



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, March 1, 2023

City Council Chambers

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Melissa Scully
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AGENDA

1. 6:00 – 6:10 Welcome and Introductions

a. Opening Remarks

b. Roll Call/ Quorum

<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

d. Community Introductions

2. 6:10 – 7:00 Business Meeting

a. Revise/ Adopt November 9, 2022 Minutes



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- b. Induct New Members: Ben Leon-Guerrero and Michael Tutiakoff
- c. Biennial RAB Assessment
- d. Expansion RAB Assessment – Fort Glenn, Chernofski Harbor Supply and Storage Site, Fort Learnard, Ugadaga Bay Station
- e. Revise/ Adopt Mission
- f. Revise/ Adopt Operating Procedures/ Bylaws

~ ~Break TBD~ ~

- 3. 7:00 – 7:20 Local Updates/ Public Comment
- 4. 7:20 – 7:30 Fort Glenn and Fort Learnard FUDS (Jeremy Craner/ Carrie Nelson)
 - a. Fort Glenn FUDS
 - 1. Overview/ Update
 - 2. Military Munitions Response Site Prioritization Protocol (MRSP) Score Update
 - b. Fort Learnard FUDS
 - 1. Range Support Center (Military Munitions Design Center)
 - 2. Overview/ Update
 - 3. Systematic Planning Process (SPP)/ Public Meeting
- 5. 7:30 – 7:55 Amaknak FUDS
 - a. Draft Work Plans
 - 1. Pre-WWII Tank Farm LTM
 - 2. Unalaska Valley
 - b. Upcoming Contract Awards
 - 1. RAB Community Relations
 - 2. Summer Bay-Humpy Cove
 - 3. Little South America
 - c. Upcoming Sites Visit (April 20-21)/ Systematic Planning Process to follow
 - 1. Range Complex No. 1 MMRP RI/FS
 - d. Future Work Planning: Environmental Assessment/ Cultural Resources Coordination
 - 1. Pyramid Valley- Port Levashef



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2. Museum of the Aleutians
 3. Margaret Bay-Airport
 4. Mount Ballyhoo
 5. Ballyhoo Spit
6. 7:50 – 7:55 Review Next Meeting Dates, Identify Next Steps
 - a. Next RAB Meeting: Hybrid (In-person and Virtual), May (Wednesday)
 1. May 3, 10, 17
 2. Keep in mind tentative May 13 Amaknak FUDS Unalaska Valley fieldwork kickoff; 4th week of every month City Council, OC Board, and Q Tribe Council meetings (May 23-25); May 29 Memorial Day
 - b. Next Steps/ Action Item Review
7. 7:55 – 8:00 Other Announcements/ Unplanned Items/ Open Discussion
 - a. Recap of Old Business / New Business
8. 8:00 Contact Information and Closing Remarks, Adjourn

Amaknak FUDS

- 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

Fort Learnard FUDS/ Fort Glenn FUDS

- a. Jeremy Craner
(907) 753-2628
Jeremy.D.Craner@usace.army.mil



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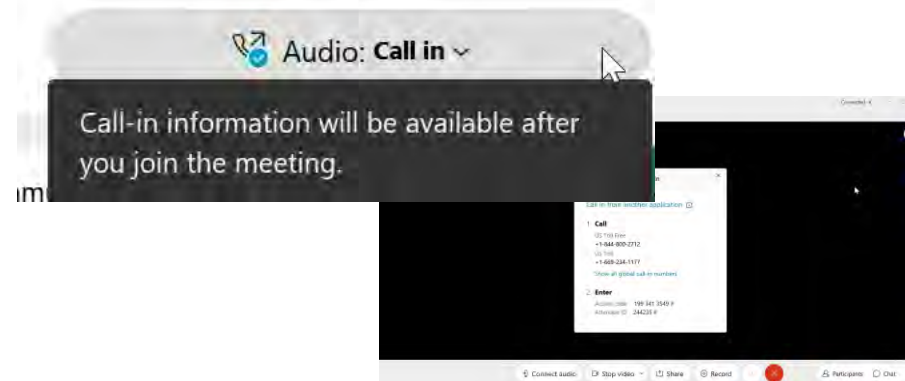
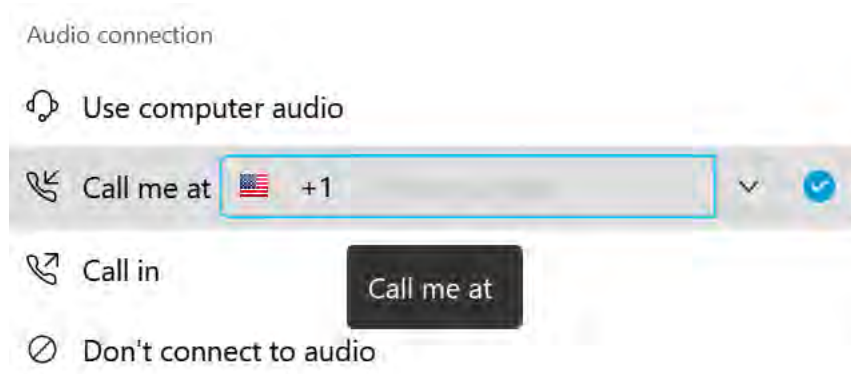
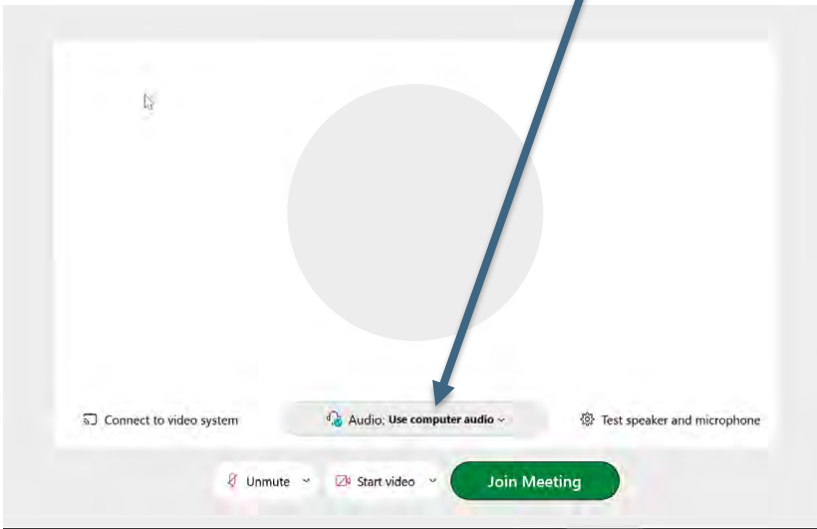
- 1) You may be given the option in the upper left-hand corner to enter in your name and email address. If so, please provide your **FULL NAME** (and **AFFILIATION**, if applicable).
- 2) You will also be asked to select your audio option. See Slide 3 for instructions on selecting audio.
- 3) You will have the option to unmute your audio. Should you choose to enter the space unmuted, click the “Unmute” button on the interface. You will also have the option to unmute once you enter the space.
- 4) You have the option to start your video. See slide 4 for instructions on starting your video.
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3



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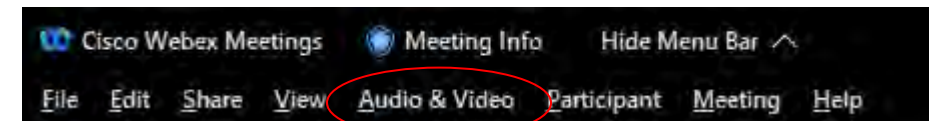
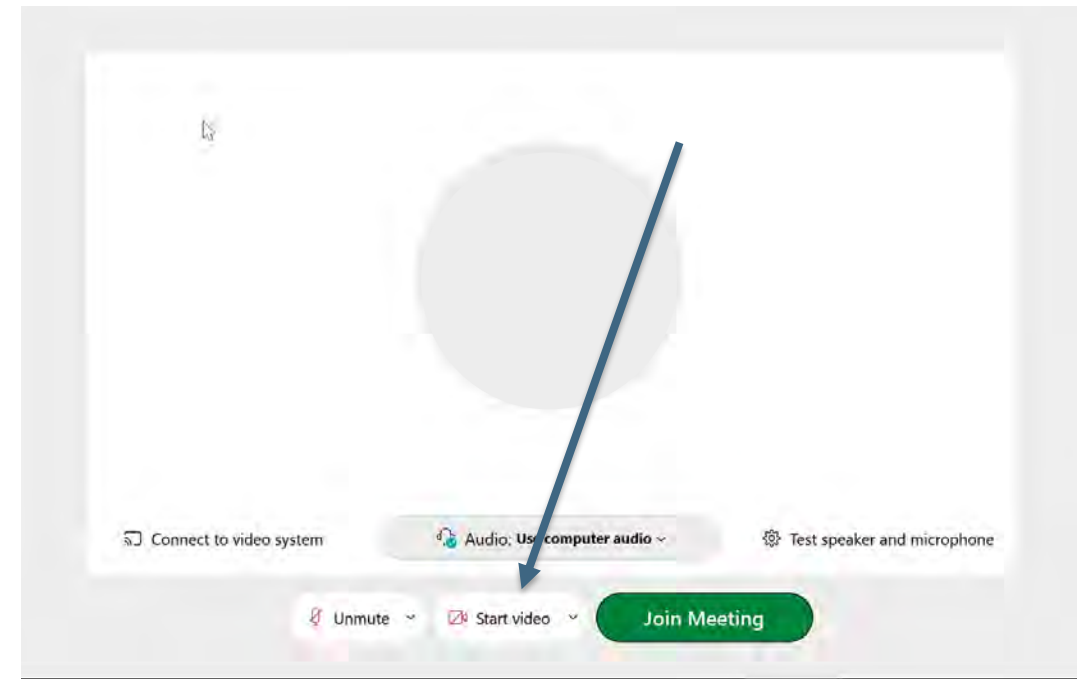
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TURNING ON YOUR VIDEO

To start your video,

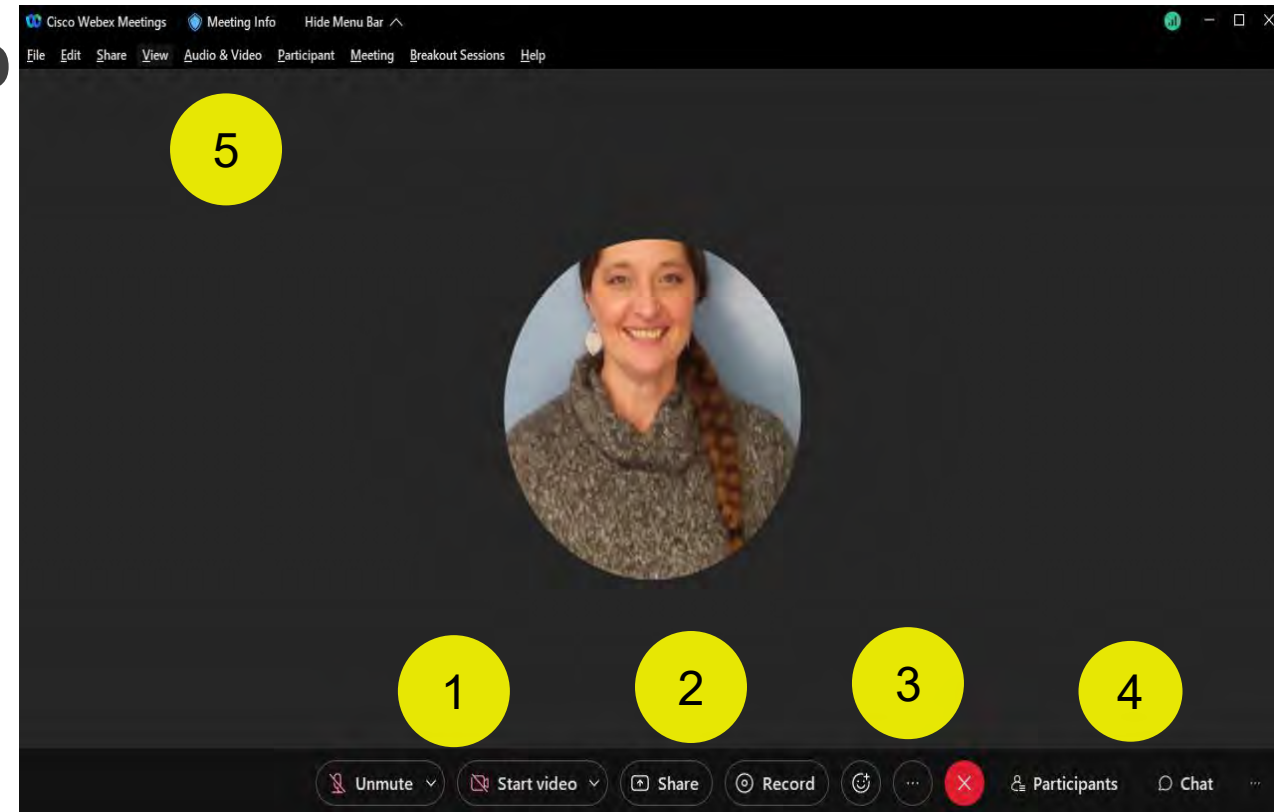
- 1) Choose your video technology (if you have options).
- 2) Click the button that says, “Start video.” You will then see that the red camera turns black/green and the button now says, ‘Stop video’. That means your video will be on when you enter the meeting space.
- 3) You will then be able to see a preview of your video.
- 4) Should you choose, in the upper toolbar, you may also select to change your background by clicking Audio & Video.





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- 3) The three dots allow you to switch audio, connect to a video system, or share the meeting sign in information
- 4) The Participant button allows you to see who is participating in the meeting online and how many call-in participants have joined the meeting. The chat allows you to chat with all participants or individual participants during the meeting
- 5) The options above are also available in the drop-down menu along with additional meeting options



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November 9, 2022, Minutes. Amaknak Formerly Used Defense Site (FUDS) Restoration Advisory Board (RAB)

1. Welcome and Introductions
 - a. Rena Flint, U.S. Army Corps of Engineers (USACE) project manager, provided opening remarks.
 - b. RAB Roll Call/Quorum
 - i. Present: Denise Rankin (virtual), Jay King, & James Paulin
 - ii. Absent: Patty Gregory, Kale Bruner, Dave Gregory, Elise Contreras, and Alyssa McDonald
 - iii. Rena commented that although the RAB does not have a quorum they will still be able to conduct RAB business meeting using the current agenda.
 - iv. The present RAB members in attendance agreed to conduct RAB business without a quorum.
 - c. Meeting Goals and Objectives
 - i. Rena reviewed the agenda to inform the attendees of what will be covered during the meeting.
2. Revise/Adopt May 4, 2022 Minutes and August 3, 2022 Minutes
 - a. On a motion made by Jay King and a second by Denise Rankin, the minutes from the May 4, 2022 and August 3, 2022 meetings were approved, without objection.
3. Local Updates/Community Introductions/Public Comments
 - a. Additional In-Person Attendees (non-RAB members):
 - i. Chris Price, CEO of Qawalangin Tribe of Unalaska – He stated that he is thankful and appreciative of the work that is being done by this board to help clean up the lands on the island of Unalaska. He is also glad that Art from Chernofski, Alaska is in attendance.
 - ii. AB Rankin, private citizen
 - iii. Thomas Roufos, City of Unalaska Planning Department
 - b. Virtual Attendees:
 - i. Caryn Orvis is with Ahtna Engineering Services.
 - ii. Cas Galasso-Irish is with the Alaska Department of Environmental Conservation (DEC) contaminated sites program. Cas regulates the sites in Dutch Harbor and on Amaknak Island.
 - iii. Matt Carlson is with Stantec.
 - iv. Mickey Hartnett, Kansas State University, who works closely with the ANTHC office in Anchorage.
 - v. Ben Leon-Guerrero is the Land Manager for the Aleut Corporation.
 - vi. Craig Wilson is with Stantec.
 - vii. Michael Tutiakoff is with the Ounalashka Corporation.
 - viii. Brie Drummond is a private citizen.
 - ix. Jeff Williams is the Deputy Manager for the Alaska Maritime National Wildlife Refuge, U.S. Fish and Wildlife Service.
 - x. Larissa Syverson is the Lands Manager of the Ounalashka Corporation.
 - xi. Rachel Lekanoff is the Environmental Remediation Coordinator for the Qawalangin Tribe of Unalaska.

