



**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

Thursday, May 6, 2021

Grand Aleutian Hotel Makushin Room
498 Salmon Way, Unalaska, AK

Trouble connecting?
Please text cohost
Kendall Campbell
(907) 201-6310

Or Join by Phone:

Teleconference Call: (844) 800-2712

Access Code: 199 212 1820#

AGENDA

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

- a. Opening Remarks
- b. New RAB member induction: Denise Rankin
- c. Roll Call/ Quorum

<input type="checkbox"/>	Denise Rankin
<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"/>	Jay Edward King
<input type="checkbox"/>	David M Gregory, Community Co-Chair
<input type="checkbox"/>	Rena B Flint, USACE Co-Chair

- d. Meeting Goals and Objectives
- e. Review Mission



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The Mission of the Amaknak FUDS RAB is to establish and maintain a forum with all Stakeholders for the exchange of information in an open and interactive dialogue concerning the environmental restoration activities at the Amaknak FUDS. The RAB will review technical documents and provide comments and advice to the U.S. Army Corps of Engineers, Alaska District, on the proposed environmental restoration activities.

2. 6:15 – 6:20 Revise/ Adopt May 6, 2021 Minutes
3. 6:20 – 6:30 Local Updates/ Community Introductions/ Public Comment
4. 6:30 – 6:40 Community Co-Chair Discussion
5. 6:40 – 6:50 UXO Department of Public Safety/ EOD Responses Past and Present
 - a. 2019
 - b. 2021
6. 6:50 – 7:00 Pre-WWII Tank Farm
 - a. Periodic Review
 - b. Groundwater Use Determination/ Environmental Covenants
7. 7:00 – 7:30 Deeper Dive into Unalaska Valley (ADEC File ID: 2542.38.023)
 - a. Review 6 May Discussion:
Dave, “UST 3065- concrete foundation removed as part of debris cleanup- now good spot for FUDS to take a look at, near a creek so is a concern.”
 - b. Potential Institutional Controls
 - UST 2664 (ADEC Hazard ID: 2878)
 - UST 3260 (ADEC Hazard ID: 2890)
 - UST 2667 (ADEC Hazard ID: 2876)
 - USTs 2667 AB (Hazard ID: 2879)
 - UST 2674 (ADEC Hazard ID: 2880)
 - c. Potential Removal Actions
 - USTs 2762 AB (ADEC Hazard ID: 2881)
 - UST 3065 (ADEC Hazard ID: 2887)



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8. 7:30 – 7:40 Review Next Meeting Dates, Identify Next Steps
 - a. Virtual 3Rs UXO/CWM Safety Training (Department of Public Safety, RAB, and Open to Community Trainings)
 - b. Next RAB Meeting: Virtual, 13 August 6-8pm
 - Little South America
9. 7:40 – 7:50 Other Announcements/ Unplanned Items/ Open Discussion
 - a. Recap of Old Business / New Business
10. 7:50 – 8:00 Contact Information and Closing Remarks
 - 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
11. 8:00 Adjourn

Amaknak Formerly Used Defense Site
Restoration Advisory Board
DRAFT Meeting Minutes

Thursday, May 6, 2021
1804-1953

Attendees:

- | | |
|-----------------------------------|----------------------------|
| Alyssa K. McDonald | Cascade Galasso-Irish |
| Okalena Patricia Lekanoff Gregory | Mike Livingston |
| Virginia Hatfield | Forrest Kranda |
| Kale Bruner | Elise Contreras |
| Jay Edward King | A. Barbara Rankin |
| David M Gregory | Dennis Shepard |
| Rena Flint | Elena Ramirez |
| Jim Paulin | Natalie Cale |
| Kendall Campbell | Bob Cummings- City |
| Tom Reed | Engineer- City of Unalaska |
| Ben Leon-Gurrero | Denise Rankin |

Agenda:

- | | |
|-----------|---|
| 1804-1813 | Introductions |
| 1813-1813 | Revise/Adopt March 16, 2021 Minutes |
| 1813-1822 | Local Updates/ Community Introductions/ Public Comments |
| 1822-1911 | Deeper Dive into Remaining CON/HTRW Sites |
| 1911-1928 | Schedule next Meetings |
| 1928-1944 | Other Announcements/ Unplanned Items/ Open Discussion |
| 1944-1950 | Contact Information and Closing Remarks |
| 1953 | Adjourn |

**Introductions
1804-1813**

Rena Flint
- Induction of Jim Paulin to Restoration Advisory Board (RAB)

Jim Paulin
- Living on Unalaska since 1996, journalist covering U.S. Army Corps Engineers (USACE) and Formerly Used Defense Sites (FUDS), visited Cape Prominence in 2019.

- Familiar with the community, events, meetings.
- Roll Call 1807-1809, all board members present, and quorum accepted

Rena Flint

- Feedback on community priorities for 8 areas with petroleum contamination remaining
- Which of the 8 is the preference to remediate next
- Discussion of goals and objectives?

David Gregory

- Progress with current agenda

Rena Flint

- Review Mission Statement
- Mission is to establish and maintain a forum with all stakeholders for the exchange of information and open dialogue
- Review technical documents and provide comments
- advise USACE on proposed environmental restoration activity

Revise/Adopt March 16, 2021 Minutes 1813-1813

Rena Flint

- Motion to revise or adopt last meeting minutes
- Motion made and seconded

Local Updates/ Community Introductions/ Public Comments 1813-1822

Rena Flint

- Open meeting to public comments or discussion

Kendall Campbell

- Technical points, housekeeping protocol, and introductions

Introductions

- Qawalangin Tribe
 - Elena Ramirez- A number of people have reached out to the tribe regarding accessing RAB documents, is there any other resources available such as to access digital resources?

Rena Flint

- XDocs is a good resource to check out documents on web: <https://fudsportal.usace.army.mil/>
- Can also assist by emailing or mailing documents to requestors

- Ounalashka Corporation

- None/ No Comment

- Aleut Corporation
 - Ben Leon-Guerrero- Aleut Corp. Lands Manager present.
- Aleutian Pribilof Islands Association
 - None/ No Comment
- City of Unalaska
 - Robert “Bob” Cummings- City Engineer for City of Unalaska

- Dennis Shepard- Alaska Department of Environmental Conservation
 - Present at meeting, happy to hear what the plans are and status of the sites.

