



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



**Amaknak Formerly Used Defense Site
Status Update and Initial Restoration Advisory Board Meeting**

**6:00-8:00 PM
Tuesday, November 17, 2020**

**Teleconference Line:
1-213-357-2812
ID: 118 931 617#**

AGENDA

1. 6:00 – 6:10 Welcome and Introductions
 - a. USACE Presenters (Rena Flint, Thomas Reed, Kendall Campbell)
 - b. Meeting Goals and Objectives

2. 6:10 – 6:50 Restoration Advisory Board
 - a. Purpose of a RAB
 - b. Responsibilities of RAB Members
 - c. Opportunities to Serve on the Amaknak RAB
 - d. Membership Forms/ Draft Mission and Operating Procedures

3. 6:50 – 7:30 Project Updates
 - a. Information Repository Update
 - b. Pre-World War II Tank Farm Groundwater Monitoring
 - c. Dutch Harbor Vicinity Site Closures/ New Projects by Geographic Region
 - d. Interim Risk Management Communication

4. 7:30 – 8:00 Next Steps / Discussion / Questions and Answers
 - a. Membership Forms/ RAB Mission and Operating Procedures
 - b. Schedule Next Meeting
 - c. Contact Information and Closing Remarks

“Building and Preserving Alaska’s Future”

AMAKNAK

FORMERLY USED DEFENSE SITE

STATUS UPDATE AND INITIAL RESTORATION ADVISORY BOARD MEETING

Rena Flint, Project Manager
Tom Reed, Project Engineer
Kendall Campbell, Tribal Liaison

