself as the Environmental Program Director the Qawalangin Tribe of Unalaska.
    - iii. Ken Andraschko introduced himself as the contaminated ANCSA sites coordinator for the EPA. Ken will add his contact info to the chat for anyone with question about the program (see below).
    - iv. Richard Ragle introduced himself as the FUDS program manager for Ugadaga Bay



DRAFT Meeting Minutes Qawalangin (regional) FUDS RAB  
Wednesday, November 8, 2023

- v. Cas, DEC project manager for sites in Unalaska, introduced herself and gave props to the City and Ounalashka Corporation for all of the hard work to get cleanup funding to cleanup sites.
  - vi. Natasha Albee introduced herself as a new Qawalangin Tribe employee.
4. City of Unalaska Brownfields Advisory Board Update
- a. Thomas Roufos gave the announcement that they have approval of the Quality Assurance Project Plan (QAPP) as of today. He also briefed that they recently had a productive meeting with Qawalangin Tribe about Unalaska Lake, and they are hoping to collaborate to survey the lake.
  - b. Doug Quist, chemist and environmental scientist over at Stantec, gave an update including details on programmatic QAPP approval, area-wide Regulated Building Survey Program, eligibility determinations (EDs) within the Brownfields Program were completed for Strawberry Hill and for Pyramid Valley, and finalizing web based inventory of all of the digitized features.
  - c. Alyssa asked how many quonset huts in town are being utilized? Doug stated that it's not just limited to Quonset huts. Quonset huts and cabanas are included in the inventory that is being developed. Alyssa also asked if the city will be in contact with the owners? Some are inhabited and she wondered if they will be tested for issues that may be present. Thomas answered that the City Planning Department will be doing the outreach for that. The testing will be voluntary to the owners, and renters would have to ask property owners for permission. Alyssa asked if the property owners will have some sort of help in mitigating that damage? Thomas answered that the goal is to use the survey research to apply for other funding and timeframe will depend on funding.
  - d. Theo also asked about the Light Detection and Ranging (Lidar) and what the next steps are after that, specifically timeline wise. Thomas answered hopefully, sometime next summer to be flying the drone and doing the bathymetry. The goal is to work with the Tribe's program to utilize their money for mobilization and possibly combine projects and programs with similar scopes.
  - e. Rena also said that the Amaknak FUDS has a Lidar need in the future for the Military Munitions Response Program (MMRP) remedial investigation, so perhaps we could try to sync the programs. Thomas asked Rena to follow up with what area FUDS is planning to looking at. Rena indicated Amaknak Island would be the initial focus.
  - f. Doug added that there was some talk about potentially including an infrared survey. They've had great success using infrared and Lidar in combination in the past for identifying sites, temperature gradients, seeps, preferential pathways for contamination, and identifying potential locations for sampling and or remediation.

**Action item: Rena will follow up with Thomas about the area Amaknak FUDS has planned for Lidar.**

5. Alaska Public Media Video about the Unalaska Valley Cleanup
- a. Theo Greenly (KUCB and channel 8 TV) has been doing stories on FUDS program in general and Amaknak FUDS the last few years. Alaska Public Media, specifically the show Alaska Insight, reached out to collaborate on a story about primarily the Ski Bowl site (Amaknak FUDS Unalaska Valley UST 3260). It is going to be about four and a half minutes long segment which goes into a panel discussion. Rena may be a panel guest for the



DRAFT Meeting Minutes Qawalangin (regional) FUDS RAB  
Wednesday, November 8, 2023

discussion. The release of the story has been pushed back to an upcoming Friday, possibly 17 November.

- b. Rena added that at the Unalaska Valley Ski Bowl site the excavation was completed, super sacks of contaminated soil were transported to the disposal facility and the fieldwork is complete.
- c. Ben asked if Theo could track the release date of the Alaska Public Media segment and send an update. Theo answered that it will air locally and will be posted on the KUCB website. He will also send a link out the RAB email list when it is available.
- d. Theo also asked what the status was on the rest of the Unalaska Valley sites. Rena stated that they will make a final recommendation in the report for decommissioning of a handful of monitoring wells, and if approved, they will come back out and do monitoring well decommissioning sometime in 2024.

**Action item: Theo will email a link to the story to the RAB/email list when it is available.**

- 6. Rena motioned to take a five-minute break from 1843 to 1848.
- 7. Fiscal Year 2024 (FY24) Look Ahead Chernofski Harbor Supply and Storage Site FUDS
  - a. Wendy Hansen (technical lead and acting project manager) gave a presentation that included:
    - i. Vicinity map showing location of Chernofski Harbor, particularly relative to Dutch Harbor.
    - ii. A brief recap of the 2022 field work and presentation that occurred during the May 2023 RAB meeting. This included a map of various locations visited during the field effort, a big picture overview that five batteries, three tanks, thirteen drum remnants, 3,200 tons of contaminated soil (largely petroleum), and 1,200 feet of fuel pipeline were removed across the Chernofski Harbor projects in 2022. In addition, a large investigative effort took place that included inspecting WWII building footprints for the presence of batteries and collecting soil samples, installation of approximately 260 screening probes, 200 soil borings and thirty-seven groundwater monitoring wells, and the collection of sediment and porewater samples at tank sites. It was also announced that the after-action report for these activities and a newly drafted Community Relations Plan will soon be sent to the Unalaska library where the documents will be available for public viewing.
    - iii. An update on Containerized Hazardous, Toxic and Radioactive Waste (CON/HTRW) projects (i.e., drums; tanks; batteries): a) Investigation and removal of paint cans and batteries across Chernofski Harbor is complete. b) A Decision Document is now required and planned to address petroleum contamination that remains. The project team will request funding once we have worked through that process and approval is obtained. Field work might occur as early as fiscal year 2025 or 2026.
    - iv. Future planning includes a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Remedial Investigation/ Feasibility Study (RI/FS) to address non-petroleum contamination at Chernofski Harbor.
    - v. An Archaeological Update (high level):
      - a) USACE lead archaeologist Kelly Eldridge is tracking progress for the Memorandum of Agreement (MOA) deliverables.
      - b) Old Chernofski Village Report was finalized in March of 2022. Stakeholders were



## DRAFT Meeting Minutes Qawalangin (regional) FUDS RAB Wednesday, November 8, 2023

provided hardcopies in March of 2023. The distribution list included the Alaska State Library and Museum of the Aleutians where the public should be able to access the document.