USACE Team Introductions

- Kendall Campbell- Tribal Liaison
- Forrest Kranda- FUDS/NALEMP Archaeologist
- Tom Reed- Environmental Engineer

**Deeper Dive into Remaining CON/HTRW Sites
1822-1911**

Rena Flint

- Remaining petroleum sites Containerized/ Hazardous, Toxic, Radioactive Waste (CON/HTRW)- Containerized sources of environmental contamination
- 8 CON/HTRW regions in Unalaska Area, Amaknak FUDS
- Aids included in packets to help with discussion
- Open discussion on sites to the board

David Gregory

- Made a list of sites on Unalaska
- PCB (polychlorinated biphenyl) sites, at least two near Unalaska (Building 551 and Fort Schwatka) (Rena Flint- Will discuss later in meeting)
- Number of other sites spread-out all-over the island.
- Rocky Point APL Yard Thermal Treatment Area- We want to keep an eye on.

Tom Reed

- Thermal Treatment Area- Within the fenced in Delta Western Fuel Farm on Rocky Point

David Gregory

- Little South America (LSA) Latrine 1- High samples, hard to reach
- Unalaska Valley Underground Storage Tank 3065 (UST 3065)- In Unalaska Valley concrete foundation removed as part of debris cleanup- now good spot for FUDS to take a look at, near a creek so is a concern

Rena Flint

- Little South America and Unalaska Valley

Jay King

- Unalaska Valley

- Pre-World War II Tank Farm
- Summers Bay in Humpy Cove- Community primary entertainment/relaxation venues-
- Look at places where people are more engaged in the environment
- Ballyhoo Spit and Mt. Ballyhoo
 - City has a dredging project, not sure on impact that will result in work on those areas
 - City also has joint venture for laying fiberoptic cable
 - Anywhere digging or dredging is happening need to consider soil contamination

Elena Ramirez

- Will there be an overview of the scope of petroleum impacts for each of the eight sites being discussed/considered?

Rena Flint

- Unalaska Valley- 7 remaining FUDS Impacts
- Pyramid Valley- 3
- Summer Bay – Humpy Cove 3
- Margaret Bay – 4
- Museum of Aleutians – 1
- Mt. Ballyhoo – 4
- Ballyhoo Spit- Tank Farm
- Little South America Latrine
- Information on the sites in the packet sent out as well as response strategies, description, and document numbers for finding additional documents.

Elena Ramirez

- Beyond number of impacts- describe what the amount of the impacts are at each site

Rena Flint

- Unalaska Valley
 - Large military buildup after Fort Mears attack, around 280 Cabanas (Huts), and latrines, mess halls, etc. Each facility has its own heating oil tank.
 - USACE accomplished a good amount of work in the area, documentation needs to be updated.
 - Can search for information via XDocs
 - Need to look at residual petroleum contamination that may be difficult to remove so may need to look at Institutional Controls (ICs) and what we need to do to deal with 7 remaining impacts.
 - Unalaska Valley high priority- Residential, relatively easy to reach, large quantity of impacts.
- Pyramid Valley
 - 4 Contaminated sites, one shows Cleanup Complete on Alaska Department of Environmental Conservation (ADEC) database: <https://dec.alaska.gov/spar/csp/>
 - Drum Dump, Underground Storage Tank (UST), and another Drum Dump
 - Also need to check past work at the sites to determine what needs to happen moving forward.

- Summer Bay
 - 7 sites in the area
 - Some work has been accomplished but work remains, have some clean areas
 - Approx. 3 areas left to target, open to discussion
 - Approximately \$350,000 and 60% complete
 - Explore options moving forward
- Margaret Bay to Airport
 - 5 cleanup complete areas per ADEC database
 - Can add three more to list
 - About 4 left still need to be looked at
 - Solution will be a combination of things

Tom Reed- Clarify- We removed all USTs and Drums what is left is petroleum, oil, and lubricants (POL) contamination in soil.
- Museum of Aleutians
 - 1 impact at corner of bldg. former UST 820, larger feature
 - During process of removal ran into a Midden (site associated with past human occupation), need to figure out how to address moving forward at that area.
- Mount Ballyhoo (Fort Schwatka)
 - 4 remaining concerns-
 - 3 cleanup complete and proposing one more based on historical records.
 - There are potential PCB concerns.

Ballyhoo Spit

- One site, complicated, needs additional investigation. Needs Remedial Investigation/ Feasibility Study (RI/FS) and Removal Design/ Removal Action (RmD/RmA).
- About 25% mitigated at that site compared to others.
- Further investigations along the spit to figure out petroleum sources and potential soil removal areas

Little South America

- Three remaining impacts up there, one of them is the Latrine 1 site.
- About 30% complete at that site, requires more coordination, evaluation, look at institutional controls, and see what's possible for soil removal.

Cascade Galasso-Irish

- Could you describe for the RAB why the rocky point management area is not in the 8 areas on the list? (thermal treatment plant, tank farms)

Tom Reed

- That site was used after World War II by Chevron and then Delta Western- other parties involved, falls under Potentially Responsible Party (PRP) Program.
 - To move forward all three parties need to meet to figure out amount of responsibility per party (DoD, Chevron, and Delta Western)
 - Part of PRP program due to beneficial use after World War II
 - USACE portion may be done, up in the air

Cascade Galasso-Irish

- Good discussion clearing up the status of that site.

Rena Flint

- At the 8 petroleum regions we can make a big impact, focus on those regions first then tackle the more complicated stuff after.
- Motions on the table to priority sites

Jay King

- City projects going on that may impact accessibility at Ballyhoo
- Main areas suggest LSA Latrine, Unalaska Valley, and Summers Bay

Denise Rankin

- The Ounalashka Corporation (OC) owns a lot of the land the sites are on; can OC list their priority sites to the FUDS program?

Rena Flint

- Yes!

Elena Ramirez

- Just a minor correction about the Tribe's work on Fort Schwatka PCBs in transformer vault characterization, we did see low level PCBs at most, if not all of the locations we tested, but these concentrations were lower than action levels for FUDS and ADEC cleanup levels.

Rena Flint

- PCBs were lower than ADEC levels, FUDS alternate cleanup levels not used as they were lower than ADECs.
- Can mail a copy of that report to anyone interested

Jay King

- Museum of Aleutians- 40% of that project complete and had one main issue that needed to be addressed.
- With the \$350,000 price tag, how specific is the task for that particular project?

Rena Flint

- Complex because cultural resources intermixed with petroleum contamination will require a great deal of coordination to remediate that site

Jay King

- Mainly preservation issues?

Forrest Kranda

- Yes, cultural preservation issues more than just preservation probably involve some form of mitigation and consultation with landowners, stakeholders, and interested parties.

Decision Board Summary

Top Priority

- Unalaska Valley x3 votes

Secondary Priorities

- Little South America x2 votes
- Humpy Cove x1 vote
- Mt. Ballyhoo x1 vote
- Pyramid Valley x1 vote

Elise Contreras

- Top concerns for tribe are Unalaska Valley, little South America, and Mt. Ballyhoo

David Gregory

- Listed under the task are default and alternative cleanup levels
- Did landowners have to approve alternative cleanup levels being used on their land?