U.S. Army Corps of Engineers – Alaska District

17 November 2020



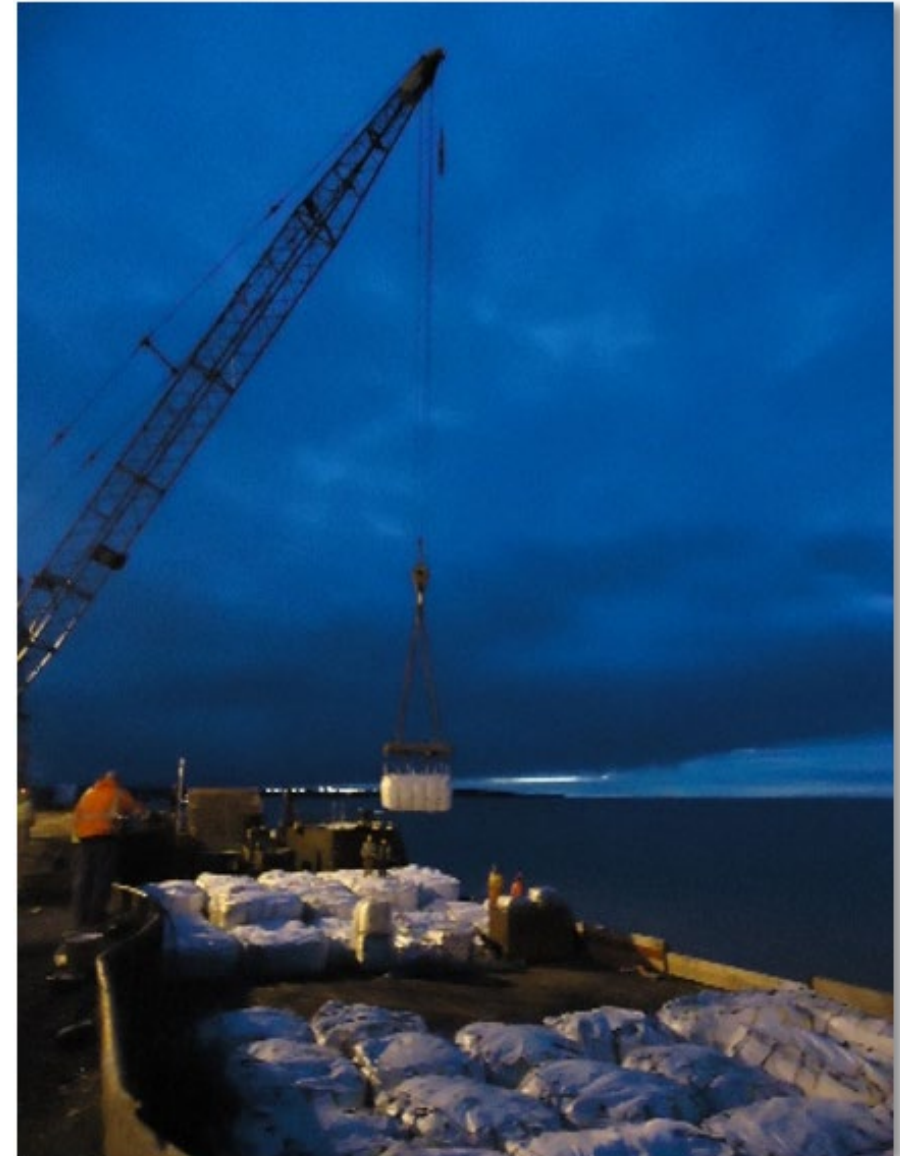
**US Army Corps
of Engineers®**





MEETING AGENDA

- WELCOME AND INTRODUCTIONS
- AMAKNAK FORMERLY USED DEFENSE SITE (FUDS)
- RESTORATION ADVISORY BOARD (RAB) INFORMATION
- PROJECT UPDATES
- NEXT STEPS
- QUESTIONS AND ANSWERS
- SCHEDULE NEXT MEETING
- CONTACT INFORMATION





PROJECT TEAM INTRODUCTIONS



Hello, my name is...



Rena Flint, Project Manager

Tom Reed, Project Engineer

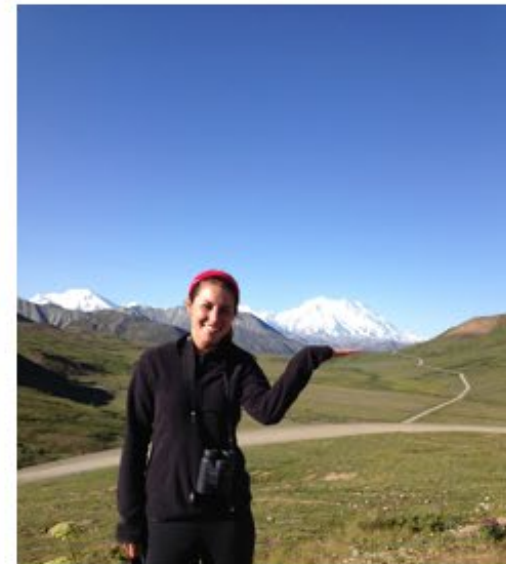


Kendall Campbell, Tribal Liaison



Erik Dahl, Environmental Engineer

David Munro,
Ecologist,
Meeting
Facilitator



Maggie Poyant,
Environmental Scientist,
Meeting Facilitator

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION (ADEC) INTRODUCTION



Our Mission:

Conserve, improve, and protect Alaska's natural resources and environment and control water, land, and air pollution, in order to enhance the health, safety, and welfare of the people of the state and their overall economic and social well being.

Spill Prevention and Response (SPAR) Division - Contaminated Sites Program - Federal Facility Oversight Section

- Regulatory Oversight
 - Protect human health and the environment by identifying, overseeing, and conducting timely, science-based, and defensible characterization, cleanup, redevelopment, and management of contaminated sites in Alaska.

ADEC Project Manager: Rachael Petraeus
Phone: 907-269-7520
Email: rachael.petraeus@alaska.gov



COMMUNITY INTRODUCTIONS



- Meeting Attendees
 - Please introduce yourself
 - Name, affiliation, what you're hoping to get out of the meeting





TRIBAL LIAISON



What I do:

- Support the U.S. Army Corps of Engineers Alaska District Commander in meeting the District's government-to-government (G2G) obligations
- Support building and strengthening cross cultural respect and tribal relationships across all Alaska District missions
- Support Alaska District staff level engagement and consultation
- Facilitate cross cultural communication and meaningful consultation
 - Mediation and Translation
- Manage Tribal Contacts lists, understand tribal areas of concern, monitor COVID travel mandates and closures
- Update Tribes on Corps policies, programs, and processes