- xii. An unnamed caller from KUCB radio station in Unalaska attended virtually.
 - c. USACE attendees:
 - i. Rena Flint, FUDS Project Manager
 - ii. Forrest Kranda (virtual), FUDS Archaeologist
 - iii. Jathan Garrett (virtual), Civil Works Project Manager
 - iv. Melissa Scully (virtual), FUDS Technical Lead/Project Engineer
 - d. Consultant Attendees (provided meeting facilitation and support):
 - i. Alice Rademacher, HDR
 - ii. Amy Ostman, HDR (virtual)
 - iii. Jenny Merrill, HDR (virtual)
 - e. Local Updates/Public Comments
 - i. None
- 4. U.S. Fish & Wildlife Service Alaska Maritime National Wildlife Refuge (Jeff Williams)
 - a. Jeff introduced himself as the Deputy Manager of the Alaska Maritime National Wildlife Refuge and thanked the RAB for the invitation to speak. He added that the Refuge headquarters is in Homer, Alaska. They also maintain a field station in Adak, Alaska. Jeff lived in Adak for 12 years then moved to Homer, AK in 2002.
 - b. He commented that there are many FUDS sites throughout the Aleutian Islands. The work being done at these sites is extremely important therefore Tim Plucinski, a full time Environmental Contaminants Biologist, was hired in the Anchorage office. Tim oversees and is the Refuge's liaison for all the contamination and mitigation work done by USACE. He also works with other organizations (i.e., the Navy) on other remediation activities (i.e., Adak Island work).
 - c. The Refuge looks out for healthy lands and wildlife as well as maintaining the traditional lands that they are entrusted with managing.
 - d. The Refuge also works hard with tribal relations. Kendra Bush, Education Specialist was thrilled to return to many culture camps hosted on the Aleutian Islands. Kendra is a longtime participant in Camp Qungaayux hosted on Unalaska and was happy to be back this year. This year she also attended the seabird camp on the Pribilof Islands and the Sand Point Culture Camp.
 - e. This summer, invitees from USACE and U.S. Fish and Wildlife Service joined Refuge employees on the research vessel Tiġlaġ for 3 days to visit FUDS sites around Adak Island and Great Sitkin Island.
 - f. The research vessel Tiġlaġ travels from Homer, AK all throughout the Aleutian Islands every year deploying researchers into remote field camps for up to 3 months/year. They primarily collect information on seabirds. The most recent report card, which shows how seabirds along the Aleutian Chain are doing, came out last week. The health of the seabird population indirectly tells us how well the ecosystem is doing since they are great samplers of the marine environment. He stated that the birds did great this year. He will share this one-page document with Rena so it can be distributed to the meeting attendees and the community of Unalaska.
 - g. Jeff shared Tim Plucinski's email as well as his contact information in the chat if attendees have questions following tonight's meeting.
 - i. tim_plucinski@fws.gov

- ii. jeff_williams@fws.gov & 907-299-5820
 - h. Denise Rankin commented that she was curious about how much testing is going on around Amchitka Island. There was a contract with Aleutian Pribilof Islands Association (APIA) to do sampling each year; she asked if there is a current sampling contract in place. Jeff responded that the Amchitka work is done with a legacy management program from the Department of Energy. The direct and indirect contaminants sampling is done about every 5 years, and it is due to happen next year. APIA is still involved and is invited to participate. The Department of Energy has been out during the past 2 years to do remediation on drilling muds used to test the atomic weapons. They made sure the liners and covers for the areas were still in place and operational. Jeff added that the sampling is both direct and indirect. Direct sampling of radioactive elements and the indirect sampling is done on the birds, fish, and eggs to see if it is in the ecosystem.
 - i. Ben Leon-Guerrero asked if any of the Amchitka Island testing would include any testing of the impacts to the soils when major or minor earthquakes take place. Jeff responded that there is an active seismic monitoring station on Amchitka Island. The Alaska Volcano Observatory has an infrasound ray to monitor earthquakes out there. The link is more to the disturbance that a larger earthquake will make as opposed to minor earthquakes. A large earthquake about 5-6 years ago broke caps and liners of drilling oils that needed to be repaired.
 - j. Jeff added that as a land management agency, the Refuge advises ADEC and EPA on items such as the cleanup standards. The Navy has a strong interest to be done with the Amchitka Island project. For them to be done ADEC and EPA must sign off the Navy has met the agreed upon objectives for the cleanup project. Jeff added that if any members of the public have concerns then they are welcome to reach out to him by email at jeff_williams@fws.gov or by phone at 907-299-5820.
 - k. Jeff thanked the RAB for their time and for inviting him to present.
5. USACE Civil Works (Jathan Garrett)
- a. Due to connectivity issues this agenda item was moved to follow the U.S. Fish & Wildlife Service Alaska Maritime National Wildlife Refuge update.
 - b. Jathan screen shared slides with the meeting attendees to share information on the Unalaska (Dutch Harbor) Navigation Channel. The purpose of the Unalaska (Dutch Harbor) Navigation Channel project is to increase navigational safety and improve efficiencies into Dutch Harbor via Iliuliuk Bay. There is a shallow bar (approx. -42 feet Mean Lower Low Water (MLLW)) with the surrounding bay depth of (approx. -100 MLLW). MLLW Mean Lower Low Water (MLLW) is the average of the lower low water height of each tidal day. This bar is a barrier that creates insufficient draft to accommodate larger and deeper drafting vessels. It also creates precautionary safety measures that include:
 - i. light loading
 - ii. waiting for wave conditions to improve
 - iii. waiting for adequate tide stages
 - iv. foregoing full fuel capacity
 - v. discharging ballast water to reduce draft

The proposed objective is to improve access to Unalaska/Dutch Harbor by reducing draft limitations for deeper drafting vessels, reducing vessel delays at the bar, and increasing regional economic activities. During this project the bar will be dredged to a depth of -58 feet MLLW. The dredging will create 182,000 cubic yards of material (i.e., glacial moraine, boulders, cobbles, etc.)

The project first cost is about \$30.5 million. The cost will be updated in the next 2 months as the project moves forward with design. The cost will be shared with the city; \$22.8 million will be federal dollars and \$7.6 million will be nonfederal dollars.

- c. The current project status is that they are preparing plans and specifications. Also, the 65% design was submitted on November 8, 2022. It's anticipated that construction funds will be made available as early as this year (2022). If the funds are not made available, then the project will hold at 94% design until funds are made available.
 - d. Jathan added that after assessments were run in March 2022 it was determined that there is a low probability for encountering Munitions and Explosives of Concern. Also, the geotechnical work was wrapped up and a report is anticipated to be available at the end of November. As a precautionary measure the drill rigs were sent out with cameras attached to the bottom of the drill rigs and nothing was found.
 - e. USACE is also in the process of working with the National Marine Fisheries Service to finalize the blasting plan as part of their Endangered Species Act and Marine Mammal Protection Act coordination.
 - f. He is working with Kendall Campbell, USACE, on tribal letters that will be sent out. Jathan noted that he will be in Unalaska on December 8 and 9, 2022 and would like to meet with anyone who has questions or comments on this project. He will reach out to the RAB before he arrives to set up meeting times if they are desired.
 - g. Chris Price asked what the project is trying to achieve in terms of the depths of the dredging. Jathan responded that the depth they want to achieve is -58 feet MLLW.
 - h. Rena asked what happens with the dredged material, where does it get deposited. Jathan replied that the dredged material is disposed adjacent, just west, of the dredging prism. Studies were done to get the needed approval to dump it next to the site. The close proximity of the approved dumping location will save ample time and money.
6. Amaknak FUDS
- a. Fiscal Year (FY) 2023-2024 Plans – upcoming deliverables/documents for review, meetings, fieldwork, challenges, contracts
Rena noted that the first 4 (i.-iv.) items on the list were the ones the project worked on the most in the last year. In FY 2023, which started in October 2022, items v.-viii. will be focused on, and the last 3 projects on the list will begin in approximately FY 2025 although planning work will begin sooner than FY 2025.
 - i. RAB Community Relations
 - 1. Rena noted that a new facilitation contract will be awarded this year so moving forward HDR will not be involved with meeting facilitation/planning. With the new contract Rena would like to make it very local and to include outreach that hasn't been done before. She asked that attendees let her know if they have any ideas to impellent moving forward to reach more people in the community.

ii. Pre-WWII Tank Farm LTM

1. Rena let the meeting attendees know that this project is in the long-term management phase. The USACE continues work on finalizing the periodic review from 2019. RAB comments were received the document and it will be finalized this FY.
2. USACE will work with Ounalashka Corporation on environmental convenance for the site. There is remaining contamination beneath building 511 and that information will need to be added to the record. A sampling contract was awarded to Ahtna Environmental. A work plan for their upcoming wok will be ready in February 2023 for stakeholder/landowner/regulator review. Also, in May of 2023 groundwater sampling and field work will take place with a summary report made available in September 2023.

iii. Range Complex No. 1 MMRP RI/FS

1. Rena reminded attendees that the safety training was recently held. The safety video is being finalized now and Rena will make it available to the community. A historical photo analysis is also being worked on and will be available in January 2023. The purpose of the analysis is to gather information on where the miliary used or stored munitions to get a better picture of the project area outlined in red on the slide #1 (Attachment A) so higher risk areas are identified.
2. During 2023 USACE will be working on the Systematic Planning Process. Rena will also work closely with the RAB to compile community input on where people have found explosive hazards. Also, in 2023 the Project Inventory Report will be worked on. This report defines the project area. USACE wants to collaborate with agency and project partners (i.e., Navy) to avoid overlapping efforts. In 2023 the risk report will be revalued and when the revised risk score is determined it will be sent out for public comment. Finally, the remedial investigation contract is planned for June 2024.
3. Chris asked if additional details are known of where the Navy is working and what they are doing. Rena replied that she doesn't not know specifically where they are working but they are completing bathymetric work on underwater cables in the Bering Sea. She is working to collaborate with them to limit USACE's in-water investigation.

iv. Unalaska Valley

1. Rena let attendees know that there are still a few remaining rights-of-entry (ROEs) to wrap up during this project's planning process. Once the ROEs are complete then two more contract options will be able to be awarded. In June 2022, an environment contract was awarded to Ounalashka Corporation to do some sampling and removal action on some underground tank storage sites in the Unalaska Valley. Ounalashka Corporation will deliver a workplan for

stakeholder/landowner/regulator review in December 2022. Fieldwork is scheduled to take place from May – July 2023 with a summary report available in January 2024.

2. Denise asked how the two remaining ROEs will be awarded and if that will result in an amendment to the current cleanup contract or will it need to be put out again. Rena responded that it will be an amendment to the current contract. OCE already bid on the sites, so USACE has prices negotiated. It couldn't be awarded since USACE currently doesn't have ROEs.

A 5-minute break was taken from 7:04pm - 7:09pm

- v. Summer Bay – Humpy Cove and Little South America
 1. Rena noted the Summer Bay-Humpy Cove and Little South America are the second and third ranked projects for the RAB to focus on as Unalaska Valley was the top ranked project. The same process used for Unalaska Valley will be used for Summer Bay-Humpy Cove and Little South America. Removal actions and sampling will begin with ROE, coordination with the State Historic Preservation Office (SHPO), and an Environmental Assessment. USACE anticipates being able to initiate a contract in June 2023. The contract could be for both areas combined or separate.
- vi. Pyramid Valley-Port Levashef and the Museum of the Aleutians
 1. The same process used for Unalaska Valley will be used for Pyramid Valley-Port Levashef and the Museum of the Aleutians projects. Removal actions and sampling will begin with ROE, coordination with SHPO, and an Environmental Assessment. USACE anticipates being able to initiate a contract in June 2024. USACE will coordinate with other organizations (i.e., the City of Unalaska) to make sure resources are used wisely and work is not being duplicated.
- vii. Margaret Bay-Airport and Mount Ballyhoo
 1. Rena noted that the Margaret Bay-Airport, Mount Ballyhoo, and Ballyhoo Spit projects are all scheduled for FY 2025. If attendees feel that one of these projects should be moved up, then please let Rena know. It will be fairly easy to move one to an earlier FY.
 2. Margaret Bay-Airport and Mount Ballyhoo projects will follow the same process used for Unalaska Valley. Currently USACE is working on a summary report to categorize the contaminated sites in these two areas. After the summary report is complete USACE will work on ROE, coordination with SHPO, and an Environmental Assessment. USACE anticipates being able to initiate a contract in June 2025.
- viii. Ballyhoo Spit
 1. Rena commented that this project is in the remedial investigation phase of the cleanup process. USACE needs to summarize what was done in the past and what has been worked on by others. Once the summary is

complete USACE will work on ROE, coordination with SHPO, and an Environmental Assessment. USACE anticipates being able to initiate a contract in June 2025.

2. Chris asked if the project timelines would be sped up if funding wasn't an issue. For example, work could be completed simultaneously. Rena responded that USACE needs to allocate resources as well as funding. Even if the money was there then we mostly likely wouldn't have the staff to work on multiple projects at the same time. Rena added that she does see where efficiencies could be made by coordinating SHPO coordination work on multiple projects at the same time. Forrest Kranda agreed that it would be nice to have the SHPO work completed at once.
3. In response to a question from Cas, Rena commented that the Captain's Dock Chemical Agent Disposal is not on her list of currently active projects although it is called out on the map shown. The site is in an Interim Risk Management phase, basically 3Rs communication (Recognize, Retreat, Report). If you encounter or suspect you have encountered a chemical agent identification set, chemical agent, or a munition, follow the 3Rs. Local law enforcement have authority to request Department of Defense (DoD) Explosive Ordnance Disposal (EOD) support of an explosives or munitions (or chemical) emergency.