Tom Reed

- Since FUDS is not a landowner, they need landowner concurrence to implement alternate cleanup levels.

Cascade Galasso-Irish

- Landowners must be provided ability to make the decision.

David Gregory

- So, landowner would have veto power to establish a more restrict cleanup level?

Tom Reed

- Technically with petroleum on FUDS projects the government could look at risk and then cleanup to alternative cleanup levels, but not current practice.

Rena Flint

- No what is preferred, USACE wants to work with landowners, any questions regarding Alternate Cleanup Levels (ACLs) please ask.

David Gregory

- Driven by land use, Rocky Point has different cleanup levels, but at areas with housing those levels do not make sense.
- As we discuss the sites it will come up.

Tom Reed

- Cleanup levels can be driven by migration to groundwater, in areas with no groundwater then cleanup levels for human health would kick in which are considered alternative cleanup levels.

Rena Flint

- Method 2 is not an alternate clean up level and under that method is human health.

Cascade Galasso-Irish

- Still protective of human health but would kick in if migration to ground water was not applicable.

Rena Flint

- Alternative level is not quite the right terminology (i.e. not an alternative cleanup level).

Dennis Shepard

- Deal with on a site by site basis and determine potential impacts that drive alternative cleanup levels with landowner concurrence.
- May be looking at an alternative that is not Method 2.

Break
1911-1928

Rena Flint

- What does the RAB want their role to be? How can we accomplish the priorities?

David Gregory

- Mission is what we have been doing tonight- gauge community concern about sites, local folks can meet contacts to discuss their priorities and forward that along to USACE.
- Will be a big help with the community to use resources as based we can.

Jay King

- Role is to be a liaison between the community and the cleanup efforts.
- My role working with DPS is to make sure to point out any safety concerns.

Alyssa McDonald

- In accordance with previous comments with:
 1. Liaison and
 2. Learning about areas, priorities, and getting that out to the community. Site walk throughs would be beneficial.

Rena Flint

- Hoping to make a site visit possibly end of June, pandemic and safety precaution permitting.

Dave Gregory

- Implore all RAB board members to look at ADEC database/map system to get a good framework for where the sites are and review the data. Website: <https://dec.alaska.gov/spar/csp/>

Alyssa McDonald

- ADEC is currently down for maintenance, but it is a good site.

Dennis Shepard

- Geographic Information System (GIS) coordinator currently out for another week or two so the database/map will be down for a little longer. Favorite site to point people to understand the site,

potential impacts, and adjacent sites.

- Priorities areas based on impacts: Which of the sites in Unalaska Valley are those 7 impact sites?

Rena Flint

- UST 2664, 3260, 2667, 2667AB, 2674, 2762, 3065 are the sites we need to take a deeper dive, and address remaining impacts
- Paperwork may not have caught up with some of the sites.
- In Unalaska FUDS and ADEC have taken opposite approaches on labeling the sites where ADEC listed every impact as a site and FUDS looks at it more regionally. For example, Yakutat is one hazard ID, just difference in management.

Tom Reed

- Amaknak one of first projects for USACE/ADEC so early on and probably why the breakout of the impacts, but now we are stuck with the original names and sites.

Dennis Shepard

- Way ADEC does it now is to make one site with multiple areas of concerns

Rena Flint

- Part of it is paperwork we need to align systems to get on the same page

Dennis Shepard

- ADEC will look at each one site by site and then make the call on those

Schedule next Meetings 1928-1944

Rena Flint

- Virtual Safety Training by UXO (Unexploded Ordinance) specialist
- In person UXO Safety training after September.
- Different training for different groups (i.e. First Responders vs. Tribe)
- Dates for Virtual Training on Military Munitions and Chemical Warfare Munitions

Jay King

- When would the training take place and what are the hours?

Tom Reed

- May have been an all-day training.

Alyssa McDonald

- July 8

Elena Ramirez

- August

Kendall Campbell

- Want to make sure what ever date the training gets scheduled for does not interfere with other local activities.

David Gregory

- August might work

Rena Flint

- Trainer is in Alabama what time would work best?

Elena Ramirez

There are a number of community events in July and August....pretty busy in summer for events.

Jay King

I'd like some focused for Department of Public Safety so I can include officers

Elena Ramirez

It might be good to offer a variety of dates/times instead of different groups.

Jay King

I want to take part in a group session

Dave Gregory

I would think a focused session for the RAB

Jay King

1) Department of Public Safety (DPS)

2) RAB

3) Open to Community

Rena Flint

- Trainer is a USACE specialist, can be virtual or in person. Perhaps broadcast on Channel 8 or record?

- Will pick July 8th and a few days in august and use the RAB to access the best date/time.

David Gregory

- Agrees

Rena Flint

- Schedule next several RAB meeting

- Rena will try to be in Unalaska in June-

Jay King

- June 24 is last Thursday of the month

David Gregory

- Agrees, would be good to have a in person meeting

Elena Ramirez

- The Tribe has a council meeting that night.

David Gregory

- Could be another day

Rena Flint

- June 28-29 (Monday- Tuesday)

David Gregory

- Monday might work.

Rena Flint

- Objections to 28 June for next meeting?

Jay King

- 28th Works for me in my calendar

Rena Flint

- What about July?
- Vacation in July but team can cover, returning August 9th if people want to wait

David Gregory

- August 9 sounds good

Jay King

- August 12 is following Thursday

Rena Flint

- Works for me

Jay King

- July 8 is second Thursday in July, very close to June

Virginia Hatfield

- Avoid second Thursdays of the month, museum board meetings occur then.

Rena Flint

- Friday 13th?

Jay King

- Second Friday evening

Other Announcements/ Unplanned Items/ Open Discussion 1944-1950

David Gregory

- Leaving Unalaska to move into Anchorage to be with mother so will not be able to continue on as chair, who ever chair is should be in Unalaska, but will stay on the board, but will see how it goes.

Virginia Hatfield

- Dave could still serve as Chair because he is so intimately tied to region and knows it so well. Just because he is not present, does not see it as a problem.

