



**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, November 10, 2021

City Council Chambers

Or Join by Zoom/Phone:

<https://hdrinc.zoom.us/j/98657336543?pwd=aGtQN2ZmZm5GejJBblNjM2xhZjNOQT09>

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

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

Meeting ID: 986 5733 6543 Passcode: 909013

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"/>	Virginia Hatfield
<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 August 13, 2021 Minutes



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



3. 6:20 – 6:30 Local Updates/ Community Introductions/ Public Comment
4. 6:30 – 7:20 Fiscal Year 2022 (October 2021 – September 2022)
 - a. Approved Scope/ Documents to Review Schedule
 - b. Potential Additional Scope
5. 7:20 – 7:40 Team Exercise: RAB Roles and Responsibilities
6. 7:40 – 7:50 Review Next Meeting Dates, Identify Next Steps
 - a. Next RAB Meeting: Hybrid (In-person and Virtual), January (Wednesday)
 - January 12th, 19th, or 26th?
 - b. Next Steps
7. 7:50 – 8:00 Other Announcements/ Unplanned Items/ Open Discussion
 - a. Recap of Old Business / New Business
8. 8:00 Contact Information and Closing Remarks, Adjourn
 - a. Rena Flint, USACE Project Manager
(907) 753-2680
Rena.B.Flint@usace.army.mil
 - b. USACE- ALASKA DISTRICT PUBLIC AFFAIRS OFFICE
(907) 753-2520
Public.affairs3@usace.army.mil

Aug 13, 2021 Draft Minutes.

1. Opening remarks

- a. Rena thanked Jay for setting up the room, Denise for working with Jay, Ginny for taking notes
- b. Roll Call/Quorum
 - i. Present, Jay King, Denise Rankin, Elise Contreras, Alyssa McDonald, Virginia Hatfield, Rena Flint
 - ii. Absent: James Paulin, Patty Gregory, Dave Gregory, and Kale Bruner

2. Revise/Adopt minutes

- a. Ginny moved to adopt minutes from June 28, 2021, and Jay seconded

3. Local updates/ Community Introductions

- a. Other attendees include Cascade Galasso-Irish, Dennis Shephard, Karen Pletnikof, Thomas Roufos, and Kendall Campbell

4. Questions for upcoming Virtual 3Rs UXO/CWM

- a. August 20th for RAB
- b. August 30th for the public
- c. August 31st for DPW

Jay reserved city council chambers for the 20th and 30th. 31st will include law enforcement, border officials, and state troopers.

Kendall- you may also submit questions via email.

Denise- flyer for OC tenants

Jay- nixle

5. Unalaska Valley

- a. Potential Institutional Controls

- i. **UST 2664 (ADEC Hazard ID: 2878)** currently used as industrial site (C&G, LLC yard at the corner of East Broadway Ave and Whittern Lane across from DPW). Levels exceed ingestion levels but not inhalation. Rena asked the board to consider the risk of ingestion. *Levels exceed migration and groundwater*. Rena suggested this is a candidate for Institutional Controls. Dennis asked if the foundation that is still in place would continue to stay in place. Rena mentioned the area is currently used and the foundation is use as a lay down area. Alyssa noted the last water sample was in 2000 and could we have new water samples? Rena stated it was not prohibitive to take more samples, but ID-ed they didn't exceed then, it is unlikely to now. Denise asked if this was a place with underground storage tank, Rena confirmed. Dennis said they could sample the well again for Institutional Controls. Alyssa asked where the samples were taken. There was discussion about which water wells were used then and may have been destroyed. Two wells labeled #1 were noted to still be present and a well #2. Karen asked if there were sensitive community activities in the areas, such as playgrounds, etc. Denise noted there were apartments nearby. Thomas noted the distances to the wells and to the apartments. And he mentioned there were no current plans for development of apartments along Whittern Lane. The board

members noted the proximity of fish habitat. Dennis suggested resampling from both Well WP-1s. Cas asked for updated coordinate locations for the sites and Rena noted they were all off and would get updated coordinates for the locations. **Rena recommended the path forward for this site would be to sample the ground water at both MW1s and MW2 (find or replace) and see if Institutional Controls will be effective.**