7. Committee Reports

a. Meeting Promotion (Alyssa McDonald, Jay King)

i. KUCB Coordination

1. Jay commented they made a point to post about the RAB meeting in key locations around town and they will continue to do this moving forward. Rena noted that the next meeting held in the January -March timeframe she will need to lean heavily on the RAB to implement meeting outreach since she will not have meeting facilitation assistance in place yet.

ii. Compiling community information for unexploded ordnance (UXO) Database

1. Rena commented that she spoke on this database topic earlier in the meeting. Jay noted that he is looking into other historical records to gather information for the database as well. Rena added that USACE has connected with DOD contacts to get additional reports. Melissa Scully is working with the Army Geospatial Center to get them plotted on a map.

iii. Chernofski FUDS Field Update at next meeting (Alyssa)

1. Since Alyssa was unable to attend the meeting Rena passed along that Alyssa will give the Chernofski Field Update during the next RAB meeting.
2. Rena will have Andy Sorum, the USACE Project Manager for the Chernofski project, follow up with Jim Paulin on his questions.

b. Sustaining RAB Membership (Patty Gregory)

i. No update

- c. Morale, Welfare, and Fun (Elise Contreras, Jim Paulin, Kale Bruner, Denise Rankin, Patty Gregory)
 - i. RAB Newsletter
 - ii. Movie Event
 - 1. Rena hopes to include these ideas in the next awarded public outreach contract.
 - d. Records Management (Denise Rankin, Kale Bruner, David Gregory)
 - i. Website
 - 1. Rena noted that the minutes from previous meetings are on the website and moving forward USACE will try to keep the Amaknak RAB website continually updated.
- 8. Review Next Meeting Dates, Identify Next Steps
 - a. Next RAB Meeting: Hybrid (In-person and Virtual), February/March (Wednesday)
 - i. February 15th, 22nd, or March 1st
 - ii. Keep in mind Washington's Birthday February 20, Spring Break March
 - 1. Rena noted that the next meeting will be a hybrid meeting.
 - 2. On a motion by Jay King and a second by Jim Paulin, the next RAB Meeting to be held on February 22, 2023 was approved, without objection. This was later rescheduled to March 1 due to scheduling conflicts including Ounalashka Corporation Board meeting.
 - b. Next Step/Action Item Review
 - i. Alice noted that the noted action items are:
 - 1. Make the meeting slides available on the project website to be accessible to Unalaska Community members.
 - 2. Pass along any U.S. Fish & Wildlife Service Alaska Maritime National Wildlife Refuge question to Jeff Williams by email at jeff_williams@fws.gov or by phone at 907-299-5820.
 - 3. RAB and community members to pass along outreach ideas to Rena to have more people know what the RAB is and how they can be involved.
 - 4. Rena will make the Safety video available to the Unalaska community via website, CDs, etc.
 - 5. Alyssa and Andy will provide a Chernofski Field Update during the next RAB meeting.
 - 6. RAB members to coordinate outreach methods for the February 22, 2022 RAB meeting.
 - 7. Jathan to follow up with the RAB on the Unalaska (Dutch Harbor) Navigation Channel questions/comments.
 - 8. Jay to work with Rena on coordinating the development of a FUDS handout (trifold or brochure) to place around the community to increase awareness of the RAB.
 - 9. Rena to connect with Ben Leon-Guerrero and Michael Tutiakoff after the meeting on a possible expansion of the RAB and becoming RAB members. She will also send them the RAB membership packet.
- 9. Other Announcements/Unplanned Items/Open Discussion
 - a. Recap of Old Business / New Business
 - i. Rena summarized a question/comment for Jathan. The RAB would like to know that since the dredged material will already be put on a barge to be

moved, could it be used for another project or for another purpose instead of being dumped near the project site. Why does it need to be dumped adjacent to the dredge site and once its dumped does it roll back into the area it was removed from?

- ii. AB commented that to increase RAB awareness in the community RAB members should do a 5–10 minute FUDS summary/story on Channel 8 as well as increase the number of meeting advertisements run on Channel 8. She added that a handout (trifold or brochure) to place around the community to increase awareness. Jay will work with Rena on coordinating this effort.
- iii. Rena commented that the meeting locations could be rotated to increase attendance. Thomas added that the library could be an option when the renovation is complete during the summer of 2023.
- iv. Michael Tutiakoff agreed with AB and didn't know much about the RAB before the meetings. He added that the RAB could reach out to the school to increase RAB awareness in the community.
- v. Thomas commented that since the next meeting will be in February a presentation could be given at the school to let the kids know about the FUDS program.
- vi. Ben Leon-Guerrero asked if expanding the board would help at all. He listens to what's happening the region and understands there are many topics that the RAB needs to be made aware of. Due to audio issues Rena will connect with Ben after the meeting.

10. Closing Remarks, Contact Information and Closing Remarks, Adjourn

- a. Rena Flint, USACE Project Manager
 - i. (907) 753-2680
 - ii. Rena.B.Flint@usace.army.mil
- b. USACE- ALASKA DISTRICT PUBLIC AFFAIRS OFFICE
 - i. (907) 753-2520
 - ii. Public.affairs3@usace.army.mil

On a motion by Jay King and a second by Jim Paulin, the November 9, 2022 RAB Meeting was adjourned at 7:47pm, without objection.

UNALASKA (DUTCH HARBOR) NAVIGATION CHANNEL, UNALASKA, ALASKA

FUDS RAB

Date: Wednesday, Nov 09, 2022

Time: 6:00 – 8:30 PM AKDT

Jathan Garrett
Project Manager
USACE, POA

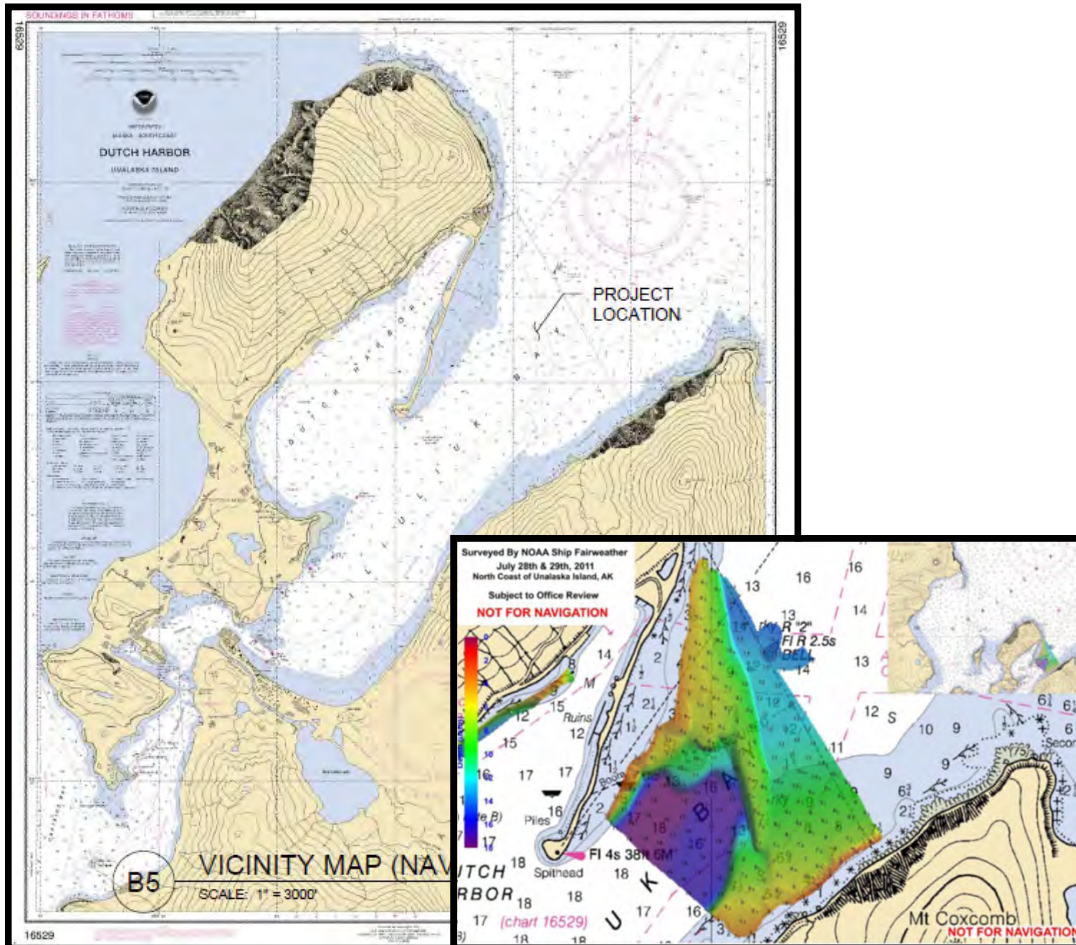


US Army Corps
of Engineers®



PROJECT PURPOSE AND OBJECTIVES

2



- Increase navigational safety and improve economic efficiencies into Dutch Harbor via Iliulik Bay.
- A bar shallower than the surrounding bathymetry located at the entrance to Iliulik Bay currently limits access to Dutch Harbor.
 - The depth of the bar where vessel traffic is -42 feet MLLW.
 - The surrounding natural depth of Iliulik Bay is -100 feet MLLW.
- The bar creates insufficient draft to accommodate larger and deeper drafting vessel traffic and creates precautionary safety measures that include light loading, waiting for wave conditions to improve, waiting for adequate tide stages, foregoing full fuel capacity and discharging ballast water to reduce draft.
- The proposed project objective is to improve access to Unalaska/Dutch Harbor:
 - Reducing draft limitations for deeper drafting vessels.
 - Reduce vessel delays at the bar.
 - Increase regional economic activities.



PROJECT PURPOSE AND OBJECTIVE

3



Project

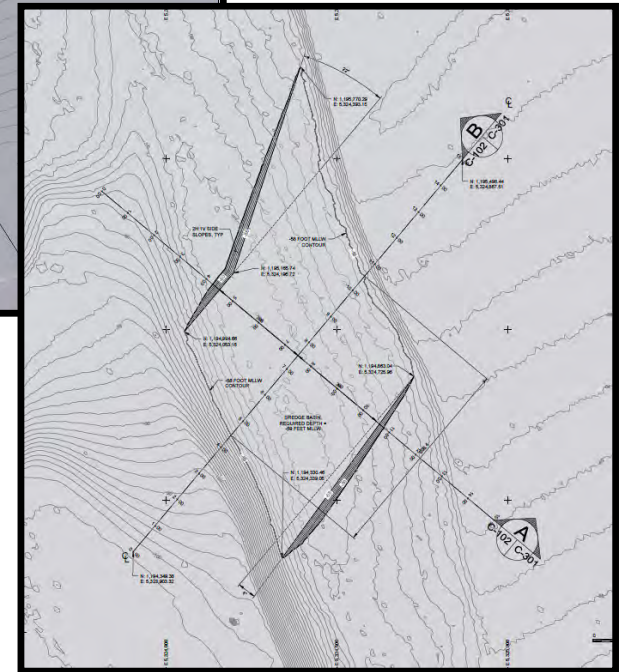
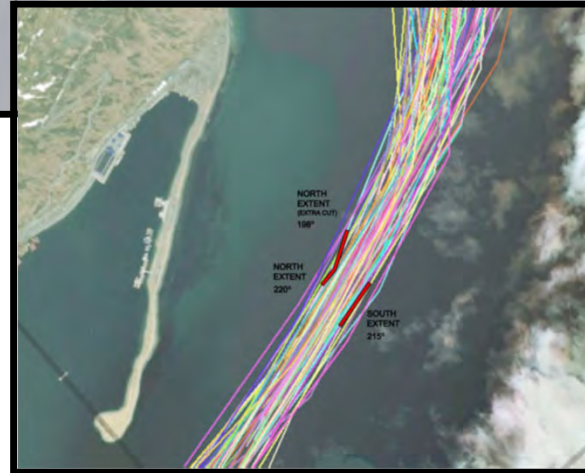
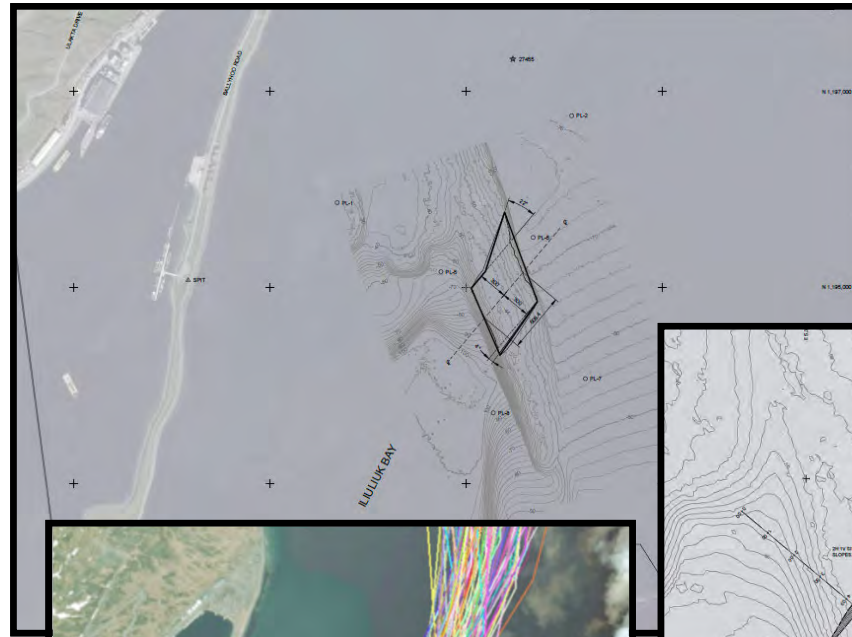
- Dredge existing bar to depth of -58 feet MLLW.
- Dredging 182,000 CY.
- Project First Costs \$30.5M (FY2020 dollars) will be cost shared \$22.8M FED and \$7.6M N-FED.

Status

- Prepping Plans and Specs
- 65% design submitted 08 NOV 2022.
- We anticipate construction funds as early as this year. If funds are not made available this, the project will hold at 95% design until funds are made available.

Information

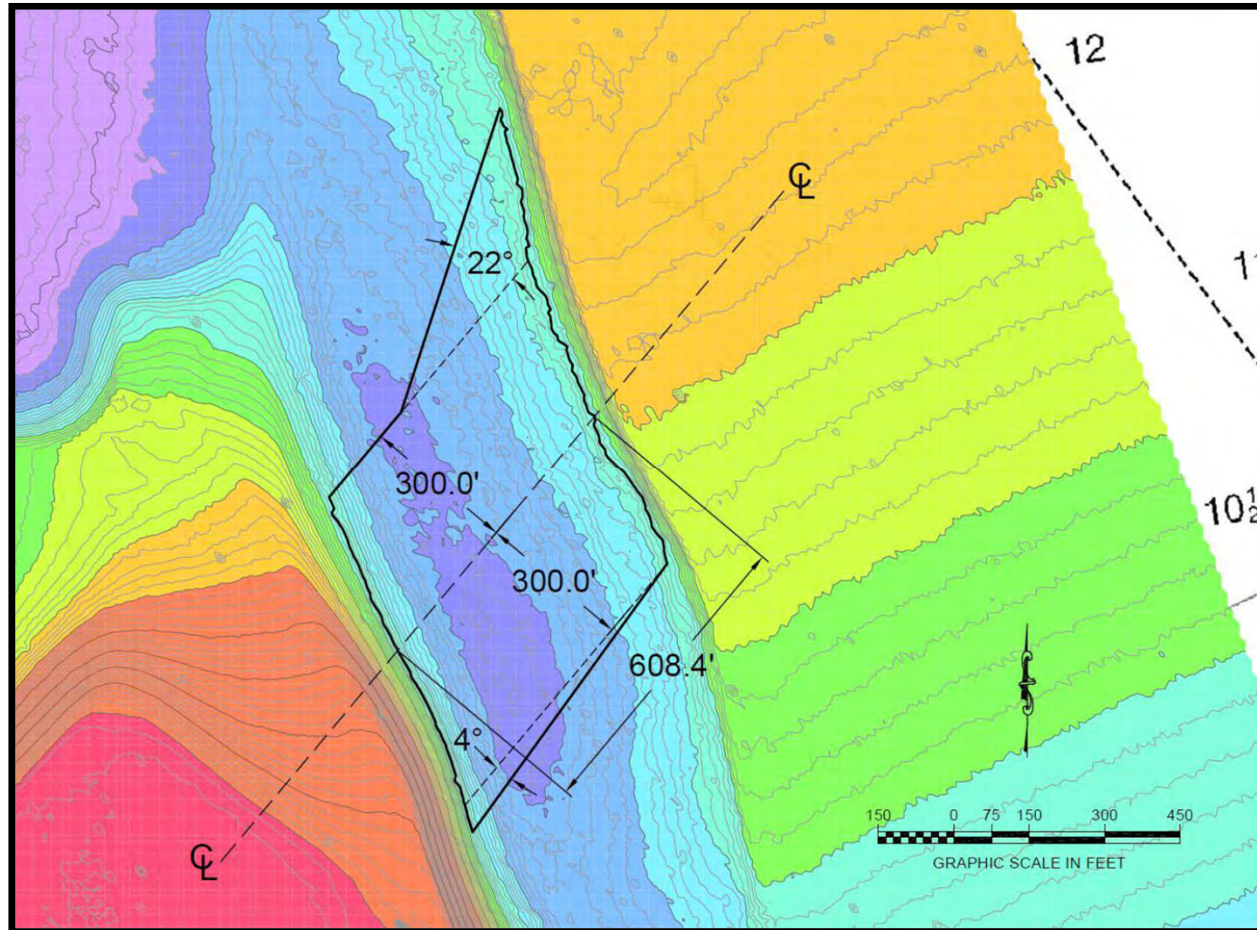
- Low probability assessment for encountering Munitions and Explosives of Concern (MEC's).
- In process of working with NMFS to finalize the blasting plan as part of our ESA/MMPA coordination.