Dave Gregory

- Up to now I have resources at Ounalashka Corporation (OC) to be involved, since no longer working at OC it would be harder to do that. Whoever is the chair needs to be in Unalaska

Rena Flint

- Can take time between now and the next meeting to figure out who will take over Dave's position.
- Will help whoever is the co-chair

Kendall Campbell

- Colonel Delarosa is planning to visit Unalaska in end of June, schedules are open and planning on doing some visits to sites and work areas, and tribal discussion
- Colonel Delarosa places high priority on viewing work on the ground and tribal trust relationships.
- Wants to take some time to look at areas of concern, many of those sites overlap with RAB interests.
- If can overlap with RAB meeting that would be good.
- Hoping for opportunity to visit with people while there

Rena Flint

- Any other announcements or open discussion?
- None.
- Thanks to Jim for joining the RAB, excited to have such a robust board with great interest and discussion.

Contact Information and Closing Remarks 1950-1953

Rena Flint

- Feel free to call or email
- Public Affairs is available as well
- Closing comments from board members?

Jay King

- Motion to adjourn early

Okalena (Patty) Patricia Lekanoff-Gregory

- Seconded motion to adjourn early

Rena Flint

- Will work on getting three more trainings.

Adjourn 1953

Decision Board

Top Priority

- Unalaska Valley

Secondary Priorities

- Little South America

- Humpy Cove

- Mt. Ballyhoo

- Pyramid Valley

Virtual Safety Training by UXO specialist

When?

Alyssa McDonald- July 8

Elena Ramirez- August

David Gregory- August might work

What Time?

David Gregory- Morning

Elena Ramirez- Morning

O. Patricia Lekanoff- Gregory- Afternoon LOL

Alyssa McDonald- Morning

What Day?

Jay King- Thursday?

For Whom?

- DPS

- RAB

- Open to Community

Next Meetings

June 28th In person

August 13 Virtual

Participants (24)

Search

- Forrest Kranda (Me)
- Rena Flint (Host)
- Campbell, Kendall D CIV USARMY CEPO... (Cohost)
- +19073****22
- 9073****00
- 9073****58
- 9075****76
- 9078****60
- 9079****05
- 9079****40
- AD
- Alyssa McDonald
- Ben Leon-Guerrero
- cascade galasso-irish

Participants (24)

Search

- AD
- Alyssa McDonald
- Ben Leon-Guerrero
- cascade galasso-irish
- Dennis
- Elena Ramirez
- Elise Contreras
- gregory
- Jay King
- Jim
- Kale
- Michael Livingston
- O. Patricia Lekanoff-Gregory
- Tom Reed

Webex Chat Transcript

from cascade galasso-irish to everyone: 6:02 PM

Welcome aboard Jim!

from ElenaRamirez to everyone: 6:27 PM

Will there be an overview of the scope of petroleum impacts for each of the eight sites being discussed/considered?

from cascade galasso-irish to everyone: 6:32 PM

Could you describe for the RAB why the rocky point management area is not in the 8 areas on the list? (thermal treatment plant, tank farms)

from ElenaRamirez to everyone: 6:57 PM

Just a minor correction about the Tribe's work on Fort Schwatka PCBs in transformer vault characterization, we did see low level PCBs at most, if not all of the locations we tested, but these concentrations were lower than action levels for FUDS and ADEC cleanup levels.

from Campbell, Kendall D CIV USARMY CEPOA USA to everyone: 7:16 PM

Welcome Back Everyone! Thank you Rena for the break.

from Campbell, Kendall D CIV USARMY CEPOA USA to everyone: 7:17 PM

Please remember I muted everyone so make sure you are not double muted.

from Alyssa McDonald to everyone: 7:29 PM

July 8?

from ElenaRamirez to everyone: 7:32 PM

August

from gregory to everyone: 7:32 PM

August might work

from gregory to everyone: 7:33 PM

Morning

from ElenaRamirez to everyone: 7:33 PM

Morning

from O. Patricia Lekanoff-Gregory to everyone: 7:33 PM

Afternoon LOL

from Alyssa McDonald to everyone: 7:33 PM

morning

from Jay King to everyone: 7:33 PM

Of course he is from Alabama

from Jay King to everyone: 7:34 PM

Are we still looking at sticking to Thursday

from ElenaRamirez to everyone: 7:34 PM

There are a number of community events in July and August....pretty busy in summer for events.

from Jay King to everyone: 7:34 PM

id like some focused for DPS so i can include officers

from ElenaRamirez to everyone: 7:35 PM

It might be good to offer a variety of dates/times instead of different groups.

from Jay King to everyone: 7:35 PM

i want to take part in a group session

from gregory to everyone: 7:35 PM

I would think a focused session for the RAB

from Jay King to everyone: 7:36 PM

1) DPS 2) RAB 3 Open to Community

from ElenaRamirez to everyone: 7:40 PM

The Tribe has a council meeting that night.

from cascade galasso-irish to everyone: 7:53 PM

Thank you Rena!

from Dennis to everyone: 7:53 PM

Thank you for a great RAB meeting. I was pleased to see the wonderful community participation.

Introduction

The purpose of this guide is to provide information about the military training activities that took place at the former Amaknak Military Facilities and to raise awareness of the explosive hazards that may exist at the range.

The former Amaknak Military Facilities were used from 1911 to 1952 for a variety of military activities. The site consists of the former Dutch Harbor Naval Operating Base and other facilities on Unalaska and Amaknak Islands. The U.S. Navy first established a communication facility in 1911 and a weather station in 1939. By 1942, the Navy had constructed a port and submarine and seaplane bases. During this same time, the U.S. Army built air and coastal artillery defense sites and support facilities. Most of the former Amaknak Military Facilities were either decommissioned or declared surplus by 1952. An area of the former Amaknak Military Facilities, known as Range Complex No. 1, has been identified through historical research and site visits as having potential explosive hazards. The munitions known or suspected to have been used at the property include medium caliber munitions and small arms ammunition.

Range Complex No. 1 is located on and in the surrounding waters of Unalaska Island in the Aleutian Islands chain of Alaska. The land is publicly and privately owned, and is used for commercial fishing, and residential and industrial purposes.

Because explosive hazards associated with military munitions from past military activities may remain on and in the surrounding waters of Range Complex No. 1, the U.S. Army Corps of Engineers recommends that landowners and visitors follow the **3Rs of Explosives Safety – Recognize, Retreat and Report.**



An example of a medium caliber munition

Former Amaknak Military Facilities

For More Information



US Army Corps of Engineers.

The U.S. Army Corps of Engineers is responsible for identifying, investigating and, when necessary, conducting an appropriate response to address contamination and military munitions resulting from past Department of Defense activities at Formerly Used Defense Sites, also referred to as FUDS.

For information about the former Amaknak Military Facilities, contact the FUDS Information Center by calling the toll-free number 1-855-765-FUDS (3837). For general information about the FUDS Program, visit www.fuds.mil.