- c) A draft of the Chernofski Harbor World War II District Historical Report was sent to stakeholders via DoD SAFE 12 October 2023. USACE has requested comments by 24 November 2023 and anticipates finalizing the document by 31 December 2023. If parties to the MOA do not have the document and would like a copy, please let Wendy Hansen or Kelly Eldridge know so a new link for download can be provided.
  - d) A draft report for UNL-160 is in progress.
  - e) Artifacts Update: Artifacts excavated in 2019 are at the Museum of Aleutians. Those removed in 2022 are at USACE in Anchorage for analysis and will be accessioned to the Museum of Aleutians.
8. FY24 Look Ahead Fort Learnard FUDS
- a. Jeremy Craner gave a quick update on the MMRP project at Fort Learnard FUDS.
  - b. USACE will continue to provide documents for review as they work through the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) cleanup process.
  - c. Next Systematic Project Planning (SPP) and community meetings are planned for May 2024.
9. FY24/25/26 Look Ahead Ugadaga Bay Station FUDS
- a. Richard Ragle introduced himself and gave a brief overview of Ugadaga Bay including background and where the project is in the CERCLA process.
  - b. Natalie Cale (OC) asked why there was so much lag time between Preliminary Assessment/ Site Inspection (PA/SI) and RI.
  - c. Richard answered that there are limited resources and energy was focused on sites within populated areas of the island.
  - d. Rena added that there was also a right-of-entry issue due to a landowner lease in 2019 and limited ability to narrow the project scope at that time that added to the delay.
10. FY24 Look Ahead Cape Wislow AWS Station FUDS
- a. Forrest Kranda gave a brief look ahead at what is planned for 2024 including a site background, pending results, and reporting.
11. FY24 Look Ahead Amaknak FUDS
- a. Rena Flint gave an overview on each of the eleven (11) projects in Amaknak FUDS.
12. RAB Membership Changes/ Recruitment
- a. Denise Rankin has resigned from the RAB as of October 1, 2023.
  - b. Thomas Rufous has volunteered to join the RAB and will be submitting an application. He suggested that some of the regular meeting attendees apply to be on the RAB. It may also be a good idea to reach out to RAB members that have not been participating and see if they would have someone in mind to take over their responsibilities.
  - c. Alyssa has been working on potential recruitment and can make a PSA announcement on



DRAFT Meeting Minutes Qawalangin (regional) FUDS RAB  
Wednesday, November 8, 2023

KUCB.

- d. Denise thought it would be a good idea to have a community youth on the board.
- e. Karen Pletnikoff asked if Qawalangin Tribe of Unalaska had been represented on the RAB. It was confirmed that there is a current Qawalangin Tribe of Unalaska RAB member, Elise.

13. Review Next Meeting Dates/Identify Next Steps

- a. Rena discussed that the next RAB Meeting would be Hybrid (In-person and Virtual) in February and on a Wednesday. Options could be February 7, 14, 21. She also reminded the RAB of potential conflicts: 4th week of every month City Council, OC Board, and Q Tribe Council meetings, Feb 5-9 is Alaska Forum on the Environment, and Feb 19 is Washington's Birthday.
- b. Rena asked for a motion to select a date for the next meeting. Alyssa made a motion for February 21, 2024. Elise seconded the motion. Alyssa added that she and Rena should get together to talk about how the PSA should be worded.

**Decision: The next meeting is scheduled for 21 February 2024**

**Action: Alyssa and Rena will get together to create a PSA for recruitment.**

c. Next Steps/Action Item Review

- i. Mel reviewed action items.

14. Other Announcements/Unplanned Items/Open Discussion

- a. Recap of Old Business/New Business
  - i. Ellis Berry added that Sofia does 'Island Interviews' on KUCB if the board wanted to reach out to schedule something with her (may help with recruitment and outreach). He may volunteer to join the RAB. Rena will send membership information.
  - ii. Karen Pletnikoff added that if anyone was interested in the regional planning effort/ individual priorities list, they would be happy to hear from them. She will add contact information to the chat (see below).
- b. Rena asked for a motion to adjourn. Alyssa made a motion to adjourn. Elise seconded the motion.

**Decision: The meeting was adjourned at 1948.**

**Action: Rena will send RAB membership information to Ellis Berry.**



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Wednesday, November 8, 2023

DECISION SUMMARY		
Decision	Motion made by	Seconded motion
Adopt August 2, 2023 minutes as written.	Alyssa	Elise
The next RAB meeting is scheduled for 21 February 2024	Alyssa	Elise
The meeting was adjourned at 1948.	Alyssa	Elise
ACTION ITEM SUMMARY		
Action	Owner	Status
Rena will follow up with Thomas about the area Amaknak FUDS has planned for Lidar.	Rena	Open
Theo will email a link to the story to the RAB/email list when it is available.	Theo Greenly	Open
Alyssa and Rena will get together to create a PSA for recruitment.	Rena/Alyssa	Open
Rena will send RAB membership information to Ellis Berry.	Rena	Closed



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## DRAFT Meeting Minutes Qawalangin (regional) FUDS RAB Wednesday, November 8, 2023

### Virtual Participant List

M	Me	
Rena Flint	Host	
7859****71		
AM	Alyssa McDonald	
BL	Ben Leon-Guerrero	
BA	Beth Astley	
BL	Brent Lucyk	
CO	Caryn Orvis	
CA	Cas Galasso ADEC	
DR	Denise Rankin	
DF	Donna Van Flein	
EC	Elise Contreras	
Forrest Kranda		
JA	Jennifer Anderson	
JC	Jeremy Craner	
KP	Karen Pletnikoff	
KA	Kenneth Andraschko	