QUESTIONS?

4





Welcome Ben Leon-Guerrero

- Interested in the cleanup activities which will be communicated to the management team here at the Aleut Corporation which is a major stakeholder in the region
- Lands manager for the Aleut Corporation with background in several environmental cleanup activities throughout the Aleutian Region. Extensive knowledge of the region with access to several historical and archaeological files
- Native Corporation representative
- Expertise in environmental investigations and remediation
- Expertise in logistics, field camps, transportation
- Knowledge of Aleutian environment, local/traditional knowledge
- Planner or land manager
- Subsistence use, hunting, fishing, gathering information
- Archaeological or cultural resource knowledge



Welcome Michael Tutiakoff

- Growth of Unalaska is my top 5 reason to be part of RAB. Since I started in '97 with government cleanup in UXO side of the industry, I expressed my interest to community and companies often. I work for OCE and have a chance to clean and make this a safer place to live, which is a life-long goal.
- OC Board Member, as with OCCP
- Work for OCE and have our first contract in Unalaska underway
- Native Corporation representative
- Expertise in environmental investigations and remediation
- Expertise in logistics, field camps, transportation
- Knowledge of Aleutian environment, local/traditional knowledge
- Subsistence use, hunting, fishing, gathering information
- Archaeological or cultural resource knowledge
- Communications specialty or community liaison
- Tribal Elder or Youth Leader
- 40-hr HAZMAT
- 30-hr OSHA Safety
- Love of Unalaska and the potential to be northern trade route base

March 16, 2021
RAB Operating Procedures
Amaknak Formerly Used Defense Site
Restoration Advisory Board

1. Mission Statement of the Amaknak Formerly Used Defense Site (FUDS) Restoration Advisory Board (RAB). 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 (USACE), Alaska District, on the proposed environmental restoration activities.

2. Responsibilities of the RAB. Responsibilities of the RAB are as follows:

- a. Provide advice on environmental restoration issues to USACE and regulatory agencies.
- b. Hold **informal monthly meetings, then transition to a less frequent/quarterly** meetings that are open to the public and held at convenient times and locations, normally in the evening.
- c. Prepare public notices to promote public participation in RAB meetings
- d. Review, evaluate, and provide comments to the Alaska District, USACE, on documents related to environmental restoration activities.
- e. Understand site-specific cleanup standards, regulations and guidance documents presented by the Alaska Department of Environmental Conservation (ADEC), and other Federal laws (e.g. RCRA, TSCA) and, where applicable, recommend cleanup levels consistent with planned reuse.
- f. Recommend priorities among Amaknak FUDS projects.
- g. Record minutes of RAB meetings and make them available to interested parties.
- h. Develop RAB mission statement and operating procedures.

3. RAB membership should consist of members from the USACE, other Federal, state, or local agencies and the local community. RAB membership should reflect the diversity of the community.

Community members may be drawn from, but are not limited to, the local community (including residents; various local government agencies; businesses; school districts; local environmental groups (including activist groups); civic/public interest organizations; religious groups; local regulatory agencies; Homeowners Associations; the medical community; the economically disadvantaged; African-American, Native American, Hispanic, and other minority groups; other state and Federal agencies; trustees; and local and tribal governments). Community members will provide information, seek independent technical advice when appropriate and feasible, communicate public concerns to the RAB, and provide information and reports to the public.

4. RAB Formation. General Guidelines applicable to the formation of a RAB are as follows:

- a. A RAB will consist of 5-10 members.

Commented [FRBCUC(1): Revise date upon March 1, 2023 meeting adjournment.

Commented [FRBCUC(2): Assess whether a quorum is in attendance to make amendments to RAB Operating Procedures.

Vote 1: Biennial RAB assessment (formality)- Disband or continue RAB?

Vote 2: Keep scope as is or expand to Regional RAB? i.e. Fort Glenn, Chernofski Harbor Supply and Storage Site, Fort Learnard, Ugadaga Bay Station. See Map.

Commented [FRBCUC(3): See above.

Commented [FRBCUC(4): See above

Commented [FRBCUC(5): See above.

Commented [FRBCUC(6): **Vote 3:** Review formality. See highlighted blue paragraph below. As is or revise?
Vote 4: Review frequency. Quarterly or revise?

Commented [FRBCUC(7): See above.

- b. The Amaknak FUDS RAB is chaired by a USACE representative, typically the USACE Project Manager and one community member.
- c. RAB members will serve a **2- to 3-year** year term. RAB members may submit an application to serve another term when their first term has been completed. Total service will not exceed **(a 6-year limit total (possibility no total length limit; as a board, they will take the decision offline to determine if an actual length is needed))**.
- d. A Community Co-Chair will be elected by the RAB community members. The procedures for conducting this election are specified in paragraph 6 below. The Community Co-Chair will serve a minimum of **1 year**, with replacement by a simple majority of RAB community members at any regular RAB meeting. Re-election or replacement of the Community Co-Chair will be mandatory every **1 year**.

Community Co-Chair: **Dave Gregory**

- e. Neither the USACE Co-Chair nor other government or regulatory representatives shall participate in the nomination or election of the Community Co-Chair.

5. RAB Meetings. RAB members will comply with the following meetings procedures:

- a. Each community member will have one vote on the RAB's operating procedures during RAB meetings. Minutes of each RAB meeting will be recorded for inclusion in the Administrative Record.
- b. Each RAB member will act individually in discussions, in providing comments on documents, and in providing advice to USACE. The RAB is not an advisory committee, as that term is used in the Federal Advisory Committee Act. All advice will be offered by RAB members as individuals and is not to be construed as "consensus" advice.
- c. Regular, on-time attendance is a requirement for continued RAB membership. The RAB will meet **monthly, then transition to quarterly**. **Members are expected to attend every meeting. After a member has missed two meetings without appropriate explanation, the USACE and Community Co-Chairs will send a notice to the member requesting a written explanation of these absences within 14 days and will indicate that after three missed meetings, the RAB will assume that the member is no longer interested and will terminate his or her membership.**
- d. Member participation will follow a process similar to that presented in Robert's Rule of Order. An agenda will be followed at RAB meetings, with full and open discussions encouraged. A time for public comments or questions from the public on matters not included in the agenda will be held either at the beginning or near the end of the meeting. An effort should be made to complete the agenda, including public comments and questions, between 6:00 p.m. and 8:00 p.m. A Co-Chair will ask the members for a motion to adjourn and approval of such motion in order to end each meeting.
- e. The RAB will encourage public participation. Co-Chairs, or other designated representatives, will respond to questions raised by the public. If sufficient information is not available to provide an accurate response at the meeting, the issue will be recorded in the meeting transcript. A written response to all issues raised will be provided. The response provided will be an agenda item for discussion at the next regularly scheduled meeting. All public comments will be considered by the RAB and recorded in the meeting transcript.

Commented [FRBCUC(8): See above.

Commented [FRBCUC(9): Note- Jay King resigned from RAB/ chair. Denise Rankin and Rena Flint are still chairs.

Vote 5: Review number of community chairs. Tri-chair (as it was) or revise?

Any nominations if tri chair? See **highlighted green** paragraph below.

Commented [FRBCUC(10): Note- RAB members and term starts/ durations.

- Denise Rankin – June 28, 2021/ 1.75 years - community chair
- Jim Paulin – May 6, 2021/ 1.85 years
- Elise Contreras – March 16, 2021/ 2 years
- Alyssa McDonald – March 16, 2021/ 2 years
- Patty Gregory – March 16, 2021/ 2 years
- Kale Bruner – March 16, 2021/ 2 years
- Dave Gregory – March 16, 2021/ 2 years – former (resigned) community chair
- Rena Flint – USACE chair- March 16, 2021/ 2 years
- Ginny Hatfield – resigned
- Jay King – resigned
- Ben Leon-Guerrero – March 1, 2023/ 0 years
- Michael Tutiakoff – March 1, 2023/ 0 years

Vote 6: Review individual term length. As-is or revise?

Vote 7: Review total term length. As-is or revise?

Commented [FRBCUC(11): **Vote 8:** Review minimum chair term length. Note- see Vote 3 formalness above. As-is or revise?

Vote 9: Review maximum chair term length. Note- see Vote 3 formalness above. As-is or revise?

Commented [FRBCUC(12): See above.

Commented [FRBCUC(13): See above.

- f. RAB community members must have prior approval of the RAB before speaking for the RAB during press interviews or other public relations activities.
- g. When a RAB member is unable to participate in RAB meetings, the member should submit a written resignation to a RAB co-chairperson. Resigning members may nominate new members to replace themselves. New members should continue to reflect the diversity of the community.
- h. Disputes within the RAB will be resolved by means of a three-step process. First, the RAB Co-Chairs will attempt to resolve the issue. When these efforts are not successful, an independent facilitator may be brought in to resolve the issue. Disputes which cannot be resolved by the Co-Chairs or a facilitator may be formally presented to the USACE Alaska District Commander for resolution.
- i. A quorum of RAB members must be present in order to hold a RAB meeting. **A quorum is defined as 4 community RAB members, including the Community Co-Chair, plus the USACE Co-Chair.**

Commented [FRBCUC(14): **Vote 10:** Defining a quorum and conditions for informational meeting or RAB. See Vote 3 formality above. As-is or revise?

- 6. **Election of Community Co-Chair. The Community Co-Chair will be elected by a majority vote of the community RAB members by a show of hands, or written ballot. Nominations by member or self-nomination are avenues for election to the Community Co-Chair position. The USACE Co-Chair will count the hands or written ballots and announce the results of the nomination and election at the RAB meeting. The Co-Chair elect will assume the position at the next scheduled RAB meeting.**

7. RAB Member Responsibilities.

- a. Responsibilities of the USACE Co-Chair are as follows:
 - (1) Coordinate with the Community Co-Chair to prepare and distribute an agenda prior to each RAB meeting.
 - (2) Communicate with all RAB members regarding environmental restoration activities at the Amaknak Formerly Used Defense Site Projects.
 - (3) Publicly announce RAB meetings at least 15 days prior to and will appear in the issue directly preceding the meeting dates.
 - (4) Ensure that USACE participates in an open and constructive manner.
 - (5) Ensure that RAB members are educated and trained regarding their responsibilities as a member of the RAB.
 - (6) Ensure that the RAB is provided access to documents for its review and comment. Ensure that an adequate review period is allowed for the RAB members. Ensure that documents distributed to the RAB are also made available to the public.
 - (7) Maintain a mailing list of interested and affected parties in the environmental restoration activities at the Amaknak Formerly Used Defense Site.
 - (8) Ensure that adequate administrative and technical support is provided to the RAB.
 - (9) Ensure that community issues and concerns related to environmental restoration activities are addressed when raised.

Commented [FRBCUC(15): See above.

Commented [FRBCUC(16): Assume newspaper? See Vote 3 formality above.
Vote 11: Motion to clarify?

Commented [FRBCUC(17): See above.

- (10) Ensure that the RAB is fully informed during all phases of the environmental restoration process and that it has opportunities to participate in advising decision makers before final decisions are made.
 - (11) Provide all relevant guidance documents to the RAB to enhance the operation of the RAB.
 - (12) Report back to the USACE district and refer issues not related to environmental restoration to appropriate officials for action.
- b. Responsibilities of the Community Co-Chair are as follows:
- (1) Coordinate with the USACE Co-Chair and RAB members to prepare an agenda prior to each meeting.
 - (2) Coordinate, as required, with the USACE Co-Chair to ensure that RAB questions and concerns are answered in an appropriate and timely manner.
 - (3) Encourage open and constructive community participation at RAB meetings.
 - (4) Ensure that RAB members are trained regarding their responsibilities as RAB members.
 - (5) Communicate with RAB members regarding environmental restoration activities.
 - (6) Ensure that community issues and concerns related to environmental restoration are adequately addressed and that relevant information is communicated back to the community.
 - (7) Assist in the dissemination of information to the general public.
 - (8) Serve without compensation.
- c. Responsibilities of RAB community members are as follows:
- (1) Attend RAB meetings as required by the RAB operating procedures.
 - (2) Provide advice on environmental restoration activities to decision makers.
 - (3) Communicate community interests and concerns to the RAB.
 - (4) Serve as a conduit for the flow of information among the community, the USACE district, and other involved Federal, state, and local agencies regarding the environmental restoration issues at the Amaknak Formerly Used Defense Site.
 - (5) Review, evaluate, and provide comments on documents related to environmental restoration activities.
 - (6) Serve without compensation.
- d. Responsibilities of state regulatory agency member(s) are as follows:
- (1) Attend RAB meetings as required by RAB operating procedures.

Commented [FRBCUC(18)]: See above.

- (2) Serve as an information, referral, and resource bank for the community, the USACE district, and other involved Federal, state, and local agencies regarding environmental restoration activities at the Amaknak Formerly Used Defense Site.
- (3) Review and provide comments on documents and other materials related to environmental restoration activities.
- (4) Ensure that state environmental standards and regulations are identified and addressed by USACE.
- (5) Facilitate flexible and innovative resolutions of environmental issues and concerns.
- (6) Assist in the training of RAB members.