Follow the 3Rs of Explosives Safety

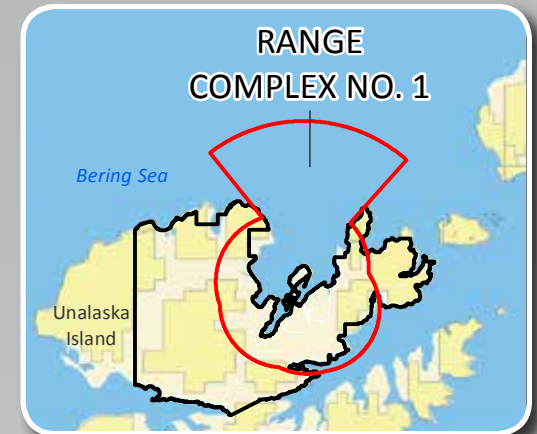


Visit the U.S. Army's Explosives Safety Education website:
3Rs.mil

3Rs Safety Guide

Former Amaknak Military Facilities

**Alaska
Aleutians West**



Range Complex No. 1

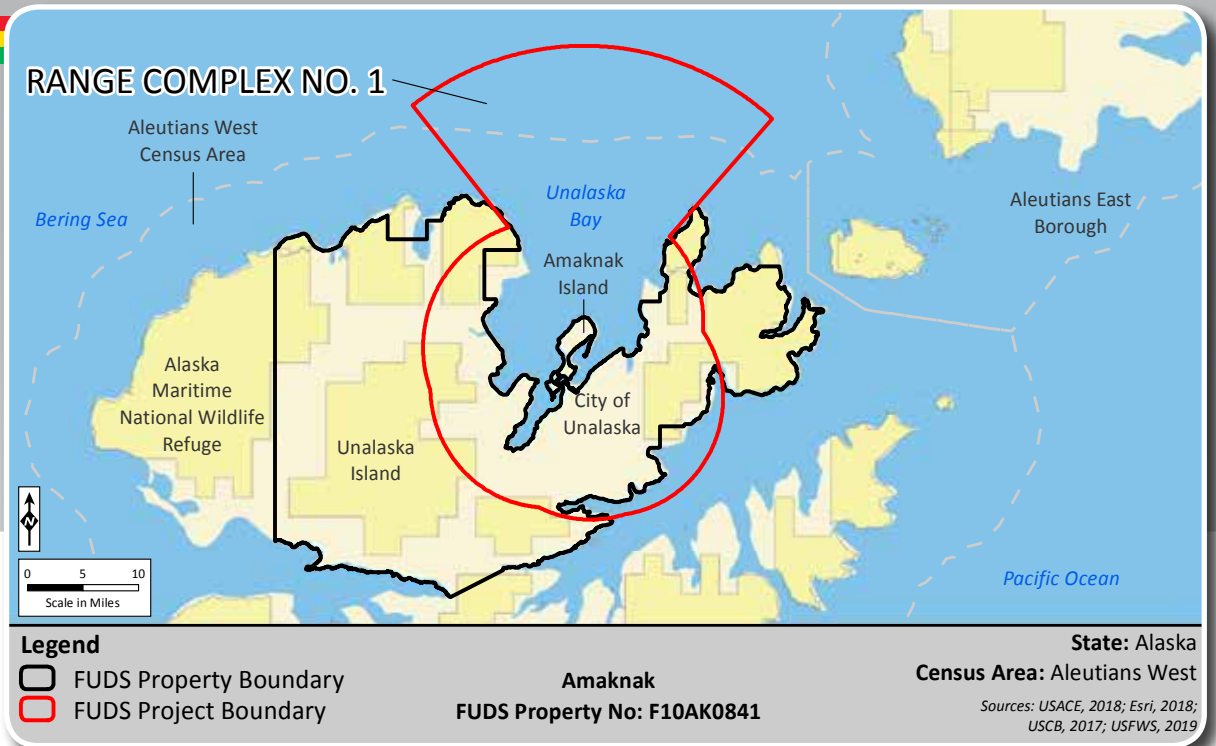


US Army Corps of Engineers.



Source: Library of Congress

Headquarters area of the former Naval Operating Base at Dutch Harbor, Unalaska Island, Alaska



Frequently Asked Questions

Q: What types of potential hazards exist?

A: Military munitions, such as medium caliber munitions and small arms ammunition, were potentially used at the former Amaknak Military Facilities. The U.S. Army Corps of Engineers is unable to rule out the presence of munitions that may pose an explosive hazard.

Q: What do I do if I suspect I may have come across a military munition?

A: If you suspect you may have come across a military munition, the best way to ensure your safety is to follow the 3Rs of Explosives Safety: **R**ecognize – when you may have encountered a munition and that munitions are dangerous; **R**etreat – do not approach, touch, move or disturb it, but carefully leave the area; and **R**eport – call **911** and advise the police of what you saw and where you saw it.

Q: What are the findings of the work that the government has completed?

A: Historical research and site inspections indicate that military munitions were potentially used at these ranges, and some munitions may

remain on the property and in the surrounding waters of Range Complex No. 1. The U.S. Army Corps of Engineers has determined that further investigation is required for Range Complex No. 1 at the former Amaknak Military Facilities.

Q: What will be done next?

A: The U.S. Army Corps of Engineers will make explosives safety education material that is based on the 3Rs available to landowners and the community. Additionally, it will coordinate with landowners as it plans required response activities.

Q: Where can I get more information?

A: For more information, call the Formerly Used Defense Sites Information Center toll-free number 1-855-765-FUDS (3837). Additional information can be found by searching on the property name, Amaknak, in the Geographic Information System tool on the Formerly Used Defense Sites website at www.fuds.mil.

Follow the 3Rs of Explosives Safety

Recognize

when you may have encountered a munition and that munitions are dangerous.

