



**US Army Corps
of Engineers®**
Alaska District



**Amaknak Formerly Used Defense Site
Restoration Advisory Board Meeting**

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

6:00-8:00 PM

Wednesday, August 3, 2022

City Council Chambers

Trouble connecting?
Please call/text cohost
Josie Wilson
907-230-8179

Or Join by Zoom/Phone:

<https://hdrinc.zoom.us/j/93209596880?pwd=ODNoNU9Fck80clpmZFNpYUxuRGJFQT09>

Toll-Free – 833-548-0282 or 877-853-5257

Non-Toll-Free – 408-638-0968 or 253-215-8782

Meeting ID: 932 0959 6880 Passcode: 130849

AGENDA

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

a. Opening Remarks

b. Roll Call/ Quorum

<input type="checkbox"/>	Jay Edward King, Community Co-Chair
<input type="checkbox"/>	Denise Rankin, Community Co-Chair
<input type="checkbox"/>	James T Paulin
<input type="checkbox"/>	Elise Contreras
<input type="checkbox"/>	Alyssa K McDonald
<input type="checkbox"/>	Okalena Patricia Lekanoff Gregory
<input type="checkbox"/>	Kale Bruner
<input type="checkbox"/>	David M Gregory
<input type="checkbox"/>	Rena B Flint, USACE Co-Chair

c. Meeting Goals and Objectives

2. 6:15 – 6:20 Revise/ Adopt May 4, 2022 Minutes



**US Army Corps
of Engineers®**
Alaska District



3. 6:20 – 6:30 Local Updates/ Community Introductions/ Public Comment
4. 6:30 -- 6:45 Camp Qungaayux
5. 6:45 – 7:00 Chernofski Harbor FUDS
6. 7:00 – 7:10 Amaknak FUDS Range Complex No. 1
 - a. June 29, 2022 3Rs Trainings
 - b. Army Geospatial Center Historical Photo Analysis
 - c. Remedial Investigation Funds Request
7. 7:10 – 7:20 Amaknak FUDS Pre-WWII Tank Farm
 - a. 2nd Periodic Review
 - b. Environmental Covenants
 - c. Long-Term Management Contract Update
8. 7:20 – 7:30 Amaknak FUDS Unalaska Valley
 - a. Removal Action Contract Update
9. 7:30 – 7:50 Committee Reports
 - a. Meeting Promotion (Alyssa McDonald, Jay King)
 - Chernofski Field Update
 - KUCB Coordination
 - Compiling information for EOD Responses/ UXO Database
 - b. Sustaining RAB Membership (Patty Gregory)
 - c. Morale, Welfare, and Fun (Elise Contreras, Jim Paulin, Kale Bruner, Denise Rankin, Patty Gregory)
 - July Newsletter
 - Movie Event
 - d. Records Management (Denise Rankin, Kale Bruner, David Gregory)
 - Website
10. 7:50 – 7:55 Review Next Meeting Dates, Identify Next Steps
 - a. Next RAB Meeting: Hybrid (In-person and Virtual), November (Wednesday)
 - November 2nd, 9th, or 16th?



**US Army Corps
of Engineers®**
Alaska District



- Keep in mind Veteran's Day Nov. 11, Thanksgiving Nov. 24
 - 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 Contact Information and Closing Remarks, Adjourn
 - a. Andy Sorum, USACE Project Manager
(907) 753-2575
 - b. Rena Flint, USACE Project Manager
(907) 753-2680
Rena.B.Flint@usace.army.mil
 - c. USACE- ALASKA DISTRICT PUBLIC AFFAIRS OFFICE
(907) 753-2520
Public.affairs3@usace.army.mil

May 4, 2022 Minutes. Amaknak Formerly Used Defense Site Restoration Advisory Board