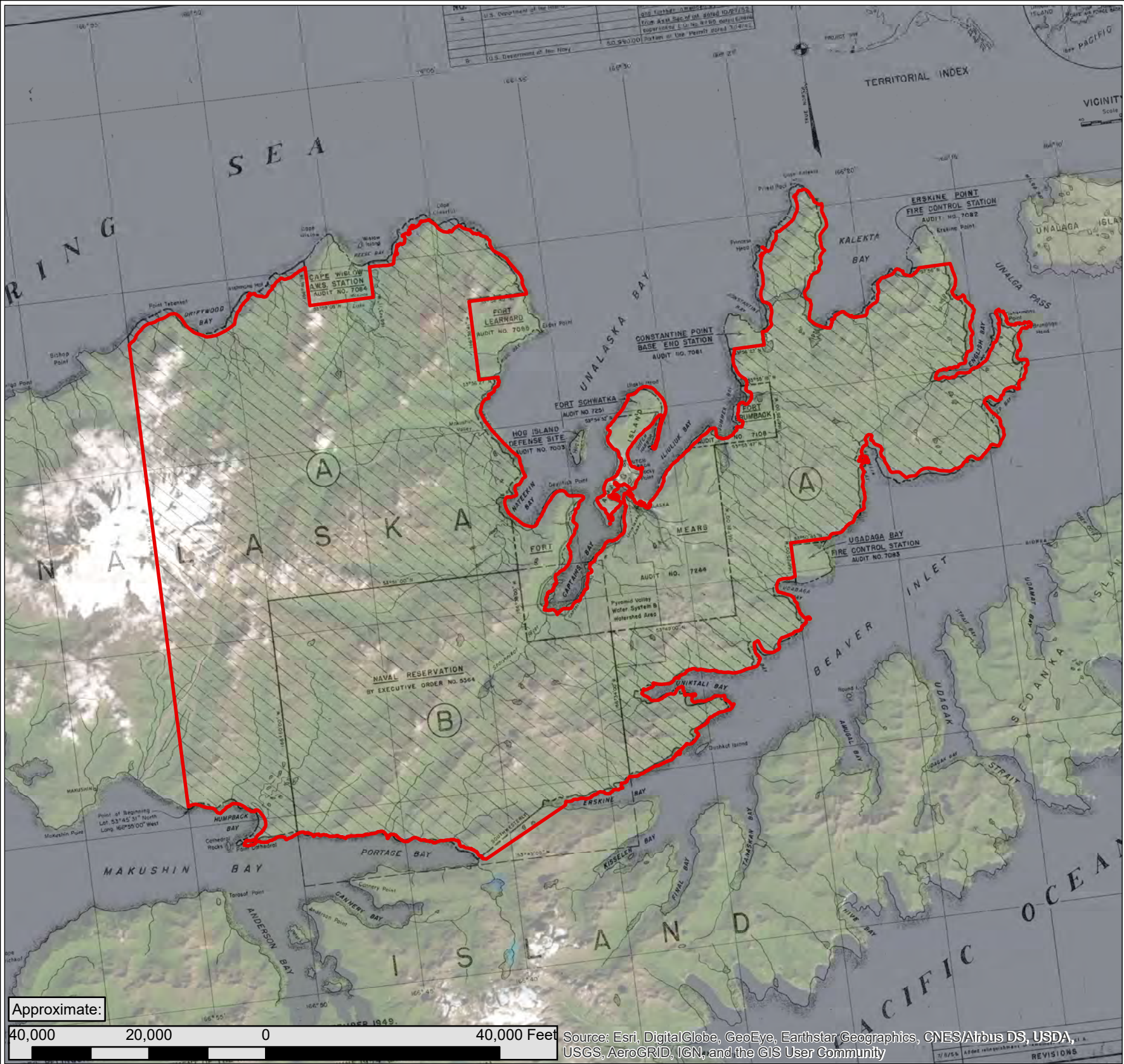
Commented [FRBCUC(19)]: See above.

8. Participation.

- a. The public, including friends, significant others, and associates of the RAB Community members are encouraged to attend meetings as members of the general audience and are encouraged to participate in that capacity.
- b. Meeting agendas will include an opportunity for public comment from the audience subject to reasonable limitation determined by the Co-Chairs. Additional written public comment is strongly encouraged.
- c. General comments, or comments unrelated to the discussion at hand will be withheld until an appropriate time. Meeting agenda will include a specific opportunity to hear potentially wide-ranging general comments.

9. **Amendments of RAB Operating Procedures.** Amendments to RAB operating procedures may be made with a 51% vote of a quorum of all RAB members. Proposed amendments will be voted on by all RAB members.

Commented [FRBCUC(20)]: See above. Note- 51% is not equal to 5 members (4 including community co-chair, plus USACE co-chair).

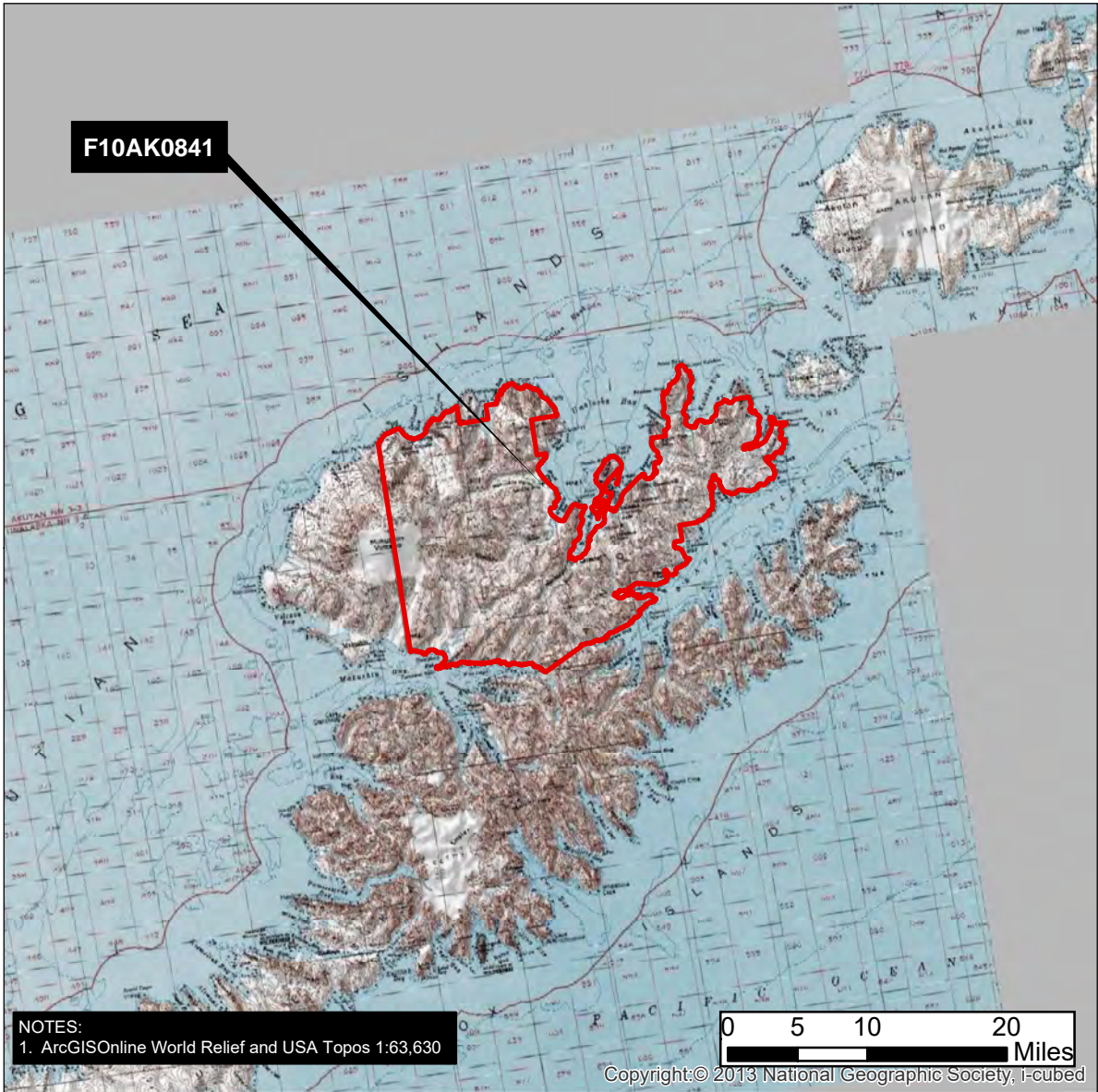
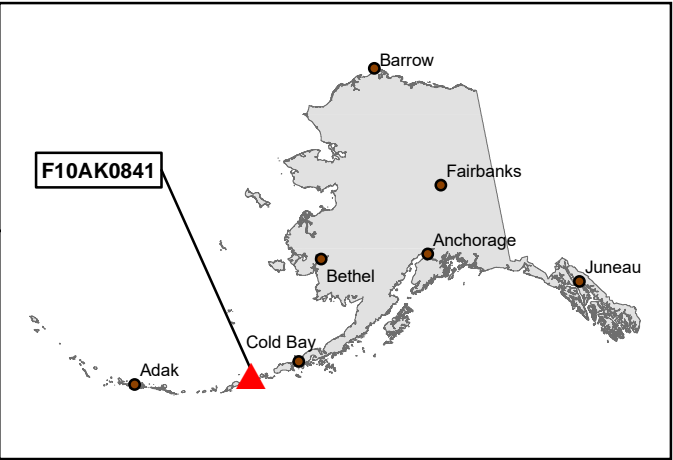


Legend

FUDS Property Polygon

CENTROID LOCATION
LOCATION OF POLYGON CENTROID IS:
53.865894 ° NORTH LATITUDE
166.606367 ° WEST LONGITUDE

AREAS
CALCULATED POLYGON LAND AREA:
213,309.62 ACRES
CALCULATED POLYGON OCEAN WATER AREA:
00.00 ACRES
FUDS FDE AREA: 188,420.00 ACRES



REFERENCES

1. Real Estate Maps: Fort Brumback, A3-52-8 March 11, 1948; Fort Mears, A3-52-10 sheets 1&2, May 23, 1950; Fort Schwatka A3-52-7, Feb 10 1949 (not audited), Unalaska Island Defense Site A3-52-11 Aug 30 1950
2. Inventory Project Report, Findings and Determination of DOD, Unalaska Defense Site, June 4, 1984.
3. Executive Orders No. 5364, 7816, and 8786 and Public Land Order 2437

PROCESS

1. Used EOs and PLO to determine the correct latitude and longitude for boundaries of the disposal. Amaknak and Expedition Islands based on EO7816 and 8786..
2. Used Real Estate Maps to create the tracts. Used 1995 AeroMap Topographic and BLM Plat CADD drawings to assume precise location of tracts

Drawn By:
CJG
Date:
7-7-15
Reviewed By:
DMO
Date:
7-7-15



ALASKA DISTRICT

FUDS POLYGON
AMAKNAK (JULY, 2015)

F10AK0841
UNALASKA ISLAND, ALASKA


FIGURE 1

Formerly Used Defense Sites (FUDS) Property Status
Funded in FY23 and Future
January 2023

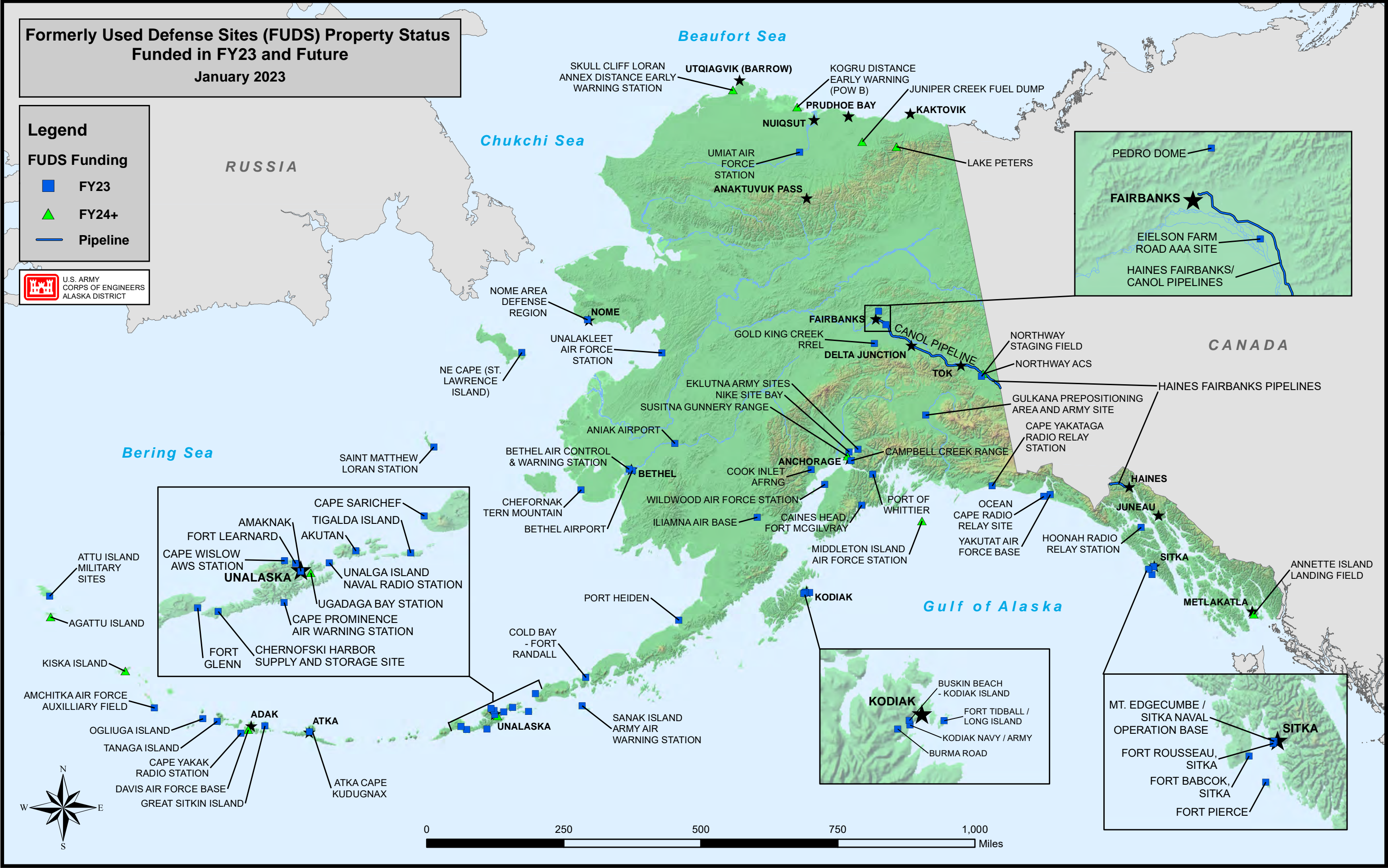
Legend

FUDS Funding

- FY23
- ▲ FY24+
- Pipeline



U.S. ARMY
CORPS OF ENGINEERS
ALASKA DISTRICT



Update on FUDS Work at Fort Glenn, Umnak Island

USACE Project Manager Jeremy Craner

US Army Corps of Engineers, Alaska District

FUDS Program

March 2023



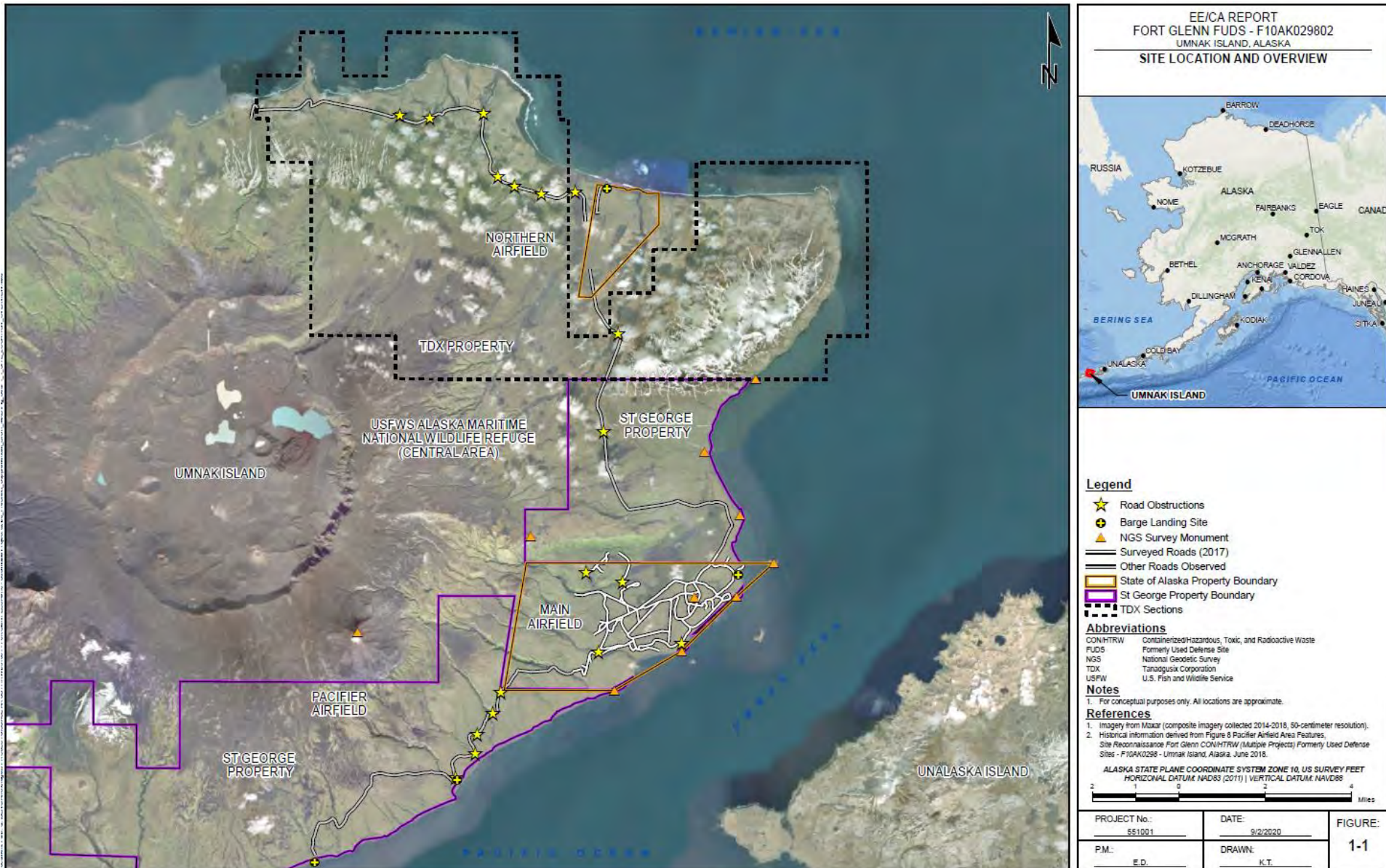
US Army Corps
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Fort Glenn FUDS