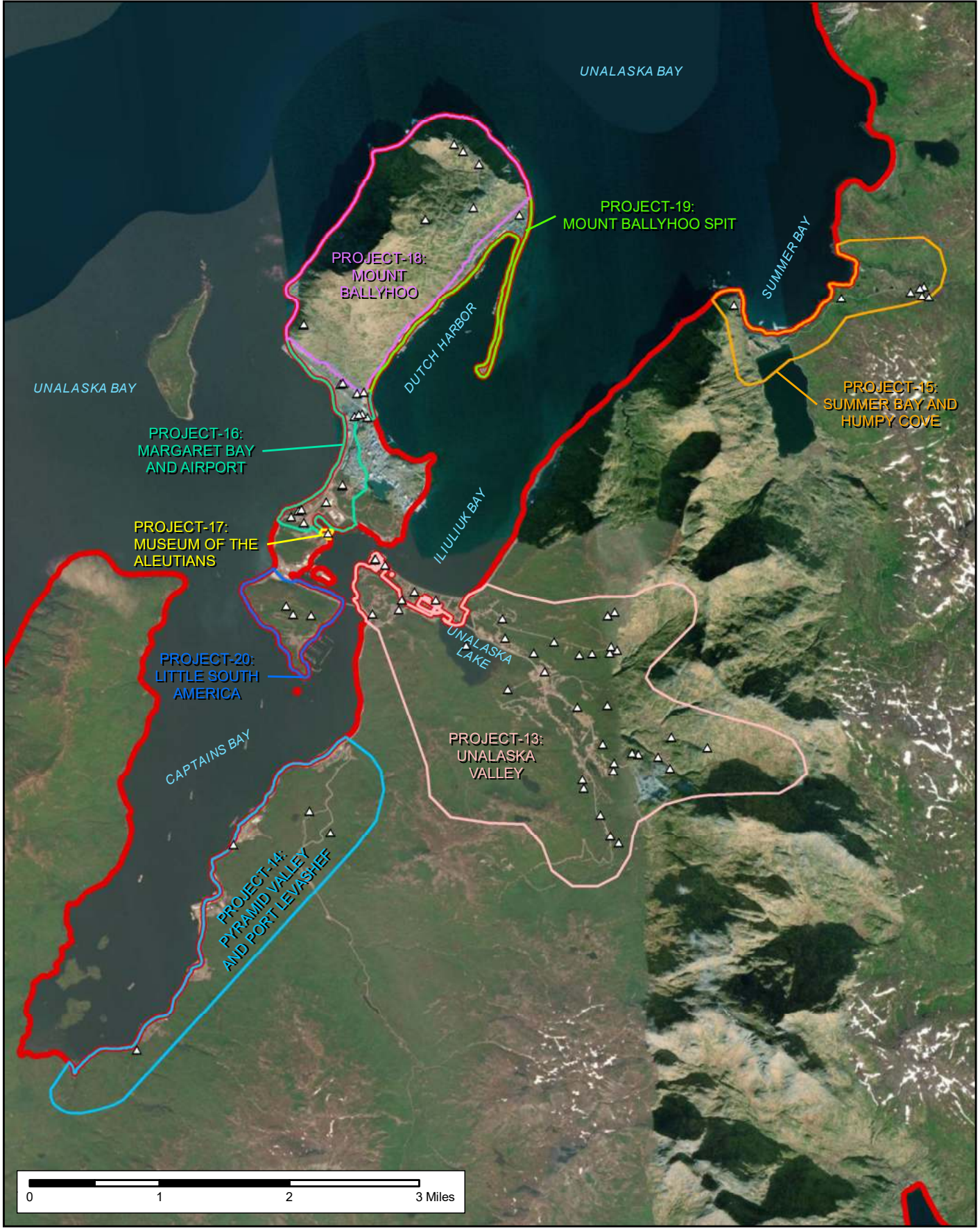
Retreat

do not approach, touch, move or disturb it, but carefully leave the area.

Report

call 911 and advise the police of what you saw and where you saw it.

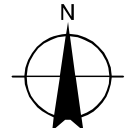
O:\ENP\Public\Engineer\Projects\FUDS_NEW_PROPERTIES\AMAKNAK_F10AK0841\1_MXD\Amaknak_Project_Polygons_ADEC_CS.mxd



Basemap Service Layer Credits: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Notes:
 - Polygons represent project areas
 extents are approximate,
 for visual representation only
Spatial Reference:
 - NAD 1983 2011 StatePlane Alaska 10 FIPS 5009 Ft
 - Projection: Transverse Mercator
 - Datum: NAD 1983 2011

Legend
 Δ ADEC Contaminated Sites



U.S. ARMY
 CORPS OF ENGINEERS
 ALASKA DISTRICT

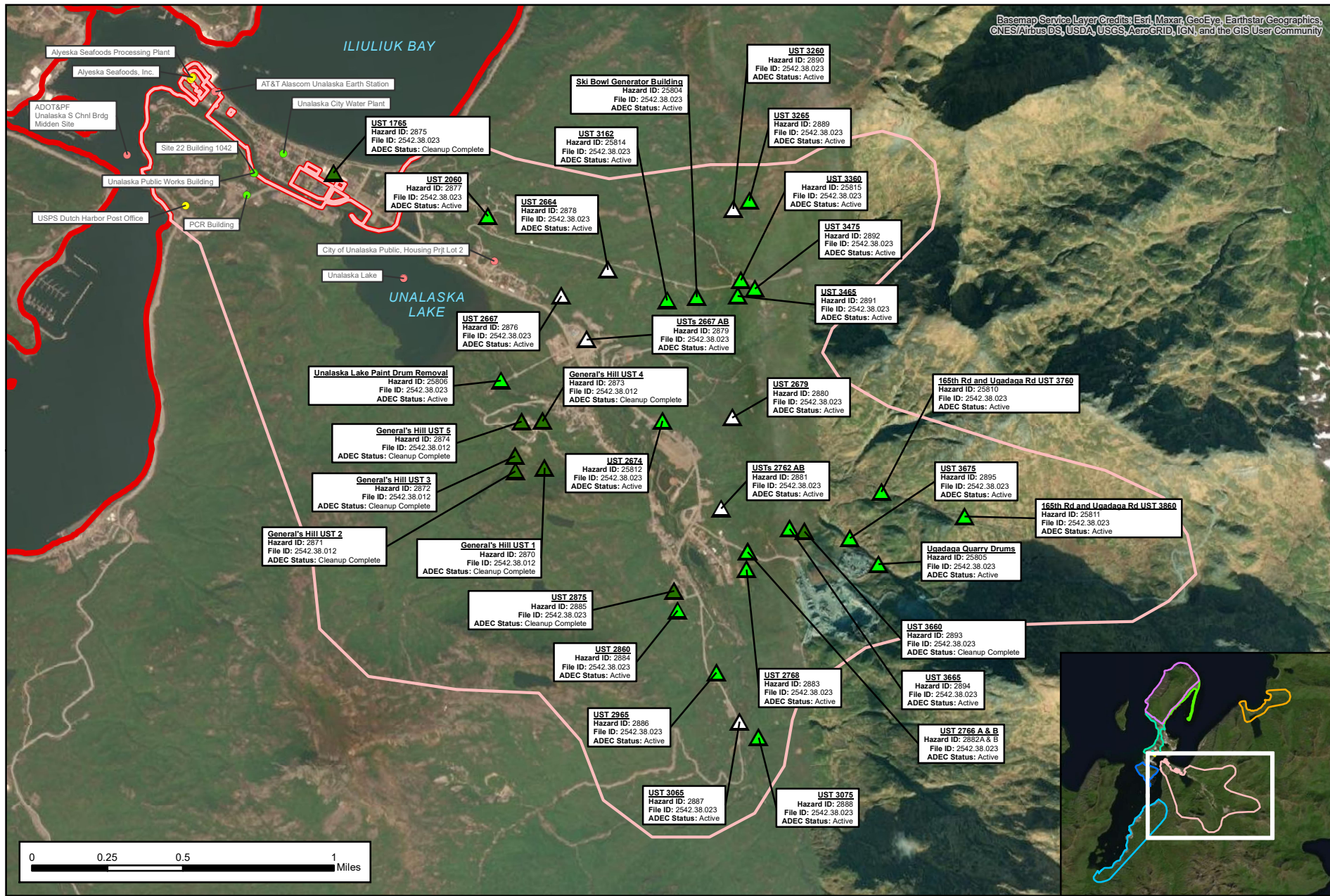
**AMAKNAK
 F10AK0841 PROJECTS 13-20
 UNALASKA ISLAND, AK**