1. Opening Remarks
 - a. Rena welcomed attendees.
 - b. Roll Call/Quorum
 - i. Present: Jay King, Denise Rankin, Jim Paulin, Alyssa McDonald, Patty Gregory, Kale Bruner, Elise Contreras, Dave Gregory, Rena Flint
 - ii. Absent: none
2. Revise/Adopt Minutes
 - a. Alyssa moved to adopt minutes from January 19, 2022, and Jay seconded.
3. Local Updates/Community Introductions/Public Comment
 - a. Additional Attendees (non-RAB members): Pete Jeppesen, Marcus Jeffries, Dequitisie Collins, Laresa Syverson, AB Rankin, Brian Rankin, and Craig Scola
 - b. Online Attendees: Cas Galasso, Sarah Hadden, Virginia Hatfield, Matt Carlson, Michael Tuciakofs, and Natalie Cale
 - c. U.S. Army Corps of Engineers (USACE) attendees: Melissa Scully, Jeremy Craner, Kendall Campbell, Mike MacMillen, and Forrest Kranda
 - d. Consultant Attendees (provided meeting facilitation and support): Amy Ostman, Josie Wilson
4. Fort Learnard, Fort Glenn, and Cape Prominence FUDS Updates
 - a. Jeremy Craner, USACE Project Manager, provided an update on Fort Learnard, Fort Glenn, and Cape Prominence FUDS.
 - b. Jeremy explained the difference between properties and projects: properties are the larger area where specific projects are being completed.
 - c. Jeremy provided an update on FUDS work at Fort Glenn:
 - i. Containerized, Hazardous, Toxic, and Radioactive Waste (CON/HTRW) Update:
 1. There are four active projects that are separated based on feature type including: drums, tanks and pipelines, transformers, and equipment. Separating by project helps sort the work required for cleanup.
 2. USACE is following the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process for a Time-Critical Removal Action (TCRA).
 3. USACE is planning public meetings.
 4. USACE is planning to start field cleanup work in 2023.
 - ii. Military Munitions Response Program (MMRP) Update:
 1. Open Burn/Open Detonation (OB/OD) Remedial Action work occurred in 2020 & 2021.
 2. Surface Removal work spanned 337 acres and removed 5,500lbs of munition.
 3. Subsurface Removal work spanned 30 acres and removed 34,000lbs of munition.
 4. USACE is finalizing reports and Land Use Control Implementation Plan (LUCIP).
 - iii. Hazardous, Toxic, and Radioactive Waste (HTRW) Update:

1. There are 8 total active projects and many more on the shelf.
- d. Jeremy provided an update on FUDS work at Cape Prominence:
- i. USACE is very close to closing out the Cape Prominence Site.
 - ii. Cape Prominence site included a remote Aircraft Warning Service (AWS) Station.
 - iii. FUDS timeline and significant milestones of the site include the following:
 1. Initial investigations occurred in early and late 1990's.
 2. A formal Site Investigation occurred in May 2017.
 3. The first Removal Action occurred in June to August 2019.
 4. The second Removal Action occurred in August 2020.
 - iv. Features of work included the removal of the following:
 1. Petroleum and low-level mercury contaminated soil at Upper and Lower Camps.
 2. 55-gallon drums, fluids, and drum remnants.
 3. Above Ground Storage Tanks (ASTs) and fluids.
 4. 1,400 tons of contaminated soil; 4,295 tons of metallic debris
 - v. Work Camp and Staging Areas buildings were removed in 2020.
 - vi. Before and After photos from Jeremy's presentation displayed changes in drainage and vegetation surrounding Lower Camp and Upper Camp Powerhouses.
 - vii. New Information about Cape Prominence AWS included:
 1. Construction deviations from established plans.
 2. Construction and layout plans changed in mid-1942.
 3. Transfer of fuel from 55-gallon drums to ASTs and USTs by hand.
 4. Faulty fueling practices led to increased spillage.
 5. Evidence of enhanced defense construction and posture.
 - viii. The current status of Cape Prominence includes:
 1. The Cape Prominence Removal Action reports was reviewed and finalized.
 2. The Site Closeout Report was developed, reviewed, and finalized; approved and accepted by the landowner and Alaska Department of Environmental Conservation (ADEC).
 3. Cape Prominence is ready for property/project closeout within FUDS program.
- e. Jeremy provided an update on FUDS work at Fort Learnard:
- i. The Project Team includes the following:
 1. Regulators: ADEC
 2. Stakeholders: Ounalaska Corporation (surface estate), Aleut Corporation (subsurface estate), and Private.
 - ii. Fort Learnard FUDS background includes:
 1. The site is located at Eider Point on Unalaska Island approximately five miles northwest across Unalaska Bay from Dutch Harbor and the City of Unalaska and 800 miles from Anchorage.
 2. It is 322.05 acres and predominantly used for recreation.