Fort Glenn FUDS



Fort Glenn FUDS

FUDS Project Types

- Containerized, Hazardous, Toxic, and Radioactive Waste (CON/HTRW)
- Military Munitions Response Program (MMRP)
- HTRW
- 8 total active projects, many more on the shelf



Fort Glenn FUDS

Active Projects

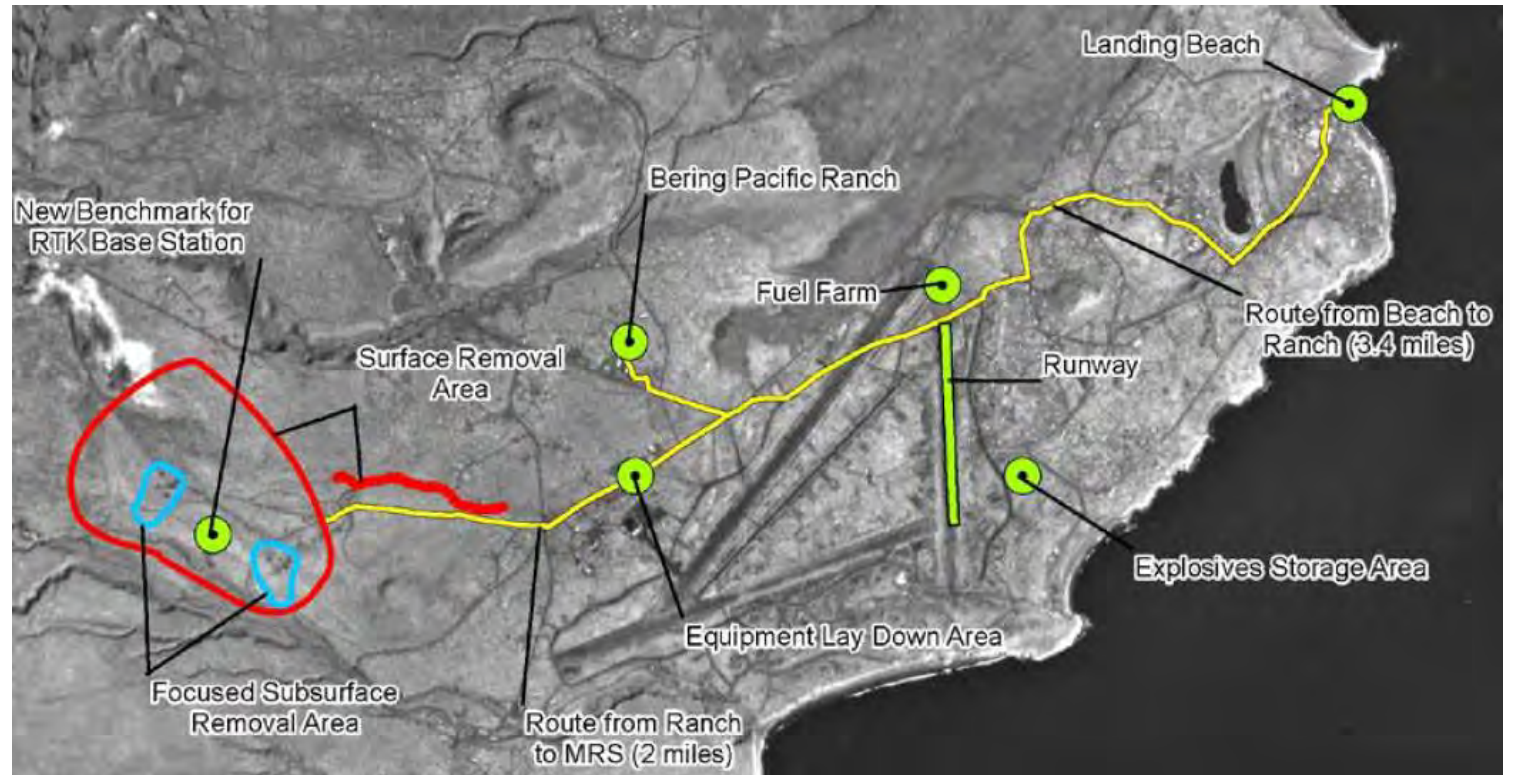
- CON/HTRW - 4 total; drums, tanks, pipelines, transformers and equipment
 - Following Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process for a Time-Critical Removal Action (TCRA)
 - Planning and public meetings
 - Start field cleanup work in 2024/2025



Fort Glenn FUDS

Active Projects

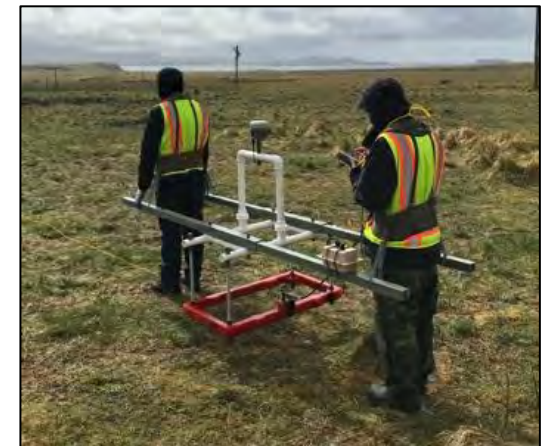
- MMRP – Open Burn/Open Detonation (OB/OD) Area Remedial Action work in 2020 & 2021



Legend

- | | |
|---------------------------------|--------------|
| Surface Removal Area | Site Feature |
| Focused Subsurface Removal Area | Road |
| Runway | |

Fort Glenn FUDS



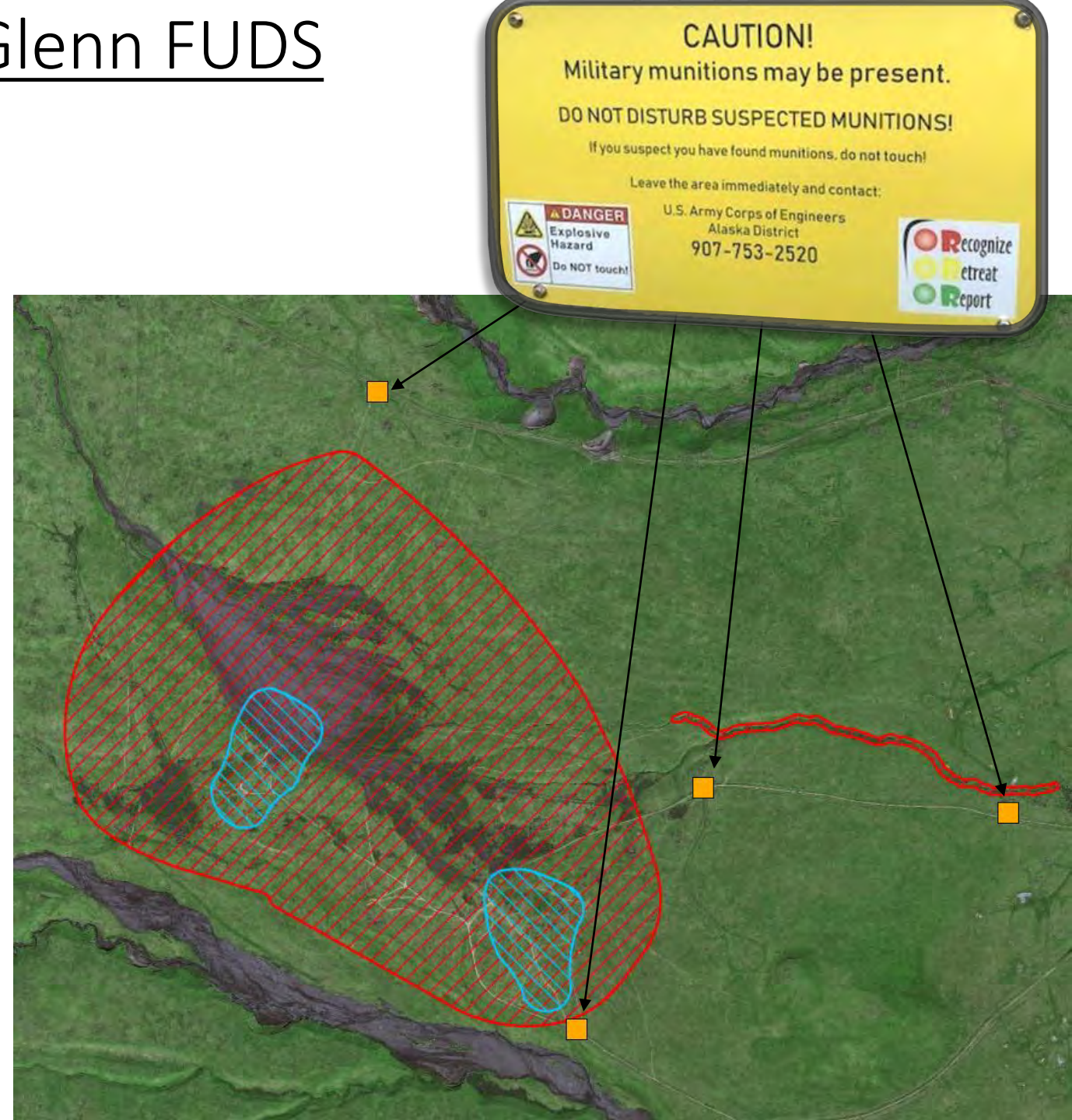
Fort Glenn FUDS

- Surface Removal: 337 acres - 5,500 lbs
- Subsurface Removal: 30 acres - 34,000 lbs
- Work at the OB/OD Area has been completed in accordance with the Decision Document



Fort Glenn FUDS

- Remedy In Place (Remedial Action Objective complete, signage, 3Rs education)
- Reports continue to be reviewed/finalized
- Land Use Controls and 5-Year Reviews: assess protectiveness of the remedy
- Munitions Response Site Prioritization Protocol (MRSP) update



Safety Reminder



Sgt. Woof

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.

CLASSIFIEDS & LEGALS



PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS
FORMERLY USED DEFENSE SITES

The U.S. Army Corps of Engineers, Alaska District, is updating documents for various sites located in the Alaska Peninsula and Aleutian Islands, Alaska:

Atka Air Force Auxiliary Field
Atka 521st Combat Engineers Area
Amchitka Island
Amaknak Island
Attu Island Military Sites
Cold Bay ACS – Fort Randall
Chernofski Harbor
Davis Air Force Base
Fort Glenn
Great Sitkin Island
Kiska Island
Port Heiden – Fort Morrow
Tanaga Island

These sites will be reviewed under the Department of Defense’s Military Munitions Response Site Prioritization Protocol. This protocol is used to assess sites that may have unexploded ordnance, discarded military munitions, or munitions constituents, and to assign priorities for any potential additional investigation or munitions removal that may be required.

If you can provide information about these sites, or have any questions or concerns, please contact the Alaska District Public Affairs Office by phone at 907-753-2520, via email at POA-FUDS@usace.army.mil, or by mail at CEPOA-PME (FUDS), PO Box 6898, JBER, AK 99506-0898.



Director Candidates Wanted

Three (3) directors will be elected to the Nushagak Cooperative Board at the 22nd Annual Member Meeting scheduled for March 21, 2023. Members interested in being considered should submit a letter of interest, along with a photo and biography by 5:00 p.m. **Friday, January 6, 2023**, via e-mail, fax, or U.S. Postal Service to:

Nushagak Cooperative Nominating Committee
Attn: Angela Thames
P.O. Box 350
Dillingham, Alaska 99576

or

E-mail: athames@nushagak.coop
Fax: (907) 842-2799

*Members may also petition to have their name placed on the ballot by obtaining a minimum of 15 signatures from the membership. Nominations made by petition must be received at the Cooperative by 5:00 p.m. **Monday, January 30, 2023**, to be considered valid.

For any further information please contact Angela Thames at 842-5251.



Call classifieds to place your ad.
907-257-4568 or email: ads@reportalaska.com



Alaska cannabis industry may be topping out

Researchers say pandemic has complicated growth

ZACHARIAH HUGHES
Anchorage Daily News

After years of growth, Alaska’s cannabis industry appears to be hitting a plateau, with the pace of employment and tax revenue increases leveling off.

The assessment comes from a new report this month on Alaska’s economic trends by the state’s Department of Labor and Workforce Development, which finds the industry has “matured” since last evaluated.

Alaskans voted to legalize recreational cannabis businesses in 2014, and the first operations opened shop at the end of 2016.

Employment and tax revenues ballooned in the industry’s first years, with total jobs doubling from 2017 to 2018, but has since started to level out, indicating the industry may be approaching a ceiling, if not already there.

“The industry has settled in since that first snapshot. Jobs, wages and taxes have continued to grow, but at a slower pace each year,” wrote Karinne Wiebold, the report’s author.

Though the industry averaged 1,566 jobs associated with cannabis in 2021, bringing with them \$48.3 million in wages to employees, state analysts believe that may be an undercount, noting that currently there are “7,000 active marijuana handler permits, which is a rough proxy for the number of people who have participated in the industry in

some way within the last three years.”

2021 saw \$28.9 million in excise taxes on cannabis brought into the state’s general fund, which does not include additional sales taxes collected in some cities and boroughs.

The pandemic is a complicating variable, according to the researchers, having arrived as the cannabis industry was in a rapid growth phase and obscuring market equilibrium.

“It remains to be seen how much marijuana Alaska consumers and visitors want, how many cultivators it takes to produce it, and how many stores (and in what locations) can be profitable,” the report notes. “While growth moderating over the last couple of years could be the industry settling, it’s also possible that COVID-19 tempered expansion. Demand could pick up as the pandemic winds down. Few out-of-state seasonal workers showed up in 2020, and product demand was likely reduced as few visitors came that year and a fraction of the typical number returned in 2021.”

As of December of this year, the state counts 459 active licenses, a figure that includes retail stores, cultivators, manufacturing businesses that make products like edibles and concentrates as well as just two testing facilities for the state’s entire industry. The largest share of those licenses, 133 of them, are in the Matanuska-Susitna Borough. Anchorage hosts 105, the Fairbanks North Star Borough 71, with 66 on the Kenai Peninsula and another

84 spread across Southeast, Western Alaska and less dense areas of the Railbelt.