LC	Levi Collins	
M	Mandy	
NA	Natasha Albee	
NS	Nikita Somov	
PO	Piama R. Oleyer	
RP	Richard Ragle FUDS Ugadaga PM	
SH	Sara Hadden	
UH	Unalaska City Hall	
WH	Wendy Hansen	



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## DRAFT Meeting Minutes Qawalangin (regional) FUDS RAB Wednesday, November 8, 2023

### Virtual Chat Record

Chat

from Karen Pletnikoff to everyone: 6:15 PM

Welcome, Richard!

from Kenneth Andraschko to everyone: 6:16 PM

Kenneth Andraschko, PE  
ANCSA Program Coordinator  
Alaska Operations Office  
EPA Region 10  
andraschko.kenneth@epa.gov  
(907) 271-5079  
epa.gov | epa.gov/region10

from Alyssa McDonald to everyone: 7:34 PM

Can you unmute

from Karen Pletnikoff to everyone: 7:39 PM

I was also trying to talk.

from Karen Pletnikoff to everyone: 7:49 PM

Karen Pletnikoff karenp@apiai.org 907-222-4286 looking for  
interest and direction for regional FUDS priorities list

To: Everyone

# QAWALANGIN (REGIONAL) FORMERLY USED DEFENSE SITES (FUDS) RESTORATION ADVISORY BOARD (RAB) MEETING

Amaknak, Chernofski, Cape Wislow, Fort  
Learnard, and Ugadaga Bay FUDS

Date: 21 February 2024



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# AGENDA



1. Welcome and Introductions
2. Revise/Adopt November 8, 2023, Minutes
3. RAB Operating Procedures
4. Local Updates/Community Introductions/Public Comment
5. City of Unalaska Brownfields Advisory Board Update
6. Break
7. Chernofski Harbor Supply and Storage Site FUDS Archaeology Update
8. Amaknak FUDS update
9. Fort Learnard FUDS update
10. Review Next Meeting Dates/Identify Next Steps
11. Announcements/Unplanned Items/Open Discussion
12. Contact Information and Closing Remarks, Adjourn



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# 6:00 – 6:15 WELCOME AND INTRODUCTIONS

3



a. Opening Remarks

b. Roll Call/Quorum

- Alyssa K McDonald, Community Co- Chair
- James T Paulin
- Elisa Contreras
- Okalena Patricia Lekanoff Gregory
- Kale Bruner
- David M Gregory
- Michael Tutiakoff
- Ben Leon-Guerrero
- Rena B Flint, USACE Co-Chair

c. Meeting Goals and Objectives



# 6:15 – 6:20 REVISE/ADOPT NOVEMBER MINUTES



Revise/ Adopt November 8, 2023 Minutes



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# 6:20-6:35 MARCH 1, 2023 RAB OPERATING PROCEDURES



March 1, 2023 RAB Operating Procedures:.

- Review Meeting Frequency
- RAB Members/Recruitment

# Welcome Ellis Berry

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- Interested in local remediation efforts and the impact on ecology
- Has technical and software expertise
- Enjoys hiking around Unalaska





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# 6:35-6:55 LOCAL UPDATES/COMMUNITY INTRODUCTIONS/PUBLIC COMMENT

- Local Updates
- Community Introductions
- Public Comment Place Holder



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# 6:55-7:00 BROWNFIELDS ADVISORY BOARD UPDATE



## City of Unalaska Brownfields Advisory Board Update

- Thomas Roufos, City of Unalaska



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**7:00–7:05 BREAK**



Break

# CHERNOFSKI HARBOR CULTURAL RESOURCES MITIGATION

Presenters:

Kelly Eldridge, Archaeologist  
USACE Alaska District

Wendy Hansen, Engineer  
Interim Project Manager  
Formerly Used Defense Sites

Date: 21 February 2024



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# CHERNOFSKI HARBOR FUDS MOA

11



## Mitigation Tasks:

1. Archaeological Monitoring will occur during FUDS removal actions
2. Evaluate UNL-00160's eligibility for listing in the National Register of Historic Places
3. Conduct a small archaeological excavation at UNL-00160
4. Analyze the artifacts and animal bones recovered from UNL-00160
5. Conduct an archaeological excavation at UNL-00034
6. Analyze a sample of the recovered artifacts and animal bones from UNL-00034
7. Hire Project Archaeology to develop a place-based educational curriculum centered on Unalaska Island
8. Document the remnants of the Chernofski Mess Hall (UNL-00239)
9. Document the remnants of the Chernofski Garage (UNL-00253)
10. Document the remnants of the Chernofski Tank Farm (UNL-00610)
11. Investigate historical designation and purpose of all WWII structures that contribute to the Chernofski Harbor WWII Historic District (UNL-00235)





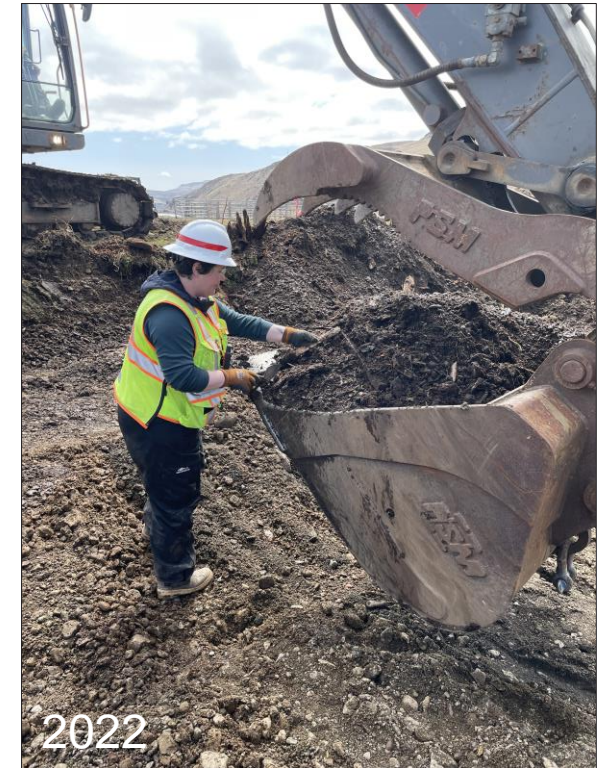
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# ARCHAEOLOGICAL MONITORING