DATE:
11 SEP 2020

PROJECT MANAGER:
R. FLINT

FIGURE NO:
3

C:\Users\jhpmeier\Documents\Amaknak\AMAKNAK_F10AK084111_MXD\Final_Updates\Horizontal\1_Amaknak_ADEC_CS_Unalaska Valley.mxd



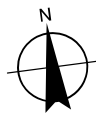
Coordinate System: NAD 1983 2011 StatePlane Alaska 10 FIPS 5010 Feet -Projection: Lambert Conformal Conic -Datum: NAD 1983 2011

- ADEC Contaminated Site Status**
- FUDS
- ▲ Cleanup Complete
 - Proposed Cleanup Complete
 - ▲ Active

- Non-FUDS
- Cleanup Complete
 - Cleanup Complete - ICs
 - Active
 - FUDS Property Boundary

- Project-13: Unalaska Valley
- Project-14: Pyramid Valley-Port Levashef
- Project-15: Summer Bay-Humpy Cove
- Project-16: Margaret Bay-Airport
- Project-17: Museum of the Aleutians
- Project-18: Mount Ballyhoo

- Project-19: Mount Ballyhoo Spit
 - Project-20: Little South America
- Notes:**
- Polygons represent project areas extents are approximate, for visual representation only
 - Contamination site points downloaded from ADEC SPAR Online Services, Contaminated Sites Search online database



PROJECT MANAGER:
R. FLINT

DATE:
04 MAR 2021

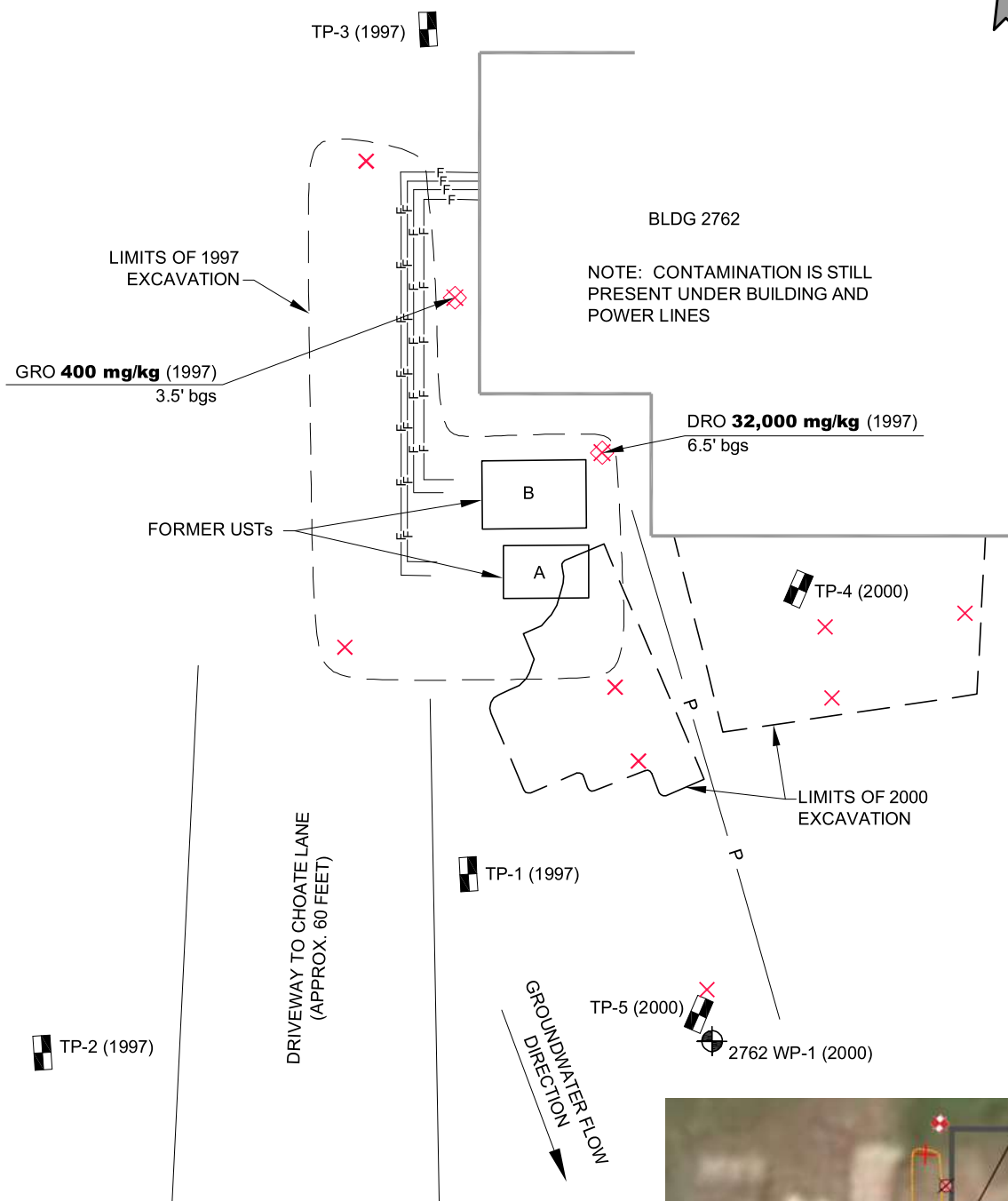
DRAWING
L. CHOP

**PROGRESS AND PRIORITIZATION OF REMAINING IMPACTS:
PROJECT-13: UNALASKA VALLEY**



AMAKNAK F10AK0841
UNALASKA ISLAND, AK
U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