To date, the state has received more than \$119 million from excise taxes on cannabis, which are calculated through flat rates when cultivators sell flower or trim to manufacturing or retail businesses. The mechanism does not take potency into account, which some in the industry have criticized for offering an economic imperative to grow higher-strength product that commands a higher retail price.

The report notes that federal prohibitions on cannabis make for a lot of challenges, particularly in Alaska given how much of the state is not connected by roads.

“This means that with few exceptions, cannabis in any form can’t be transported by air or sea,” the report points out. “Samples must be tested before sale, and Alaska’s two testing facilities are on the road system, so cannabis tends to be grown on the road system as well. Remote operators must grow their own and arrange for testing or take frequent trips to the grow facilities to pick up and transport the product in person.”

This puts business owners and residents in a legal gray zone between federal and state rules each time they board a commercial flight or ferry with cannabis on their person.

“The state allows cannabis products on intrastate commercial flights as long as they stay with the traveler (so, carry-on only),” Wiebold said. “The federal government has instructed the Transportation

Security Administration to contact local law enforcement when they encounter marijuana to ensure it follows state law.”

The federal government’s stance towards cannabis has oscillated with different presidential administrations. During the Obama administration, the Justice Department deferred to state laws in deciding how to apply resources, which meant Alaska and several other states’ industries had fewer threats of legal sanction hanging over them.

That guidance was reversed under the Trump administration, although there was scant interference or prosecution in states with legal cannabis industries. So far, the Biden administration’s approach, as the report notes, has been “hands off” when it comes to federal law enforcement over cannabis.

Though there are few signs that federal legalization of cannabis is on the immediate horizon, especially with the U.S. House flipping from Democratic control to a Republican majority in January, such legislation would upend Alaska’s existent industry, the state analysis notes.

Alaska cannabis licenses have a residency requirement that has largely kept out major investors and ownership groups from the Lower 48. Likewise, more inexpensively grown product from saturated markets along the West Coast could undercut local cultivation businesses if shipping it were suddenly legal.

Contact Zachariah Hughes at zhughes@adn.com.

BUDGET

FROM PAGE 8

sequestration market is set to grow by billions in the coming years. Several Alaska Native corporations have already capitalized on timber tracts in California’s carbon credits market, which allow forest owners to get paid for keeping lands unharvested for 100 years.

“The scale that Alaska has to offer on this is unprecedented. It’s unprecedented not just in the size of Alaska but in the different methods by which carbon can be sequestered,” Dunleavy said. “We haven’t even begun to calculate the sequestration concept in terms of monetization.”

Dunleavy said he sees a possibility of having revenue from carbon sequestration within the next several months through forest preservation, with additional work needed to figure out other methods of sequestration.

“For years, the conversation on revenue was — whose ox are we going to gore? Are we going to do an income tax on the people of Alaska? Are we going to do corporate taxes? With the advent of monetization of carbon, we have a real possibility of receiving revenue that doesn’t gore any ox,” Dunleavy said.

Lawmakers said Dec. 15 that that they were intrigued by the proposal but still lacked the information needed to understand if and when it would change the state’s fiscal outlook.

“I’m a little cautious about saying it’s going to solve all of our problems,” said Stevens.

Contact Iris Samuels at isamuels@adn.com.

Remedial Investigation Magazines E2 & J, Fort Learnard, Unalaska Island

USACE Project Manager Jeremy Craner

US Army Corps of Engineers, Alaska District

FUDS Program

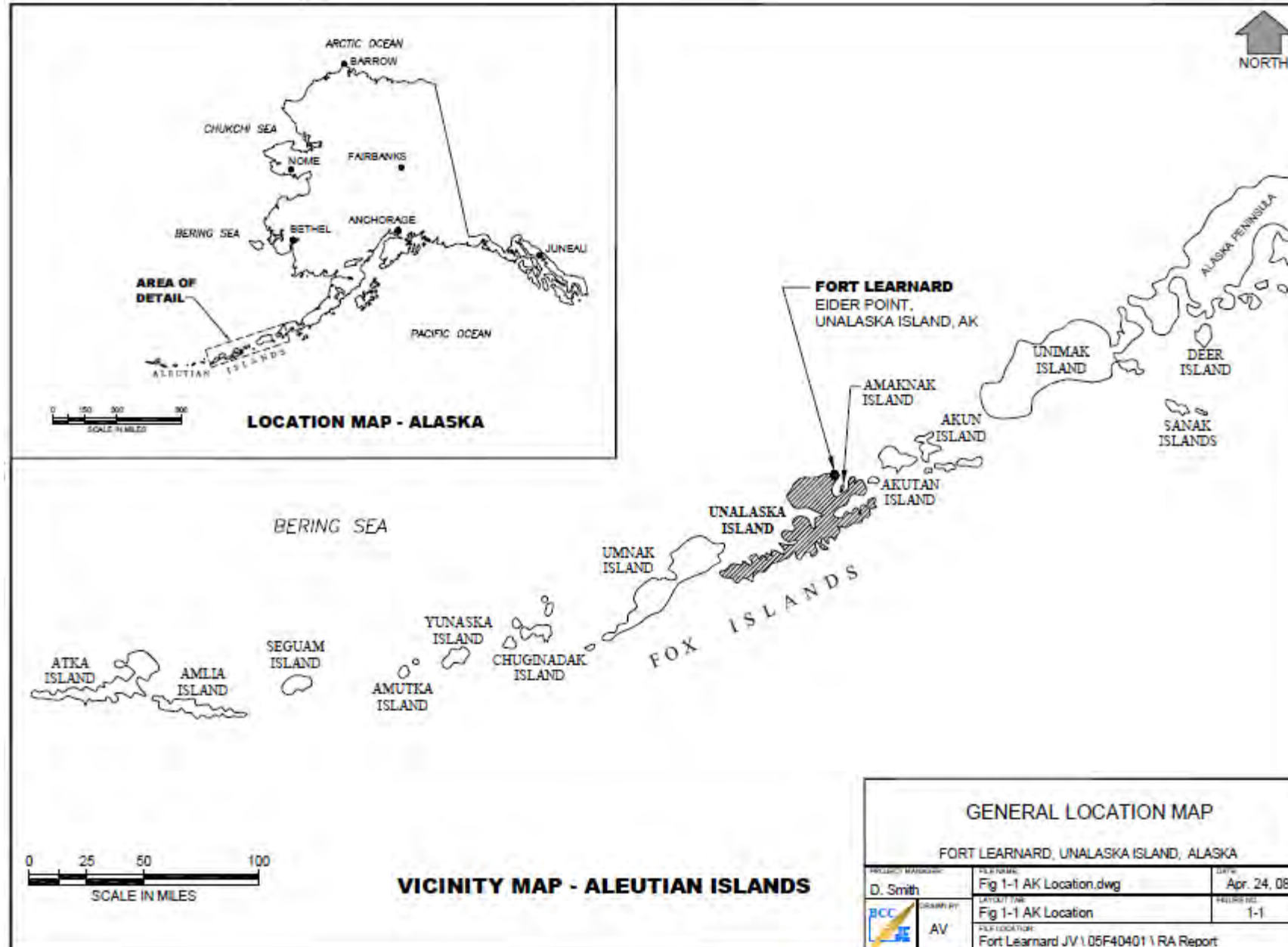
March 2023



US Army Corps
of Engineers®



Fort Learnard FUDS



Ft Learnard Magazines E2 & J OVERVIEW

- Fort Learnard established during World War II to provide harbor defenses with two six-inch guns and a 90mm gun position along with several storage magazines.
- Consisted of 2,460 acres at Eider Point on Unalaska Island ~5 miles northwest across Unalaska Bay from Dutch Harbor.
- Fort Learnard was decommissioned in 1945, declared excess in 1949, and relinquished to the Department of the Interior in 1951.
- MRS 322.05 acres (216.59 land, 105.46 water), predominantly used for hiking and fishing.
- Previous field inspection determined that Magazines E2 and J had been detonated around 1946.

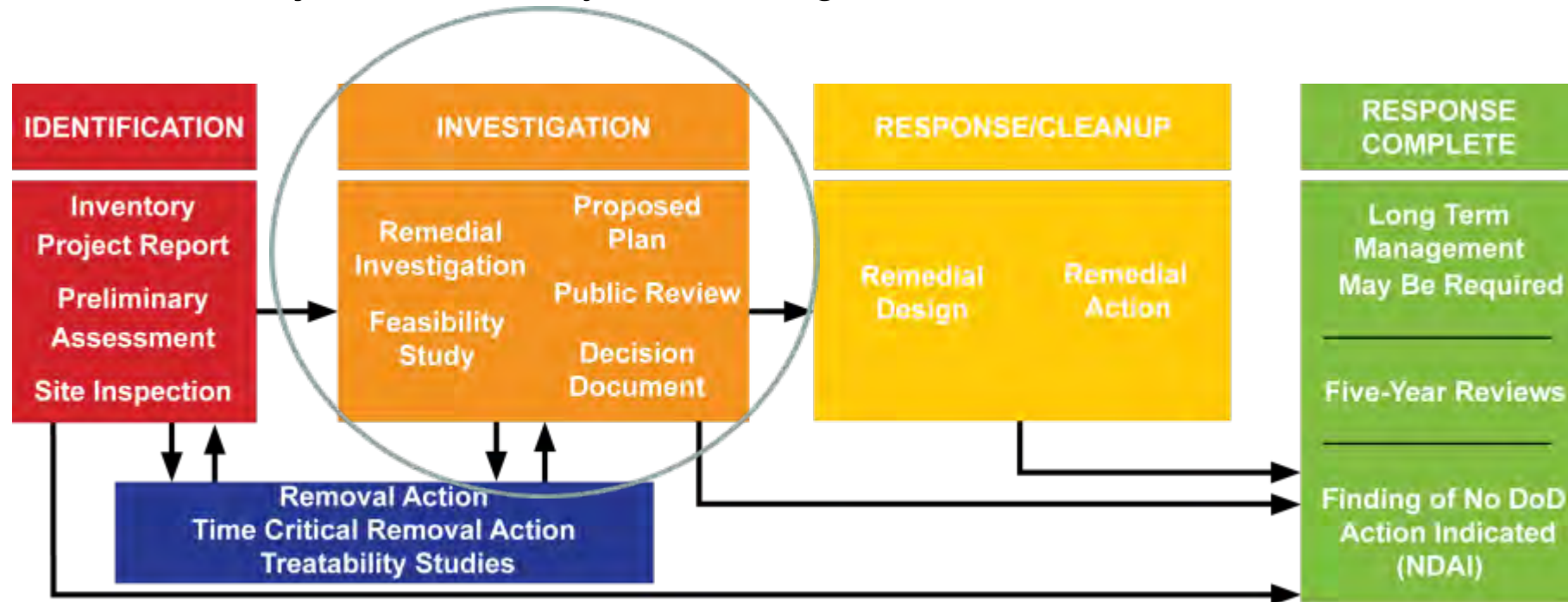


Ft Learnard Munitions Response Site (MRS)

- Magazines E2 & J are a MRS being investigated under the Military Munitions Response Program (MMRP) in accordance with Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Range Support Center (RSC) is one of 4 Military Munitions Design Centers (MMDC) for execution of work under the MMRP
- USACE Project Delivery Team: Alaska District and RSC technical disciplines (geophysicist, geologist, chemist, risk assessor, ordnance and explosive safety specialist, etc.)
- RSC awarded a contract to EA Engineering – August 2022

Ft Learnard Remedial Investigation

Project is currently at this stage



(U.S. Army Corps of Engineers Environmental Regulation 200-3-1, FUDS Program Policy, May 2004)

RI Objective: characterize site conditions to define the nature and extent of Munitions and Explosives of Concern (MEC) and Munitions Constituents (MC) contamination and assess the MEC and MC risk to human health and the environment.

Schedule Overview

- Public meeting scheduled for April 20, 2023 – details to follow.
- Systematic Project Planning Meetings 3 and 4: establish project data quality objectives with regulators and stakeholders (ongoing & throughout the project)
- Work Plan (UFP-QAPP) currently under development: final anticipated Jan 2024.
- Fieldwork: anticipated start in April 2024 and run through Oct 2024
- Remedial Investigation Report: development following fieldwork; final document anticipated in July 2025
- Feasibility Study, Proposed Plan, and Decision Document to follow as required.

Safety Reminder



Sgt. Woof

Follow the 3Rs of Explosives Safety:

Recognize:

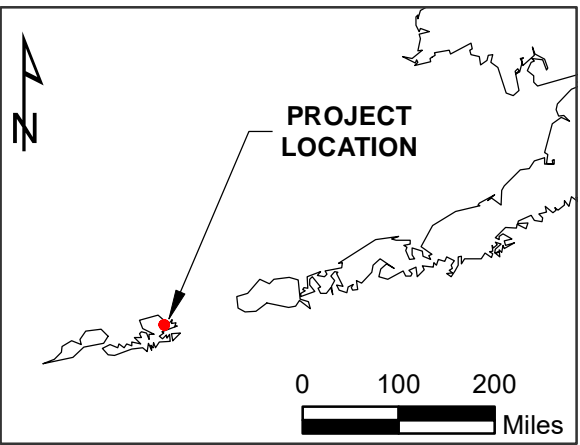
when you may have encountered a munition and that munitions are dangerous.

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.



Legend

Monitoring Well Status


- Existing Well
- Decommissioned 2019
- Well Not Located/Destroyed 2019
- Not Sampled 2019
- Free Product Encountered in October 2019
- Shoreline Inspection Area
- Project Area

Building

- Former Building
- Former Tank
- Utilidor

0 75 150 Feet
1 inch = 150 feet

SITE MAP
HTRW-LONG TERM MANAGEMENT
SITE INSPECTION WORK PLAN
AMAKNAK PRE-WWII TANK FARM
UNALASKA, ALASKA

 U.S. ARMY CORPS OF ENGINEERS ALASKA DISTRICT		
Drawn By: VZ	Project Manager: Caryn Orvis	FIGURE 1-2
Date: 12/28/2022	Project Number F10AK0841-03	

Notes:
1. Monitoring wells MW-7R, MW-8R, MW-11, MW-16N, MW-17, MW-18, MW-19, MW-24, MW-25, MW-26, and MW-27 were surveyed by Brice Engineering in October 2019. The locations of other wells are shown as previously reported.
2. Data source: USACE
3. Imagery: ESRI 2022
4. ALASKA STATE PLANE ZONE 10, US Survey Feet
Horizontal Datum: NAD83 (2011) | Vertical Datum: NAVD88

Abbreviations:
FUDS - Formerly Used Defense Site


Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



C:\Users\bramsay\Desktop\GIS\USACE\Unalaska Valley FUDS\MXD\01 - 2023 Work Plan\01 - Project Overview.mxd bramsay