Archaeological monitoring was conducted during FUDS investigation and removal efforts in:

- **2019** (Michael Yarborough of Cultural Resources Consultants)
- **2022** (Kelly Eldridge of USACE, Ned Gaines and Gerad Smith of Brice Environmental)





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# ARCHAEOLOGICAL EXCAVATION AT UNL-00034

13



- In **2019**, seven archaeologists with Cultural Resources Consultants conducted excavations at the Chernofski Village Site (UNL-00034) under a cooperative agreement between USACE and UAA
- In 5 weeks, they excavated 10 square meters
- The greatest depth excavated was 2 meters
- The site is likely deeper than 4.5 meters in places
- In **2019**, 7 fragments of charcoal were collected for C14 analysis
- In **2022**, 7 additional fragments of charcoal were collected for C14 analysis
- Their Final Report of Investigations was submitted to USACE on March 1, 2023





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# UNL-00034

14



Sample #	Depth Below Datum	Conventional Radiocarbon Age	Calibrated Date
Beta-637881	[monitoring]	210±30 BP	221 – 142 BP
Beta-547572	50 – 60 cm	220±30 BP	420 – 145 BP
Beta-637885	80 cm	320±30 BP	466 – 301 BP
Beta-637883	[monitoring]	340±30 BP	476 – 312 BP
Beta-637886	118 cm	390±30 BP	508 – 426 BP
Beta-553607	155 cm	470±30 BP	540 – 492 BP
Beta-637882	[monitoring]	480±30 BP	543 – 494 BP
Beta-637884	[monitoring]	510±30 BP	554 – 501 BP
Beta-637880	[monitoring]	540±30 BP	558 – 514 BP
Beta-547574	205 cm	880±30 BP	908 – 728 BP
Beta-580309	61 cm	1330±30 BP	1,302 – 1,184 BP
Beta-580307	77 cm	1670±30 BP	1,692 – 1,522 BP
Beta-580308	120 cm	2090±30 BP	2,144 – 1,991 BP
Beta-553608	391 – 408 cm	2850±30 BP	3,060 – 2,875 BP

## Recovered Artifacts:

- 23,211 lithic artifacts (94% debitage)
- 432 osseous artifacts (51% debitage)
- 560 historical artifacts

## Faunal Remains:

- 9,293 animal skeletal elements analyzed

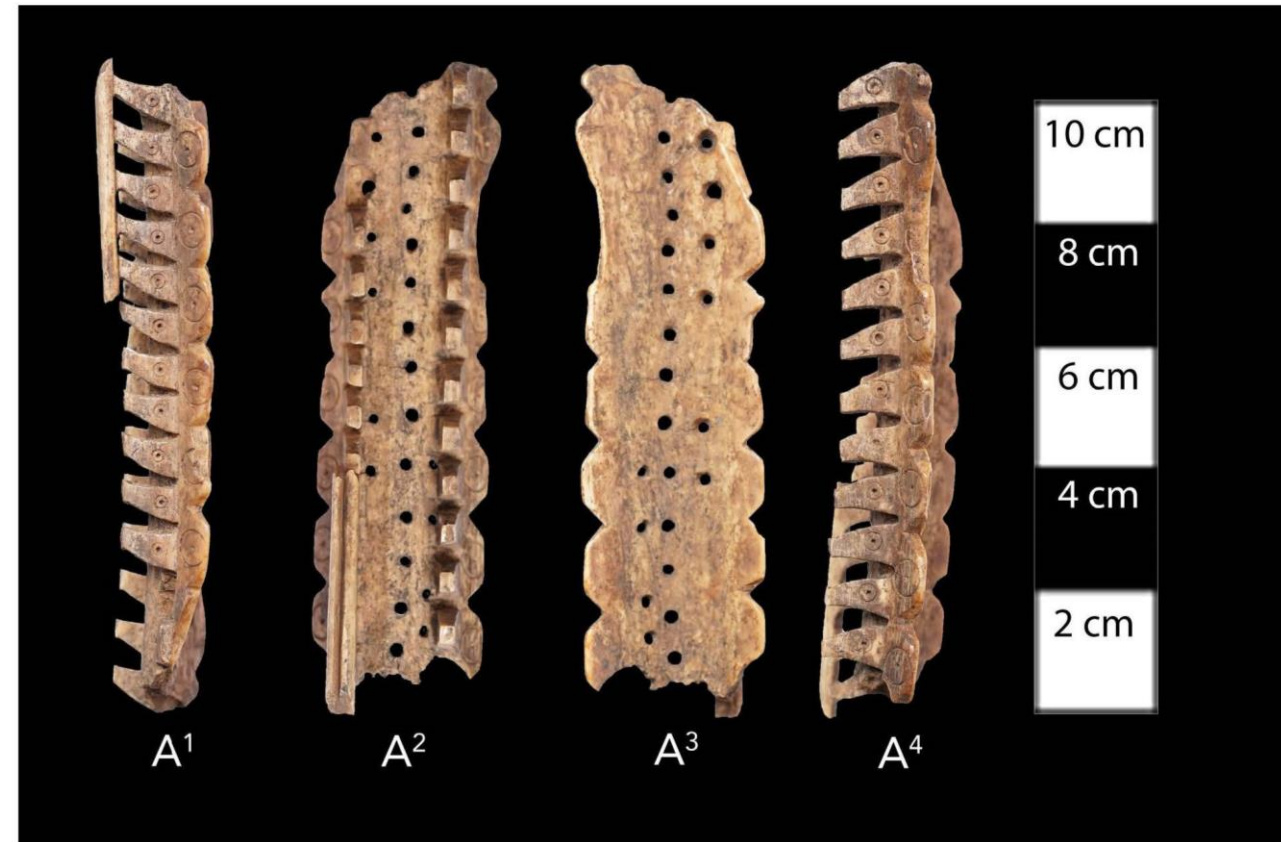


Plate D-1.