3. The site was used during WWII to provide harbor defenses with two six-inch guns and a 90mm gun position along with several storage magazines.
 4. Fort Learnard was decommissioned in 1945.
 5. Previous large scale Site Investigations and Removal Action work were conducted in early 1990's and early 2000's.
 6. Previous field inspection determined that Magazines E2 and J were detonated around 1946.
- iii. The summary of found munitions includes:
1. 1994 Engineering Evaluation/Cost Analysis determined two live 6-inch projectiles found near Magazine E2 along with projectile fragments with HEs near Magazine J.
 2. 1996 Engineering Evaluation/Cost Analysis:
 - a. 12 6-inch projectiles found.
 - b. 42 90-mm projectiles found.
 3. 2001 Ordnance and Explosives Removal Action:
 - a. 168 6-inch APHE/HE projectiles found.
 - b. 43 M-71 90-mm HE projectiles found.
 - c. Approximately 3,610lbs of related scrap was recovered.
 4. 2015 Explosive Ordnance Incident Report:
 - a. Two UXO items were found on the beach at Eider Point and reported.
 - b. Items were identified as a 90mm HE projectile with PD fuse.
 - c. Two additional 90mm HE projectiles were found during a further search.
 5. Rena had a police report to add from 2017- a 60mm shell tip found at Eider Point.
- iv. The status of Fort Learnard FUDS includes the following:
1. Current work includes planning and coordinating a Remedial Investigation (RI), Feasibility Study (FS), Proposed Plan (PP), Decision Document (DD). The contract is in progress and USACE hopes to award soon.
 2. USACE will continue to conduct Systematic Project Planning (SPP) meetings with stakeholders.
 3. Field work is planned for 2023 or 2024.
- f. Questions for Jeremy:
- i. Referring to the picture of the Fort Glenn MMRP, Denise asked if the munitions were found lined up in rows. Jeremy said they were not found in rows; the munition removal team put the explosives together in rows to detonate them. The goal is to safely detonate them all together because they are too dangerous to ship off site.
 - ii. Denise asked how USACE replaces the soil at Cape Prominence that is being removed. Jeremy said the U.S. Fish and Wildlife Service (USFWS) did not want

USACE to use backfill soil due to risk of introducing invasive species. Therefore, USACE used a surgical approach to avoid removing more soil than required.

- iii. Jim asked if the fixed radar rotates. Jeremy replied that it does not. He also shared that there are two different types of radar: fixed and mobile trailer-mounted radar.
- iv. Rena asked if there was an EOD response last year for Fort Learned. Jeremy confirmed there was, but he has not followed up with Jay. Jeremy will track down the report.
- v. Denise asked if UXO was detonated in 1998 or 1999; she recalled a blast above the airport that had occurred around then. Jeremy responded that a big removal action took place in 2001 and the report includes main incidents on record, but he will investigate if there were any additional incidents.
- g. Jeremy can be reached at jeremy.d.craner@usace.army.mil or (907) 753-2628 for any questions.

5. Amaknak FUDS Range Complex No. 1 Updates

- a. Rena and Jay have compiled a record of four EOD Responses since 2012. Rena requested a call to action for the community to help piece together the history of EOD Responses in Unalaska before 2012.
 - i. Rena shared a picture of the Tundra Drive Area.
- b. Rena met with Denise earlier to discuss a plan of action for the right of entry process, the plan is to start with one or two landowners on a larger tract of land, and then work with individuals on the smaller tracts.
- c. Rena is working with Ginny Hatfield to plan a UXO 101 Safety Training in-person on Wednesday, June 29th at the Museum of the Aleutians. The training will include a movie night, additional details are forthcoming.
 - i. During the training an Explosive Ordnance Safety Specialist will cover 3R's – Recognize, Retreat, Report. The training will cover the Recognize portion of 3R's.
- d. Rena mentioned the remedial Investigation Funds Request FY23 will start on October 1, 2022, if approved, and will begin with Systematic Project Planning (SPP) and SPP meetings with ADEC and landowners.
- e. Rena asked Jeremy to describe the SPP process. Jeremy explained that there are four types of meetings associated with the SPP process: the first meeting is between USACE and stakeholders, the second meeting is right before field work starts, the third meeting is during fieldwork, and the fourth meeting is right after field work ends. The goal is to keep everyone informed and develop the plan. Rena mentioned Jeremy is doing an accelerated SPP for Fort Learnard due to receiving funds for the next phase at the same time.
- f. Questions for Rena:
 - i. Cas asked if the EOD Responses/UXO Database will be online. Rena responded that she envisions an excel spreadsheet to distribute. Rena will discuss later in the meeting when the records management committee covers website development.