- ▲ Active ADEC Contaminated Site
- Project 13- Unalaska Valley

Notes:
Coordinate System:
NAD83 (2011) AK
State Plane Zone 10



Scale
1 inch = 3,000 feet
1:36,000

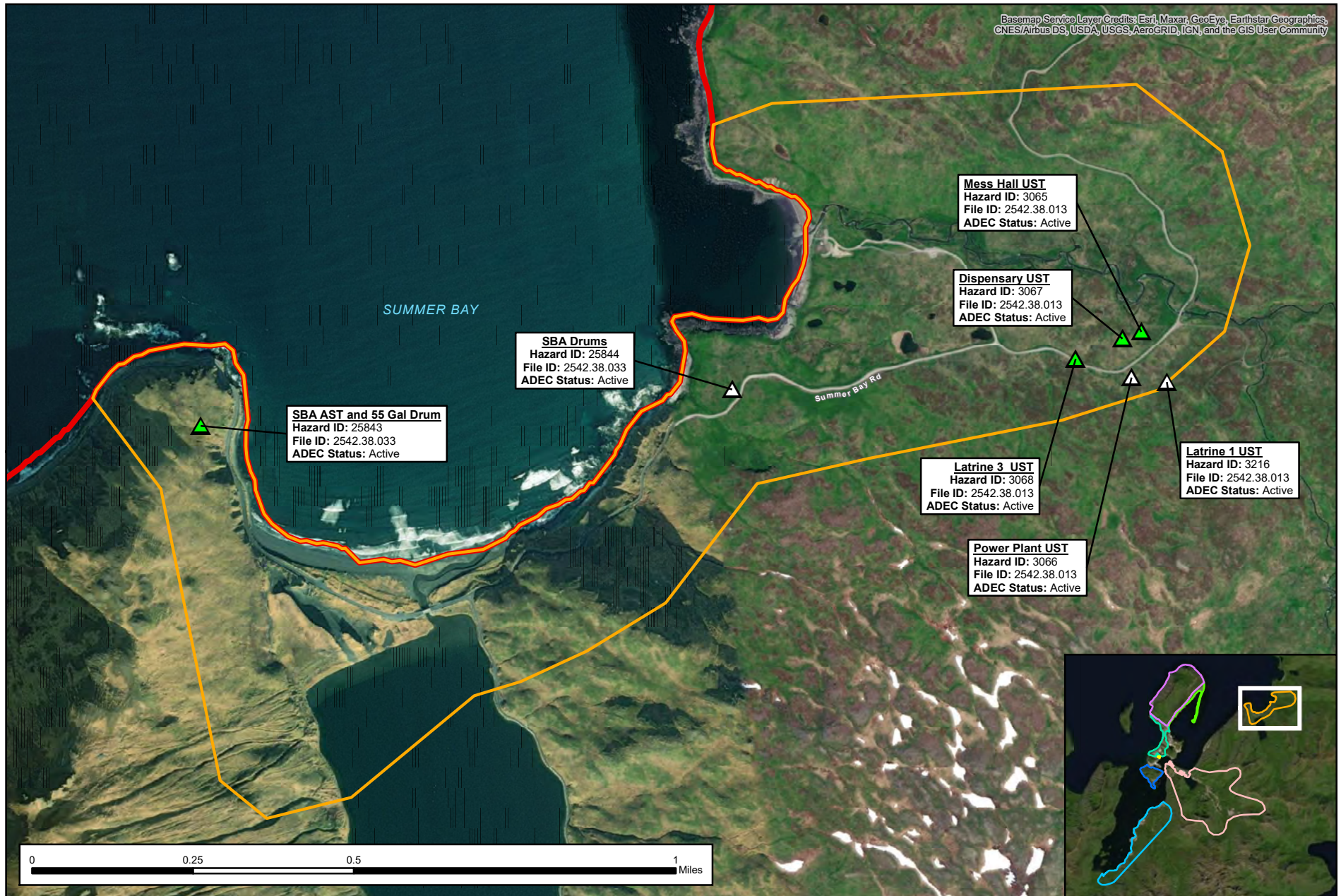
PROJECT LOCATION
F10AK0841 AMAKNAK FORMERLY USED DEFENSE SITE
PROJECT 13: UNALASKA VALLEY

Unalaska Island, Alaska



PROJECT MANAGER	DATE	FIGURE
N. Cale	2023-01-27	1

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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

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

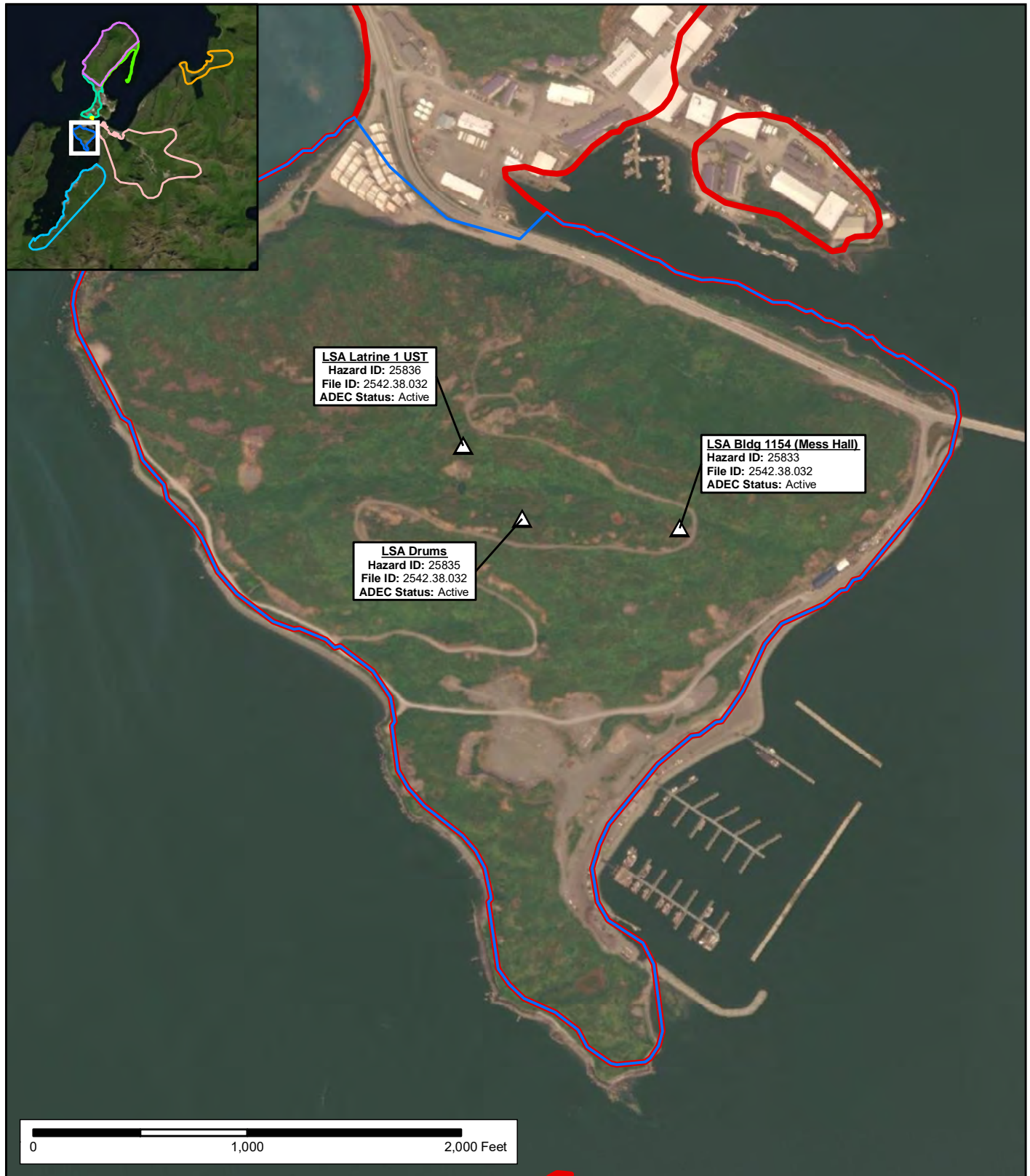
PROGRESS AND PRIORITIZATION OF REMAINING IMPACTS:



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

FIGURE NO:

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

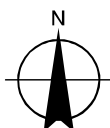
ADEC Contaminated Site Status

FUDS

△ 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



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

PROGRESS AND PRIORITIZATION OF REMAINING IMPACTS: PROJECT-20: LITTLE SOUTH AMERICA

DATE:
04 MAR 2021

PROJECT MANAGER:
R. FLINT

DRAWING
L. CHOP



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

FIGURE NO:
8

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

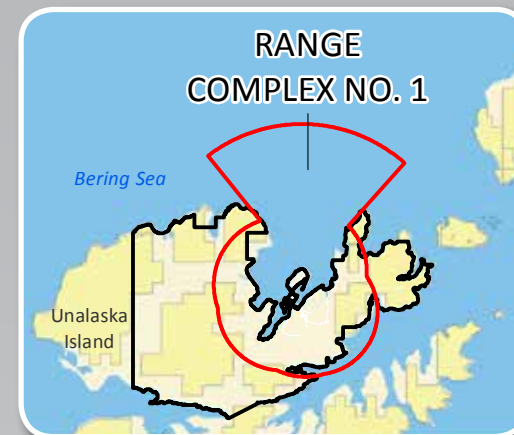


Visit the U.S. Army's Explosives Safety Education website:
3Rs.mil

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: **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; and **Report** – 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

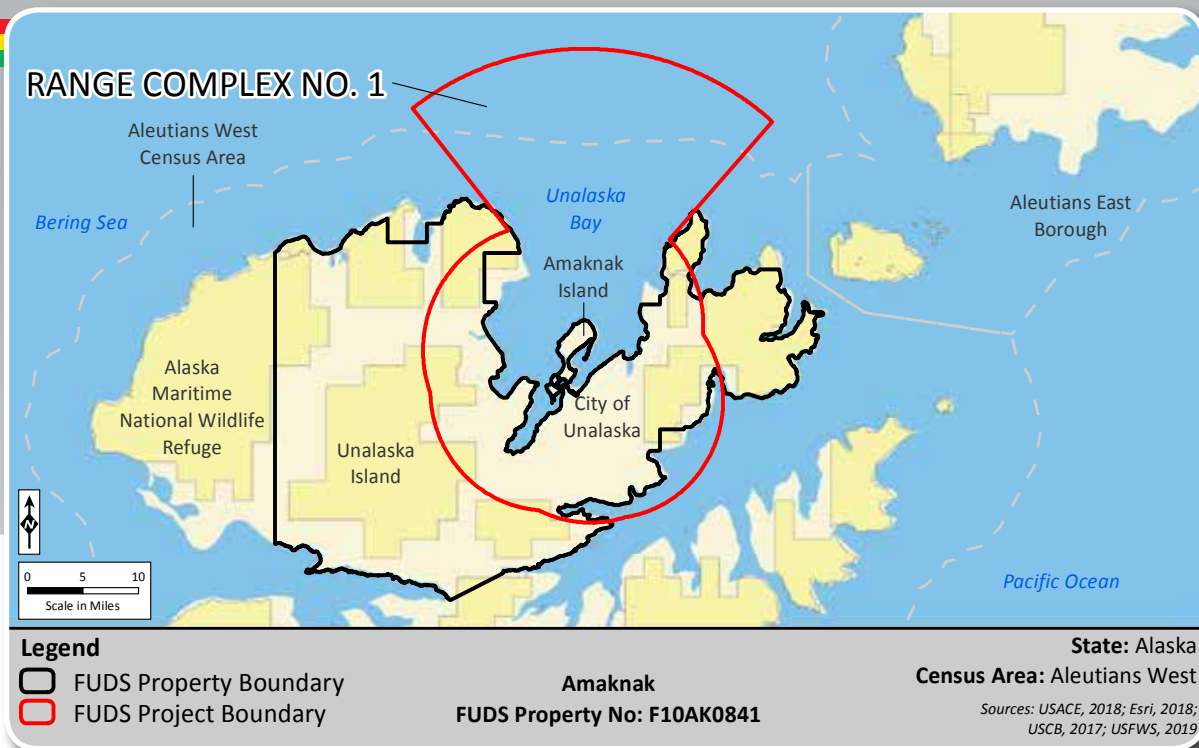
remain on the property and in the surrounding waters of Range Complex No. 1. The U.S. Army Corps of Engineers has determined that further investigation is required for Range Complex No. 1 at the former Amaknak Military Facilities.

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.

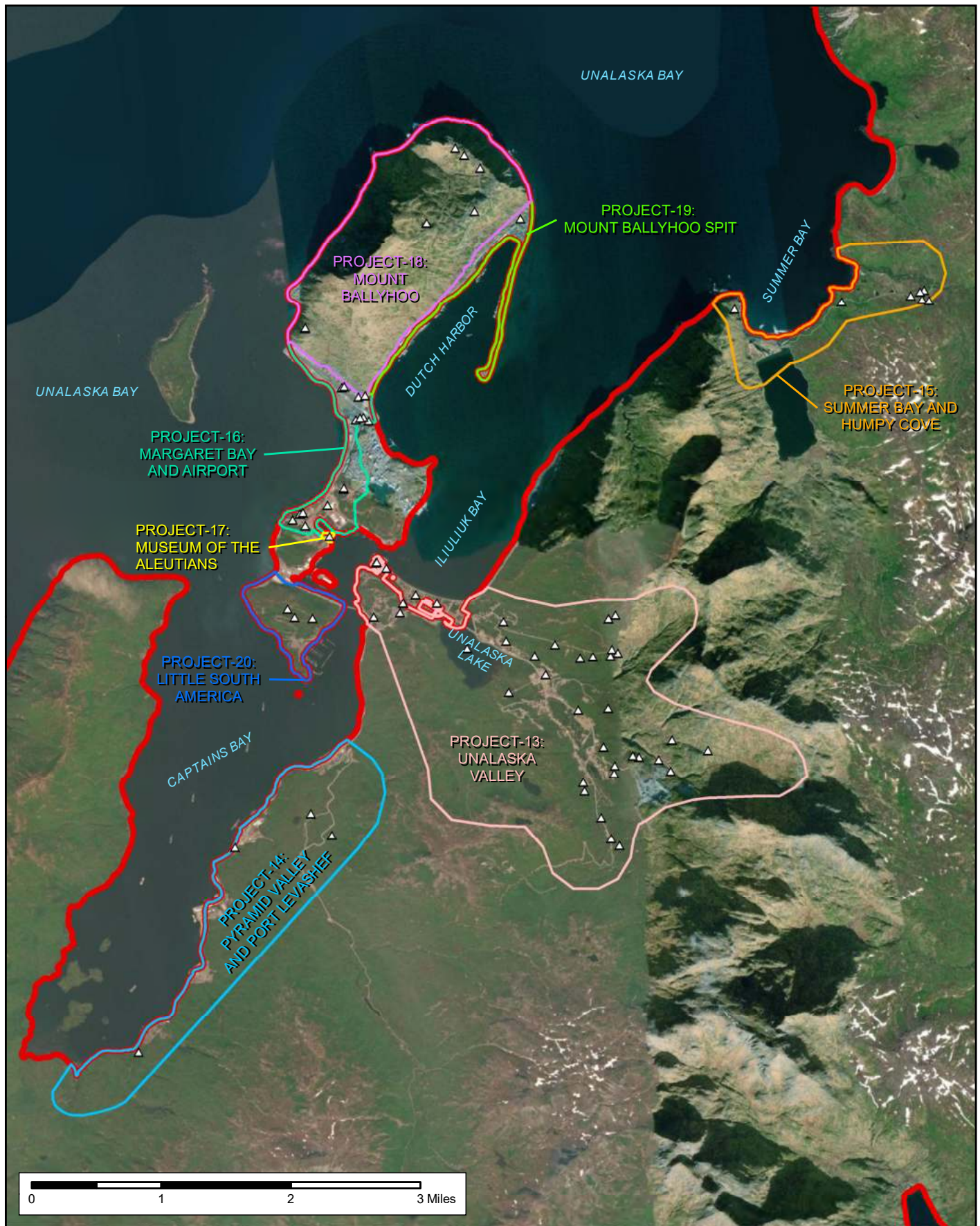
Retreat

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_F10AK084111_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:

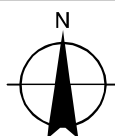
- Polygons represent project areas
- extents are approximate,
- for visual representation only

Spatial Reference:

- NAD 1983 2011 StatePlane Alaska 10 FIPS 5009 Ft
- Projection: Transverse Mercator
- Datum: NAD 1983 2011

Legend

- △ 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.:
2