A<sup>1</sup>-A<sup>4</sup>: Walrus ivory *Qayaatxux* or *Chagudax* (back plaque)

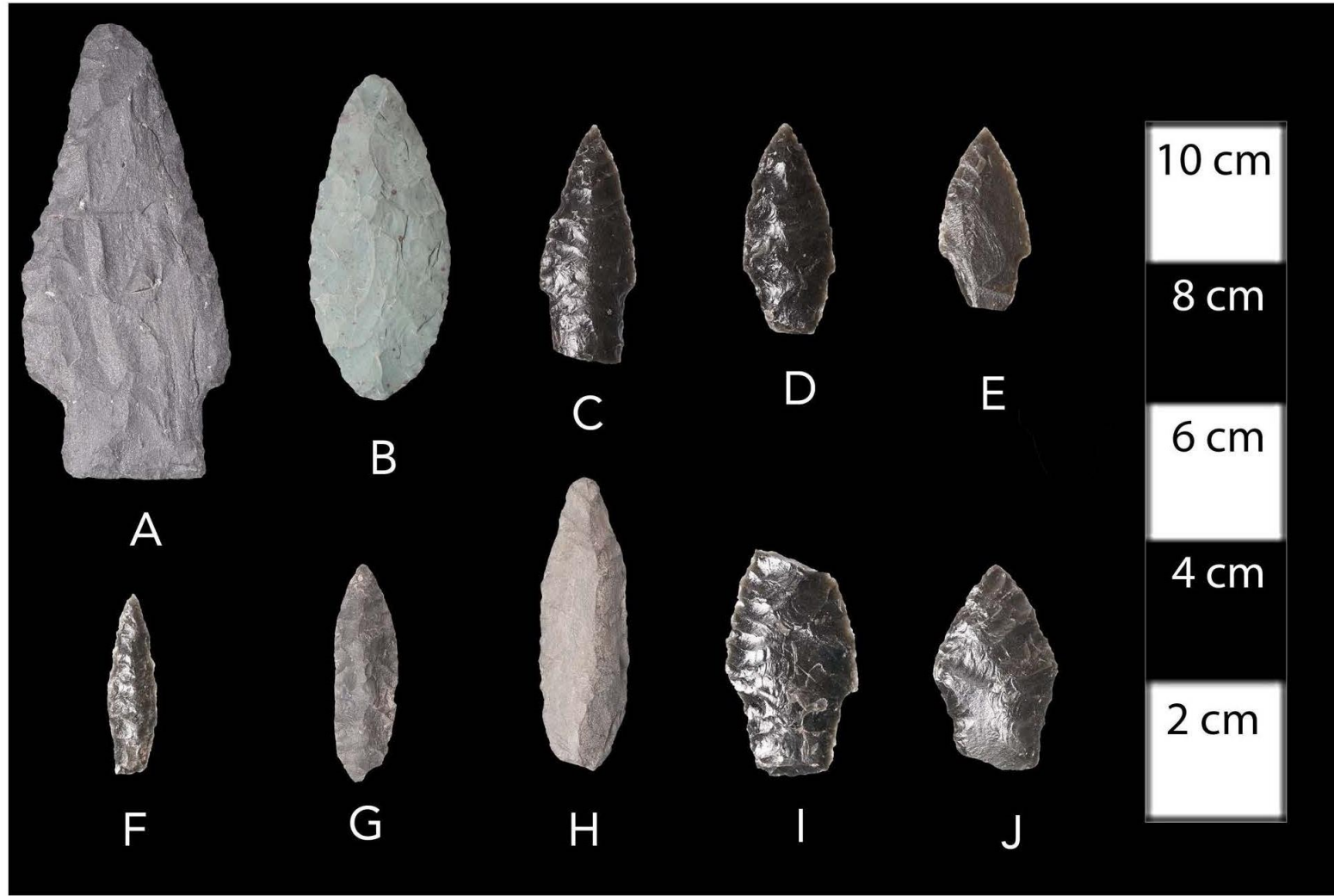


Plate C-5.

A, C, I: Shouldered points  
B, F-H: Stemless points

D-E: Shouldered points (Common)  
J: Stemmed point



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# UNL-00034

17



Plate D-4.

A, D-E, G-H: Type H Projectile points  
B, I: Type B Projectile points

C: Type V Projectile point  
F: Type A Projectile point



Plate B-9. Domestic ceramics.

A: Shenango Pottery mark  
B: Petrus Regout mark

C: Chinese trade porcelain  
D-F: Transfer-printed earthenware

G-I: Sponge-decorated earthenware  
J-L: Hand-painted earthenware



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# ARCHAEOLOGICAL EXCAVATION AT UNL-00160

19



- In **2022**, one USACE archaeologist dug 10 shovel tests and excavated 1 test unit at UNL-00160
- In 1 week, she excavated 1 square meter to sterile soil at a depth of 1.3 meters
- 6 fragments of charcoal were collected for C14 analysis





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# UNL-00160

Sample #	Depth Below Datum	Conventional Radiocarbon Age	Calibrated Date
Beta-637887	41 cm	3520±30 BP	3,880 – 3,698 BP
Beta-637888	63 cm	3540±30 BP	3,907 – 3,715 BP
Beta-637889	86 cm	3570±30 BP	3,932 – 3,824 BP
Beta-367891	36 cm	3620±30 BP	3,989 – 3,840 BP
Beta-637892	72 cm	3640±30 BP	4,008 – 3,868 BP
Beta-637890	57 cm	4810±30 BP	5,593 – 5,477 BP

## Recovered Materials:

- 3,658 lithic artifacts (98% debitage)
- 2 historical artifacts
- 11 degraded faunal remains



Point tip and point preforms (UNL160-0028, -0020, -0102).