- ii. Dave asked if USACE will look at the underwater and low tide munitions. Rena responded that a guest speaker from the Naval Facilities Engineering Command is scheduled for the next RAB meeting to discuss in-water munitions.
 - iii. Denise asked if the Navy Facilities Engineering Command speaker will only cover munitions, or if it will also include other debris in the bay. Rena responded she will follow up with Scott Elkind to confirm.
- 6. Amaknak FUDS Pre-WWII Tank Farm Updates
 - a. USACE is working on 2nd Periodic Review; they received comments on the draft. Rena and Mellisa (Mel) Scully (USACE) are working on responding to those comments and will distribute responses soon and implement comments into the periodic review document.
 - b. USACE is also working on Environmental Covenants for those eight lots. That process is incorporated into the periodic review to formally record the uses on the site that would be safe. Rena has been talking with the landowner and will have more specifics soon.
 - c. USACE received Long-Term Management Funds this spring to do the next periodic review. USACE plans to award a contract to do groundwater sampling again sometime late summer/early fall.
 - d. Free Product Recovery/Utilidor Discussion- Rena followed up with Thomas Roufos from City Planning about Utilidor and Bunker C Product in place at the site underneath road and building. Rena reported USACE did attempt a free-product recovery that was unsuccessful; the only feasible way to remove the source of contamination is to remove the soil. USACE had a productive meeting with the city to discuss plans for getting to the contamination that is not currently accessible.
- 7. Amaknak FUDS Unalaska Valley Updates
 - a. Rena mentioned Rights-of-Entry are underway. Rena contacted landowners and received two signed Rights-of-Entry out of the seven sites for which USACE is planning contract action.
 - b. USACE received State Historic Preservation Office (SHPO) concurrence on coordination for the proposed undertakings on three removal actions and three areas where USACE will collect samples.
 - c. Environmental Assessment for NEPA process is undergoing internal review and will be posted to the USACE public webpage for a 30-day public comment period. Rena will send out a link to the study assessment to the RAB stakeholder group.
 - d. USACE received funds for Plus Up. Mel and Rena are working on scope of work for a contract to be awarded.
 - e. Questions for Rena
 - i. Dave asked if contamination below Building 3065 will be addressed. Rena confirmed FUDS program will remove soil contamination and the contractor will come back and finish the debris removal.
 - ii. Alyssa asked how USACE determined the budget for Plus Up Funding. Rena responded USACE completes a fund request annually and has opportunity to do plus up requests the in spring. The USACE engineering department has an independent government estimate to pencil in funds. USACE also looks to industry to provide proposals. FUDS is all one pot of money, so funds can be moved around between sites. There is not an online source for costs.
 - iii. Denise asked after talking with Jay about range going far out into the water, will there be a survey? Rena referred to image shared by Jay; the red outline is the extent of MMRP project where unexploded ordnance originating from land into

the water might be found. It is a case-by-case basis dependent on specifics of the project whether the munitions in the water are USACE or Navy jurisdiction. Denise provided a follow-up question/comment, there was a fishing vessel that brought up unexploded ordnance so it could happen. Dave responded, looking at the Range Complex #1 image, there was a recorded dump site where the military dumped barge loads of debris.

- iv. Jim asked was the military target practicing by firing artillery in the water. Jeremy responded, he is uncertain, but speculated it is most likely were when range fans overlap. Rena and Jeremy are working with the Navy to coordinate sharing information that can shed light on these areas of uncertainty.
- v. Cas asked if the underwater MMRP or UXOs outside of Fort Learnard would be covered under the coordination with NavFac for Range Complex #1. Jeremy responded that the process is ongoing and requires coordination with the Navy. There are specific eligibility requirements that USACE needs to follow. Navy already initiated some of the work. Cas stated that it sounds like the Navy did recent work in the area. Jeremy responded this is correct, but the reports are not widely available to public, potentially because they might not be final versions of the reports.
- vi. Michael commented that the types of munitions can indicate who used them. Jeremy responded he appreciates the firsthand knowledge of munitions.
- vii. Denise commented that the city is getting ready to do a dredging project in the harbor, and would hate for something to be found that would delay dredging. She requested an underwater survey be done by USACE or Navy. Rena deferred to Kendall for response and mentioned Jathan Garrett, the guest speaker scheduled for the next RAB meeting, will discuss the USACE's Civil Works program. Kendall added that part of the Civil Works component includes EOD (Explosive Ordnance Disposal) and that the FUDS and Civil Works programs are coordinating with one another. Jathan will have more information at next meeting.
- viii. Alyssa asked if there's a special type of sensory equipment used for the underwater surveys, like an underwater metal detector. Kendall responded that the Navy would have more information at next meeting.

8. Committee Reports

- a. Meeting Promotion (Alyssa McDonald, Jay King)
 - i. KUCB Coordination
 - 1. Alyssa is talking with KUCB about an interview on post fieldwork to generate more interest in the community.
 - 2. Alyssa is going out to Chernovtsy and maybe Ft. Glenn to take pictures. Jay asked when Alyssa is planning the trips because there's a film festival where RAB could do a PSA.
 - 3. Rena mentioned distributing DENIX resources to the community.
 - ii. Rena connected Pete Jeppesen to the ADEC contaminated sites program regarding the Torpedo Building Cleanup, it was determined that Pete's materials on the site received approval for beneficial reuse. Rena connected Pete with DOT for future potential use of soil. Pete said thanks.
- b. Sustaining RAB Membership (Patty Gregory)
 - i. No updates to report.