- ii. **UST 2667 (Hazard ID 2876)** Currently used for the Department of Public Works (1035 East Broadway Ave) and is capped by the building, preventing groundwater infiltration through soil and therefore eliminating migration to groundwater pathway (no groundwater contamination). DRO in soil not exceeding Inhalation or Ingestion levels. Dennis- Candidate for Institutional Controls, Karen asked what would happen with change in owner and removal of building. Cas noted the Institutional Controls is a process. Dennis mentioned they would put Environmental Covenant in place to inform all future landowners about contamination. **Rena will work with City Manager to develop the environmental covenant. Path forward then is to put in place the Institutional Controls and work with the city manager.**
- iii. **UST 2674 (ADEC Hazard ID 2880)** foundation across East Broadway Ave from 1398 East Broadway Ave. Rena noted this might be a could candidate for soil removal and resampling. Thomas noted that the current land owner is building a structure to house equipment related to fuel oil storage (trucks, infrastructure). Also 400 feet away from municipal well. Cas thought it would be good to resample and might be able to close without Institutional Controls. Asked how deep to groundwater. Rena said it was deeper than they sampled – greater than 4 (feet?). Thomas said site is elevated and foundation not planned for removal. Alyssa asked how intrusive is the sampling drill rig. Rena described TWP installation. Thomas asked about the impact to the structure. Rena thought it would not be intrusive. **Plan going forward suggested resample the groundwater (via temporary well point) and close site without Institutional Control.**

b. Potential Resample *or removal action*:

- i. **UST 3260 (ADEC Hazard ID 2890).** Rena noted this site is a candidate for resampling or removal. It is located up in Ski Bowl. Owned by the City and was a former mess hall with underground storage tank and latrine. Levels exceed cleanup levels so we should consider soil removal. Shallow groundwater in the area. Thomas asked who was responsible for cleanup. Rena confirmed it was USACE. Dennis asked about the extent of contamination and whether it was delineated. Rena and Dennis discussed the vertical and horizontal extent. It is unclear if it went to groundwater. Rena mentioned she needed to consult the project engineer. Dennis

suggested monitoring and revaluation. Dennis asked about low groundwater season. Denise stated late summer, also this is an ANCSA-conveyed recreation area. **Rena restated the path forward then was soil removal and monitor of trends in groundwater.**

- c. To Be Determined: *potential resample or Institutional controls*
 - i. **UST 2267 AB (ADEC Hazard ID 2879)** residence located on Lear Road. Rena noted this site is in fractured bedrock, very little soil to be sampled at the time. Levels do not exceed Inhalation or ingestion. Rena asked about the feasibility of soil or groundwater sampling or feasibility removing soil. Denise noted there were a lot of houses in the area and it may be hard to remove, ID house and landowner thoughts. Rena agreed. **Dennis noted that if it is on fractured bedrock perhaps we do a historical review and demonstrate it is on bedrock and close the site as de-minimus without Institutional controls.**
- d. Ginny reviewed the list of recommendations. Alyssa moved to adopt the proposal, and Jay seconded, that the board would recommend the following:
 - i. UST 2664 be sampled the groundwater and see if Institutional Controls are appropriate
 - ii. UST 2667 put in place Institutional Controls and Rena will work with the City Manager.
 - iii. UST 2674 sample the groundwater and close without Institutional Controls
 - iv. UST 3260 remove soils and monitor groundwater for trend
 - v. UST 2267 AB to figure out the bedrock and groundwater situation (conduct historical review, get information and establish groundwater and bedrock situation and consult the landowner about de-minimus and no Institutional Controls)
- 6. Little South America: Rena brought the next round of sites to the RAB's attention. Sites located on Little South America.
- 7. RAB Roles and Responsibilities: The board discussed the board's role and more agency on the part of the board for operating this board.

Alyssa- other boards.

Karen- USACE has familiarity.

Kendall- ID what worked well. Also recommended centralizing RAB info.

Thomas- suggested training for board members: cleanup levels, fate & transport

Dennis- web training available through ITRC at <https://itrcweb.org/home>.

Action Item: bring ideas to next meeting.
- 8. Next Meeting Dates
 - a. UXO training
 - i. August 20th 11 am to 1 pm for RAB members
 - ii. August 30th 12 -2 pm open to the public
 - iii. August 31st, for the Department of Public Safety from 9-11 am
 - b. Next meeting November 10, 2021 at 6pm
- 9. Other announcements

10. Adjournment Alyssa moved for adjournment and Ginny seconded.

Project Name	Project #	Project Category	Phase	FY22 IN-HOUSE	FY22 CONTRACT
--------------	-----------	------------------	-------	---------------	---------------

--Official Work Plan--

UNALASKA VALLEY	13	CON/HTRW	RmA-C		
PYRAMID VLY/ PORT LEVASHEF	14	CON/HTRW	RmA-C		
SUMMER BAY/ HUMPY COVE	15	CON/HTRW	RmA-C		
MARGARET BAY/ AIRPORT	16	CON/HTRW	RmA-C		
MT BALLYHOO	18	CON/HTRW	RmA-C		
COM/REL -RAB	21	COMM/REL	RAB		
PRE-WWII TANK FARM	3	HTRW	RA-O		
PRE-WWII TANK FARM	3	HTRW	LTM		