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21



**UNL-00160**





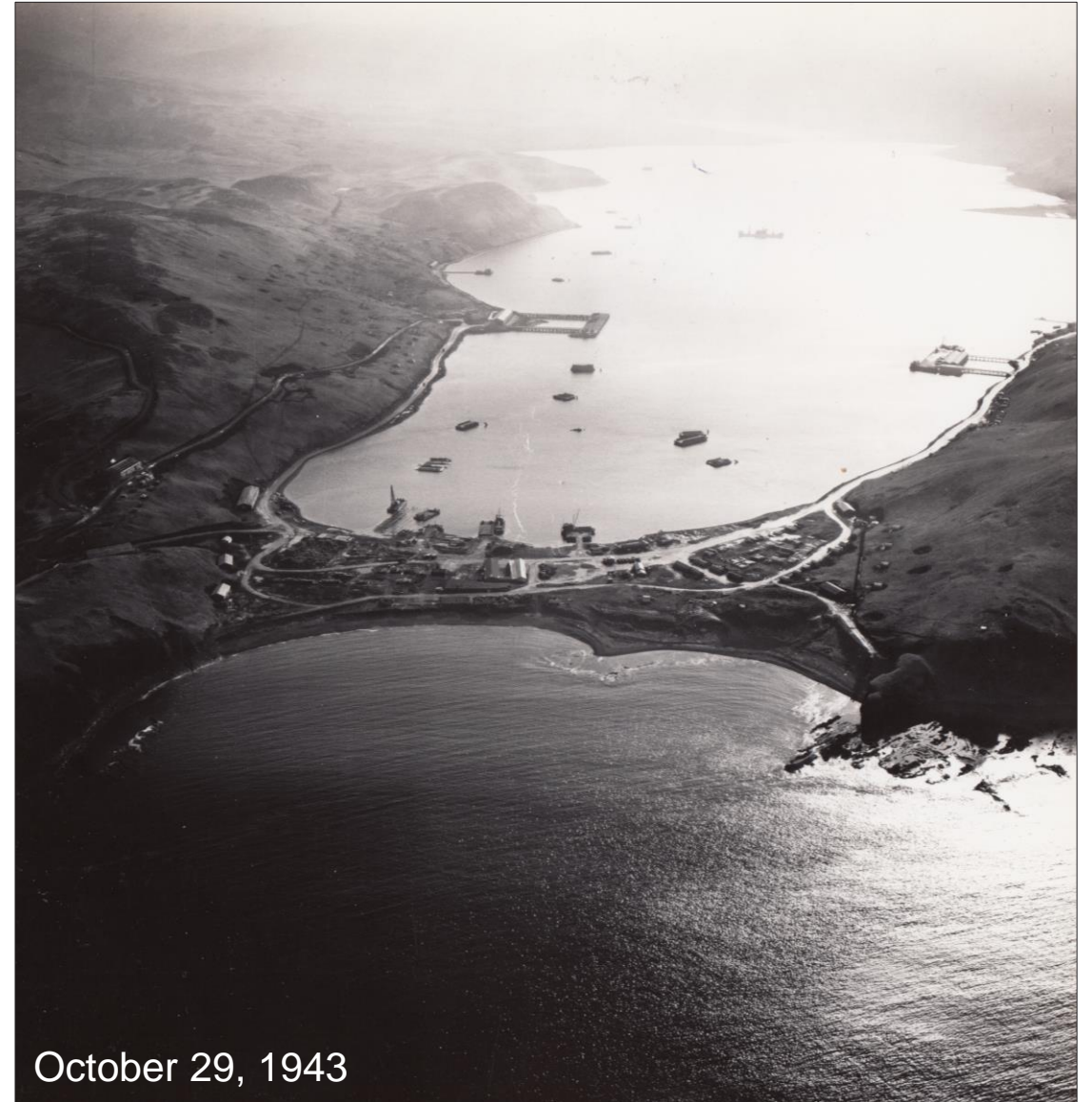
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# HISTORICAL ANALYSIS OF UNL-00235

22



- In 2022, USACE contracted AECOM and their subcontractor, Cultural Resources Consultants, to conduct archival research at NARA facilities in the Lower 48
- Their Final Report of Investigations was submitted to USACE on January 5, 2024



October 29, 1943



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UNL-00235



DECLASSIFIED

Authority *NND 927539*

October 14, 1944

CONFIDENTIAL

August 14, 1942

M. TRAINING PROGRAM

1. Provide information concerning:

Gas Defense.  
Navy Passive Defense Handbooks and supplements.  
Army Engineers Field Manual FM 5-25, "Explosives and Demolition".  
Chapter 23, Bureau of Yards and Docks Manual.  
Glover's Civil Defense, and any other pertinent publications.

\* \* \* \* \*

COMMENTS ON ACTIVITY AT CHERNOFSKI HARBOR

Chernofski Harbor is well protected, and has adequate mooring and dock facilities for general cargo handling. It will probably become a Port of Embarkation for a westward movement. A U.S.E.D. tug makes two round trips daily to Umnak, twelve miles distant. There are 625 Army people here at present.

Chernofski has mooring buoys for several PBV's, one of which is equipped with telephone installation for use of Tender, with direct line to Umnak. No ramp nor landing field is available. A good destroyer anchorage is provided in Mail Boat Cove, where a Navy mooring buoy could be used to advantage. Suitable location for a subsection base, with one building now standing (vacant dwelling) is available on spit to the east of Mail Boat Cove.

K.D. huts with stoves, beds, and bedding have been provided through courtesy of the Army for use of PBV crews, one of which has Army field telephone connection to Navy Radio Building. No mess is provided, and PBV officers and men are required to stand in Army line for chow, which, it was stated, has on occasions created embarrassment.

Only shore boat is a small contractor's launch in general use and usually busy. On landing, PBV crews often must wait as long as an hour for transportation to beach.