- c. Morale, Welfare, and Fun (Elise Contreras, Jim Paulin, Kale Brunner, Denise Rankin, Patty Gregory)
 - i. The May Newsletter (formerly the April Newsletter) will spotlight committee reports.
 - ii. Jim discussed hosting a Movie Night prior to the training session, and potentially show WWII movie or a cartoon starring Private Snafu. Jim is accepting ideas/requests on films from that era to show. Rena responded that they've had no progress on getting the movie that Forrest recommended, "Report from the Aleutians" a 20-minute WWII propaganda film. Jay updated on film festival-soliciting members of community for short videos of terrain. Planning on short PSAs to be played during the film festival. Jim offered to be chair.
 - iii. Rena mentioned NALEMP Screw Pickets will be auctioned off.
 - d. Records Management (Denise Rankin, Kale Brunner, David Gregory)
 - i. Denise mentioned Jay found 2021 agenda online, and suggested USACE to keep adding agendas to the USACE site, where they are easily accessible. Rena will work on putting agendas back on the website.
 - ii. Denise met with a landowner after the last RAB meeting. Denise commented she appreciates having these meetings so RAB members can reach out to the community and landowners and provide updates about the FUDS action occurring in the community.
9. Review Next Meeting Dates, Identify Next Steps
- a. Next RAB Meeting: Hybrid (In-person and Virtual)
 - i. Alyssa made a motion to schedule the next RAB meeting on Wednesday, August 3rd, 2022. Jay seconded. A second motion and discussion were made to select different date. Thomas mentioned RAB should coordinate the next RAB meeting date with the Camp Qungaayux (Camp Q) schedule. Rena set a 2-week deadline to schedule next meeting. Alyssa made a motion to tentatively set date for the next RAB meeting for August 3rd with potential to move to August 31st. Jay seconded.
 - ii. Rena will confirm dates with guest speakers USACE Civil Works (Jathan Garrett) and Naval Facilities Engineering Command (Scott Elkind). Rena will also reach out about their attendance at the June 29th training.
 - b. Next Steps/Action Item Review
 - i. Jeremy will track down the report summary of found munitions at Fort Learnard.
 - ii. Jeremy will investigate a detonation that possibly occurred in 1998.
 - iii. Rena will send out a link to the Amaknak FUDS Unalaska Valley study assessment to the RAB stakeholder group.
 - iv. Rena will follow up with Scott Elkind on covering underwater debris in addition to munitions in presentation at the next RAB meeting.
 - v. Rena will put the RAB meeting agenda on the USACE website.
 - vi. Rena will confirm next RAB meeting date with guest speakers Jathan and Scott, and inquire about their attendance at the June 29th training.
 - vii. Rena will coordinate with Elise on the Camp Q Anniversary schedule.
10. Other Announcements/Unplanned Items/Open Discussion
- a. Laresa - August 3rd is during Camp Q anniversary. Denise commented that it will be the 25th anniversary of Camp Q, ideal to schedule the next RAB meeting in the evening.

- b. Brian Rankin stated that perhaps USACE could do a presentation at Camp Q. Rena will coordinate with Elise.
 - c. Patty will talk with Rena offline about the Camp Q schedule.
11. 08:11PM Adjournment: Alyssa made a motion to adjourn. Jay seconded.

AMAKNAK FUDS RESTORATION ADVISORY BOARD MEETING



Wednesday, August 3, 2022
City Council Chambers



US Army Corps
of Engineers®





CHERNOFSKI FUDS REMOVAL ACTION



- Field work April 27-June 20 complete: approx. 2000 tons contaminated soil, with additional investigation.
- Excellent performance by on-site Archeologist team to mitigate impacts and communicate with stakeholders.
- Final field work August 8-22 for additional 500 tons of contaminated soil, final demobilization of camp and waste.
- Report to be produced Nov 2022-Feb 2023.



AMAKNAK FUDS RANGE COMPLEX NO. 1



- June 29, 2022 3Rs Trainings
- Army Geospatial Center Historical Photo Analysis
- Remedial Investigation Funds Request





AMAKNAK FUDS PRE-WWII TANK FARM



- 2nd Periodic Review
- Environmental Covenants
- Long-Term Management Contract Update



AMAKNAK FUDS UNALASKA VALLEY



- Removal Action Contract Update