--Potential WP Change/Add or Potential Plus-up--

PRE-WWII TANK FARM	3	HTRW	LTM		
3Rs Training	0	PA/INPR	PA		
UNALASKA VALLEY	13	CON/HTRW	RmA-C		
LITTLE SOUTH AMERICA	20	CON/HTRW	RmA-C		
SUMMER BAY/ HUMPY COVE	15	CON/HTRW	RmA-C		
PYRAMID VLY/ PORT LEVASHEF	14	CON/HTRW	RmA-C		
MARGARET BAY/ AIRPORT	16	CON/HTRW	RmA-C		
MT BALLYHOO	18	CON/HTRW	RmA-C		
MUSEUM OF THE ALEUTIANS	17	CON/HTRW	RmA-C		
BALLYHOO SPIT	19	CON/HTRW	RI/FS		
Range Complex No. 1	9	MMRP	RI/FS		

F10AK0841-03 AMAKNAK PRE-WWII TANK FARM HTRW RA-O

- Environmental Covenants Outreach materials under Development, expected Nov 2021
- Environmental Covenants Landowner Meetings, expected Nov-Dec 2021
- Signing Environmental Covenants, expected Jan 2022
- Periodic Review, expected Jan 2022

F10AK0841-03 AMAKNAK PRE-WWII TANK FARM HTRW LTM

- Work plan, expected Mar 2022
- Report, expected Oct 2022
- Periodic Review, expected Oct 2022

F10AK0841-13 AMAKNAK UNALASKA VALLEY CON/HTRW RMA-C

- GIS and Site status updates under Development, expected Nov 2021
- Restoration Summary Report under Development, expected Nov-Dec 2021
- Work plan, expected Mar 2022
 - UST 2664 (ADEC Hazard ID: 2878): Find or replace, and sample GW at both MW1 & MW2, pursue Environmental Covenants
 - UST 2667 (ADEC Hazard ID: 2876): Pursue Environmental Covenants
 - UST 2674 (ADEC Hazard ID: 2880): Install TWP, sample GW, maybe close without ICs
 - UST 3260 (ADEC Hazard ID: 2890): Removal and monitor GW for trends
 - UST 2267 AB (ADEC Hazard ID: 2879): Evaluate for proof of bedrock, expect to close as de-minimus without ICs
- Report, expected Oct 2022
- Work Plan, expected Mar 2023
- Report, expected Oct 2023
- Work Plan, expected Mar 2024

F10AK0841-14 AMAKNAK PYRAMID VALLEY/ PORT LEVASHEF CON/HTRW RMA-C

- GIS and Site status updates under Development
- Restoration Summary Report under Development

F10AK0841-15 AMAKNAK SUMMER BAY/ HUMPY COVE CON/HTRW RMA-C

- GIS and Site status updates under Development
- Restoration Summary Report under Development
- Work plan, expected Mar 2022
- Report, expected Oct 2022

- Work Plan, expected Mar 2023
- Report, expected Oct 2023
- Work Plan, expected Mar 2024

F10AK0841-16 AMAKNAK MARGARET BAY/ AIRPORT CON/HTRW RMA-C

- GIS and Site status updates under Development
- Restoration Summary Report under Development

F10AK0841-18 AMAKNAK MT BALLYHOO CON/HTRW RMA-C

- GIS and Site status updates under Development
- Restoration Summary Report under Development

F10AK0841-21 AMAKNAK COM/REL RAB/ PA

- RAB meeting, Nov 10, 2021
- RAB meeting, expected Jan/Feb 2022
- RAB meeting, expected May 2022
- In-person 3Rs UXO/CWM Safety Training, expected before July 2022
- RAB meeting, expected Aug 2022
- RAB meeting, expected Nov 2022



PUBLIC NOTICE



U.S Army Corps of Engineers, Alaska District Amaknak Formerly Used Defense Site (FUDS) Virtual Restoration Advisory Board Meeting November 10, 2021

The U.S. Army Corps of Engineers, Alaska District is hosting a Virtual Restoration Advisory Board (RAB) meeting on **Wednesday, November 10, 2021** to discuss environmental updates pertaining to the Amaknak Formerly Used Defense Site (FUDS) in Unalaska. All interested members of the public are invited to attend.

Meeting links and information are below and are posted at amaknakrab.com. If you have questions or would like to request a copy of meeting materials, contact the Project Manager, Rena Flint.

Amaknak RAB Meeting



Date, Time and Location:

Wednesday, November 10, 2021

6:00pm to 8:00pm

In-Person: Unalaska City Council Chambers, 43 Raven Way, Unalaska, AK 99685



Zoom Meeting Link:

<https://hdrinc.zoom.us/j/98657336543?pwd=aGtQN2ZmZm5GejJBbINJM2xhZjNOQT09>



Telephone:

Toll-Free: (833) 548-0282 or (877) 853-5257

Non-Toll-Free: (408) 638-0968 or (253) 215-8782



Meeting ID: 986 5733 6543

Passcode: 909013

Scan me with your
smartphone camera
to visit the Zoom
Meeting Link.



Contact



Rena.B.Flint@usace.army.mil



(907) 201-3108

amaknakrab.com