The only Navy personnel at Chernofski are two RM3/c, who stand watch and watch, forward radio and cable traffic and self-determined weather reports hourly. No air traffic or vessel movements are reported by this Station (NGT-11) except when requested.

RECOMMENDATIONS - If this anchorage continues to be used by PBV squadrons, the following recommendations should receive consideration:

- \*\* 1. Detail two officers and an adequate ground crew to handle squadron traffic, maintain quarters, mess, radio facilities, transportation, etc., for squadron planes, and keep an eye on what Navy facilities are there.
- \*\* 2. A 40-foot motor sailer is badly needed for transporting squadron personnel to and from planes. At present, no dependable craft for this or crash boat service is available.
3. Provide a seaplane ramp for beaching PBV's during winter season.



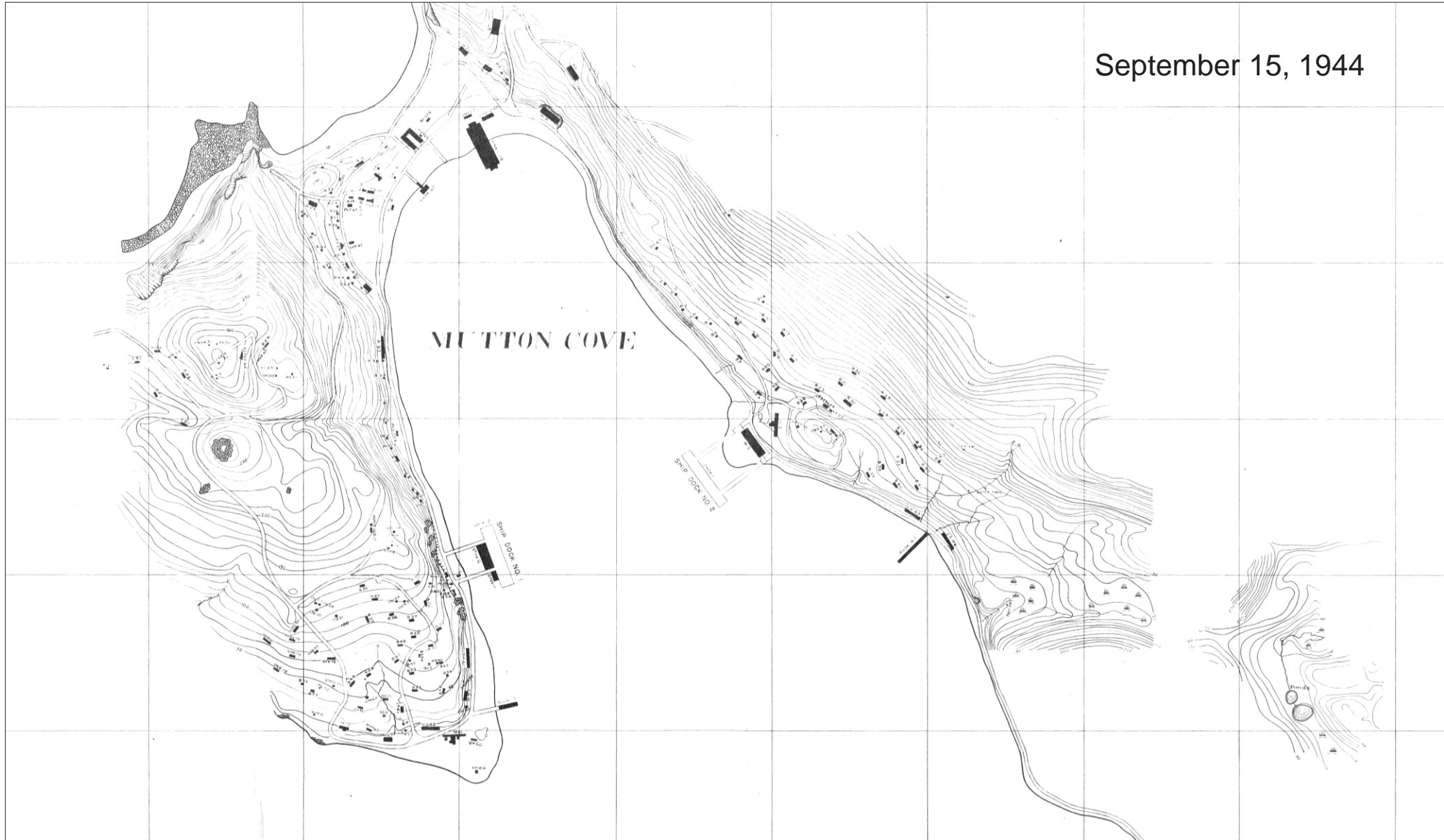
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# UNL-00235

24



September 15, 1944





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# QUESTIONS? CONTACT ME!

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# AMAKNAK FUDS CON/HTRW LIMITED REMOVAL ACTION SUMMER BAY-HUMPY COVE/ LITTLE SOUTH AMERICA

Presenter:

Melissa (Mel) Scully

Environmental Engineer

Formerly Used Defense Sites

Date: 21 February 2024



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# SUMMER BAY-HUMPY COVE - POWER PLANT UST

27



OBJECTIVE	APPROACH
<ul style="list-style-type: none"><li>• Remove residual Diesel Range Organics (DRO) soil contamination above ADEC Method Two Migration to Groundwater cleanup level.</li><li>• Excavate soil below groundwater.</li></ul>	<ul style="list-style-type: none"><li>• Perform removal action.</li><li>• Install, develop, and sample one temporary well in source area.</li><li>• Install, develop, and sample two temporary wells downgradient.</li><li>• Decommission wells.</li><li>• Restore area.</li></ul>

Summer Bay (2016)





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# LITTLE SOUTH AMERICA - LATRINE 1 UST