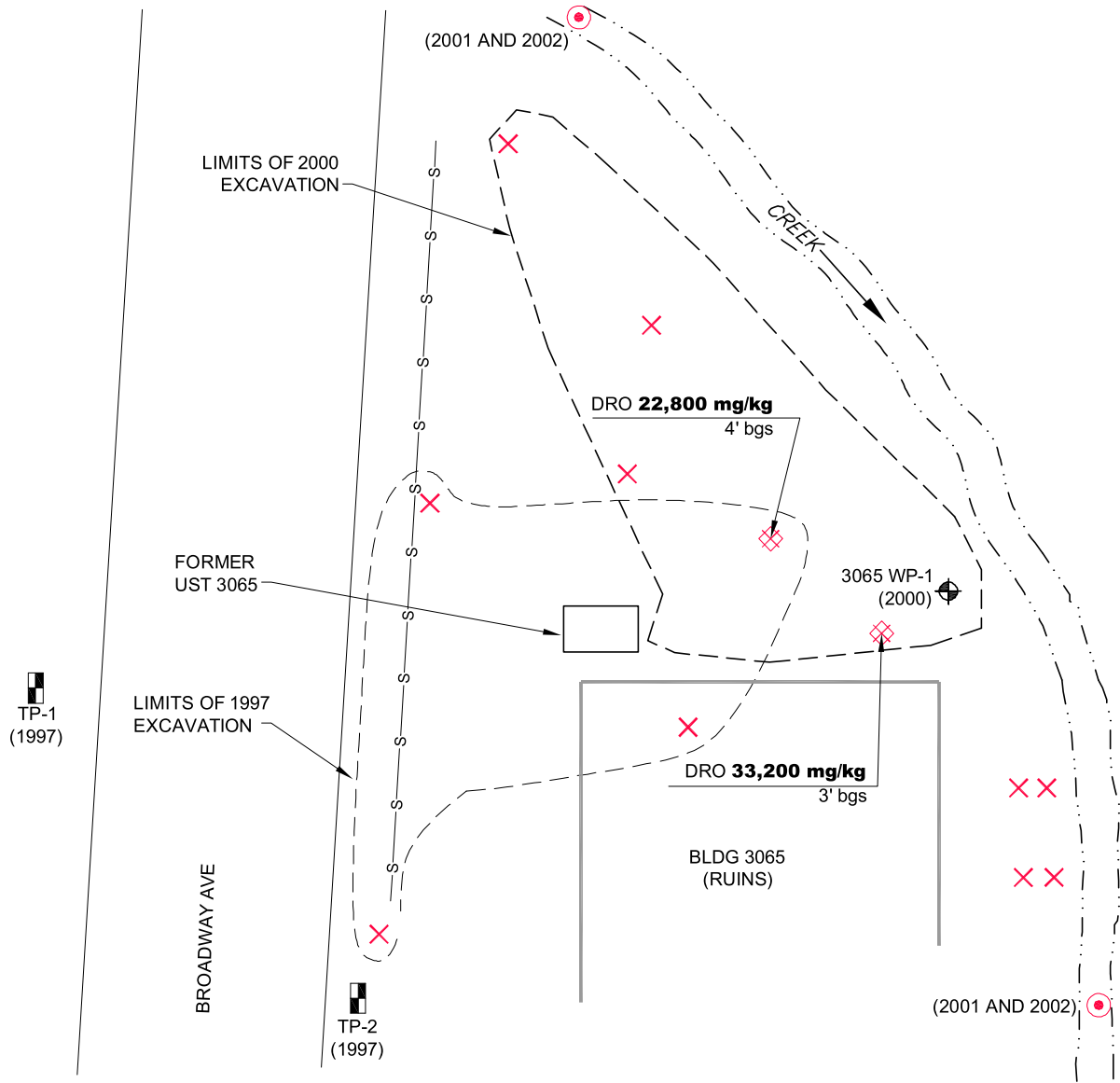
FIGURE NO:
1









- LEGEND:**
- WELL POINT (INSTALLATION DATE)
 - TEST PIT (TP) (INSTALLATION DATE)
 - ANALYTICAL SAMPLE LOCATION
 - ANALYTICAL SAMPLE LOCATION WITH AT LEAST ONE RESULT EXCEEDING CLEANUP CRITERIA
 - POWER LINE
 - FORMER FUEL LINE

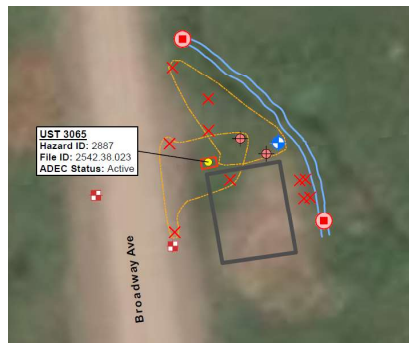


Underground Storage Tanks 2762 AB



LEGEND:

-  WELL POINT (INSTALLATION DATE)
-  TEST PIT (INSTALLATION DATE)
-  ANALYTICAL SAMPLE LOCATION
-  ANALYTICAL SAMPLE LOCATION WITH AT LEAST ONE RESULT EXCEEDING CLEANUP CRITERIA
-  SURFACE WATER-SEDIMENT SAMPLE LOCATION (COLLECTION DATE)
-  SANITARY SEWER LINE



Underground Storage Tank 3065

PUBLIC NOTICE

The U.S. Army Corps of Engineers, Alaska District announces the following regarding Amaknak Formerly Used Defense Site (FUDS) restoration activities
an Open House

Monday, June 28, 2021, 1:00pm – 2:00pm
Unalaska Public Library, 64 Eleanor St, Unalaska, AK

a Restoration Advisory Board and Public Meeting

Monday, June 28, 2021, 6:00pm – 8:00pm
Grand Aleutian Hotel Makushin Room, 498 Salmon Way, Unalaska, AK
Teleconference Call: (844) 800-2712, Access Code: 199 212 1820#

a virtual Restoration Advisory Board and Public Meeting

Friday, August 13, 2021, 6:00pm – 8:00pm
Teleconference Call: (844) 800-2712, Access Code: 199 212 1820#

a virtual Unexploded Ordinance and Chemical Agent Recognize, Retreat, Report Safety Training

Monday, August 30, 2021, 12:00pm – 2:00pm
Teleconference Call: (844) 800-2712, Access Code: 199 212 1820#

For more information, please contact Ms. Rena Flint, FUDS Project Manager,
by phone at (907) 753-2680 office, (907) 201-3108 cell, or by email at Rena.B.Flint@usace.army.mil.
Please visit <https://www.poa.usace.army.mil/Library/reports-and-Studies>, under the “Documents Available for Review” section, under the Environmental Cleanup section.