OBJECTIVE	APPROACH
<ul style="list-style-type: none"><li>• Remove residual DRO and Residual Range Organics (RRO) soil contamination above ADEC Migration to Groundwater cleanup level.</li></ul>	<ul style="list-style-type: none"><li>• Perform removal action.</li><li>• Install, develop, and sample one temporary well in source area.</li><li>• Install, develop, and sample two temporary wells downgradient.</li><li>• Decommission wells.</li><li>• Restore area.</li></ul>



Little South America - Latrine 1 (2016)



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# LITTLE SOUTH AMERICA - BUILDING 1154 (MESS HALL)

29

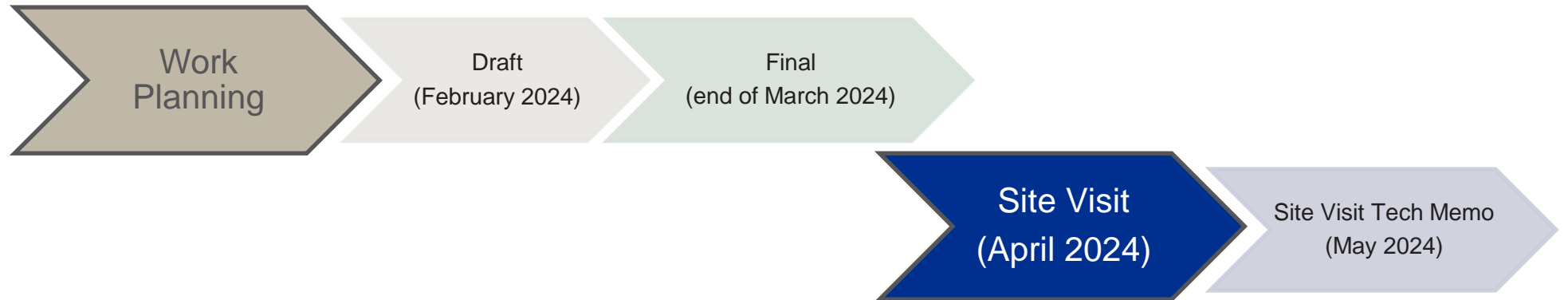


OBJECTIVE	APPROACH
<ul style="list-style-type: none"><li>Determine whether the residual DRO soil contamination is impacting the groundwater.</li></ul>	<ul style="list-style-type: none"><li>Drill to fractured bedrock at source area.</li><li>If groundwater is present, install, develop, and sample temporary well.</li><li>Decommission well.</li></ul>



Little South America - 1154 (Mess Hall) (2016)

# PROJECT SCHEDULE





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31



# PROJECT SCHEDULE

Mobilization  
(June 2024)

Humpy Cove  
Power Plant  
UST

Site Prep  
(June 2024)

Excavation  
(June through July 2024)

Install, develop, sample Monitoring Wells  
(Late July 2024)

Decommission Monitoring  
Wells  
(September 2024)

LSA  
Latrine 1  
UST

Site Prep  
(June 2024)

Excavation  
(June through July 2024)

Install, develop, sample Monitoring Wells  
(Late July 2024)

Decommission Monitoring  
Wells  
(September 2024)

LSA  
Building  
1154

Install, develop, sample Monitoring Wells  
(Late July 2024)

Decommission Monitoring  
Wells  
(September 2024)

Demobilization  
(mid September 2024)

Reporting  
(January 2025)

# FORT LEARNARD FUDS ARCHAEOLOGICAL SURVEY

Presenters:

Forrest Kranda and Jeremy Craner  
Archaeologist  
Formerly Used Defense Sites

Jeremy Craner  
Project Manager  
Formerly Used Defense Sites

Date: 21 February 2024



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# ARCHAEOLOGICAL SURVEY SUMMARY

33



- Survey by Brice Environmental Archaeologists May 6-13, 2023
  - Dr. Gerad Smith and Sean Sullivan
- Systematic Pedestrian Survey and Inventory of the Munitions Response Site (MRS)
- Survey features at Fort Learnard included:
  - Dock Site
  - Access Road
  - Housing Area
  - Battery 298
  - AMTB Battery on Eider Point



Woodstave Water Tanks- 2023



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# NATIONAL REGISTER EVALUATIONS

34



- Fort Learnard registered in AHRS as UNL-00642
  - Determined Eligible for listing in the National Register of Historic Places and contributing to the Naval Operating Base and Ft Mears, U.S. Army NHL under:
    - Criterion A (Events)- for the significant role is played as a support facility for the harbor defenses at Eider Point during WWII and;
    - Criterion D (Data Potential)- Potential to contribute information about the experiences, lifeways, and activities of the WWII service personnel stationed at Fort Learnard.
- SHPO concurred with evaluations for Fort Learnard (December 6, 2023).
- Future field work will include:
  - Cultural Resources Monitoring Plan.
  - Onsite Archaeological Monitoring.
  - Avoidance of Ancestral Sites.
  - Return WWII features to their pre-activity conditions to degree possible.





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# MAGAZINES E2 & J DETONATION – CERCLA

35



- Remedial Investigation (RI), Feasibility Study (FS), Proposed Plan (PP), and Record of Decision (ROD).
- RI planned for 2024 field season. Field work anticipated to start in April. Planning documents/coordination in progress. Planning documents will be provided to landowners/stakeholders for review.
- Systematic Project Planning (SPP) meeting planned for May 2024, followed by Public Meeting.
- Stay tuned for updates and additional information. RAB will be updated as events are formally scheduled.

View from Magazine E2 - 2021





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# 7:40 – 7:55 REVIEW NEXT MEETING DATES

36



## Proposed Next Meeting Dates:

- May 15, 2024
- May 22, 2024
- May 29, 2024

## Keep in mind:

- 4<sup>th</sup> week of every month City Council, OC Board, and Q Tribe Council meetings
- Federal holidays (Memorial Day May 27)
- Any other conflicts?



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# 7:55 – 8:00 OTHER ANNOUNCEMENTS

37



- Announcements
- Unplanned Items
- Open Discussion
- Recap of Old Business/New Business



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# FUDS CONTACT INFORMATION

38



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