RESTORATION ADVISORY BOARD (RAB) INFORMATION

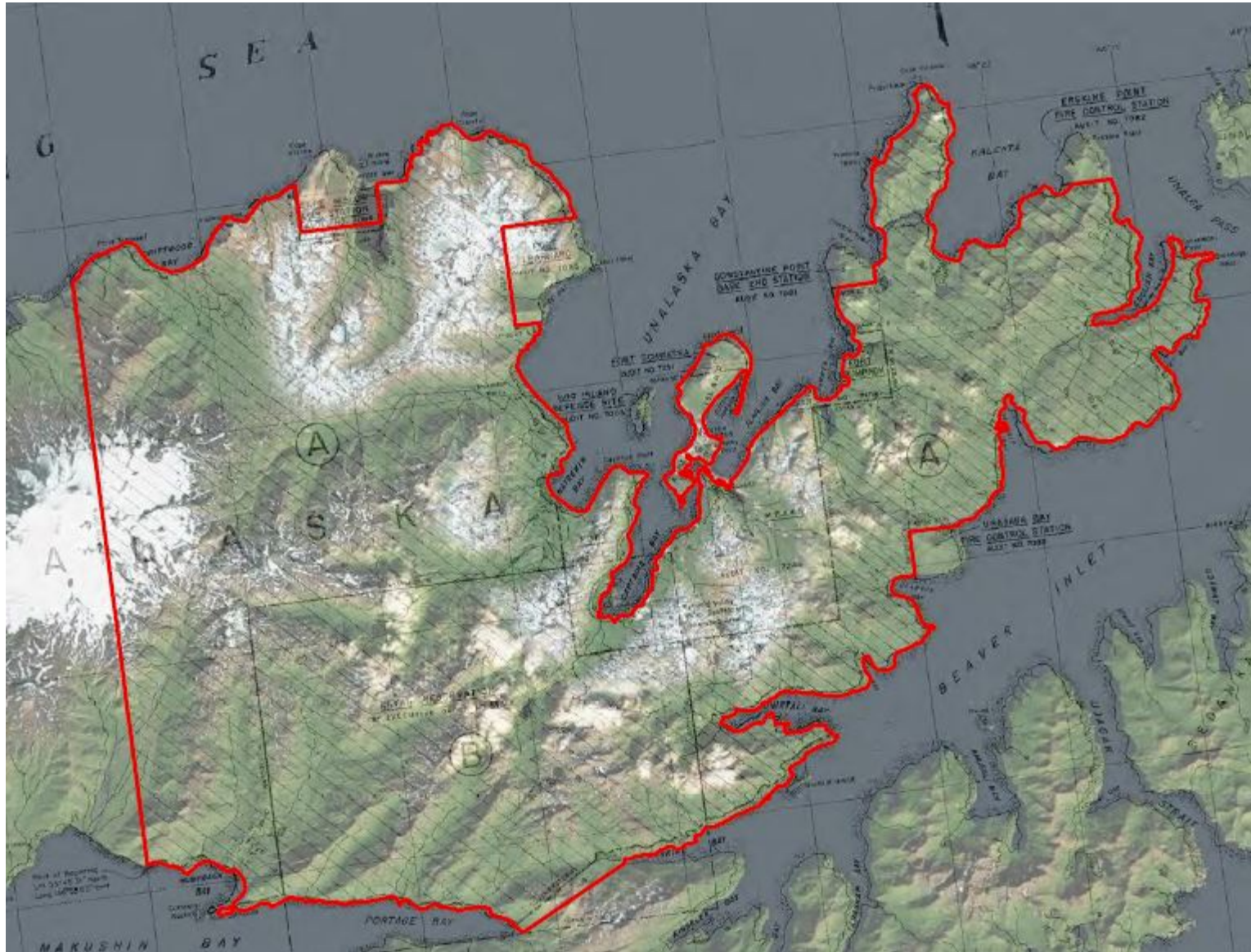


- Amaknak FUDS Property and Projects
- RAB Purpose
- Responsibilities of RAB Members
- How to Get Involved
- Membership Form and next Meeting to Induct Members
- Amaknak FUDS RAB Draft Mission and Operating Procedures





AMAKNAK FUDS PROPERTY





AMAKNAK FUDS PROJECTS

PRELIMINARY ASSESSMENT

SITE INSPECTION

INTERIM RISK MANAGEMENT



REMEDIAL INVESTIGATION

FEASIBILITY STUDY

RESTORATION ADVISORY BOARD

REMEDIAL DESIGN/
REMOVAL ACTION DESIGN

REMEDIAL ACTION CONSTRUCTION/
REMOVAL ACTION CONSTRUCTION



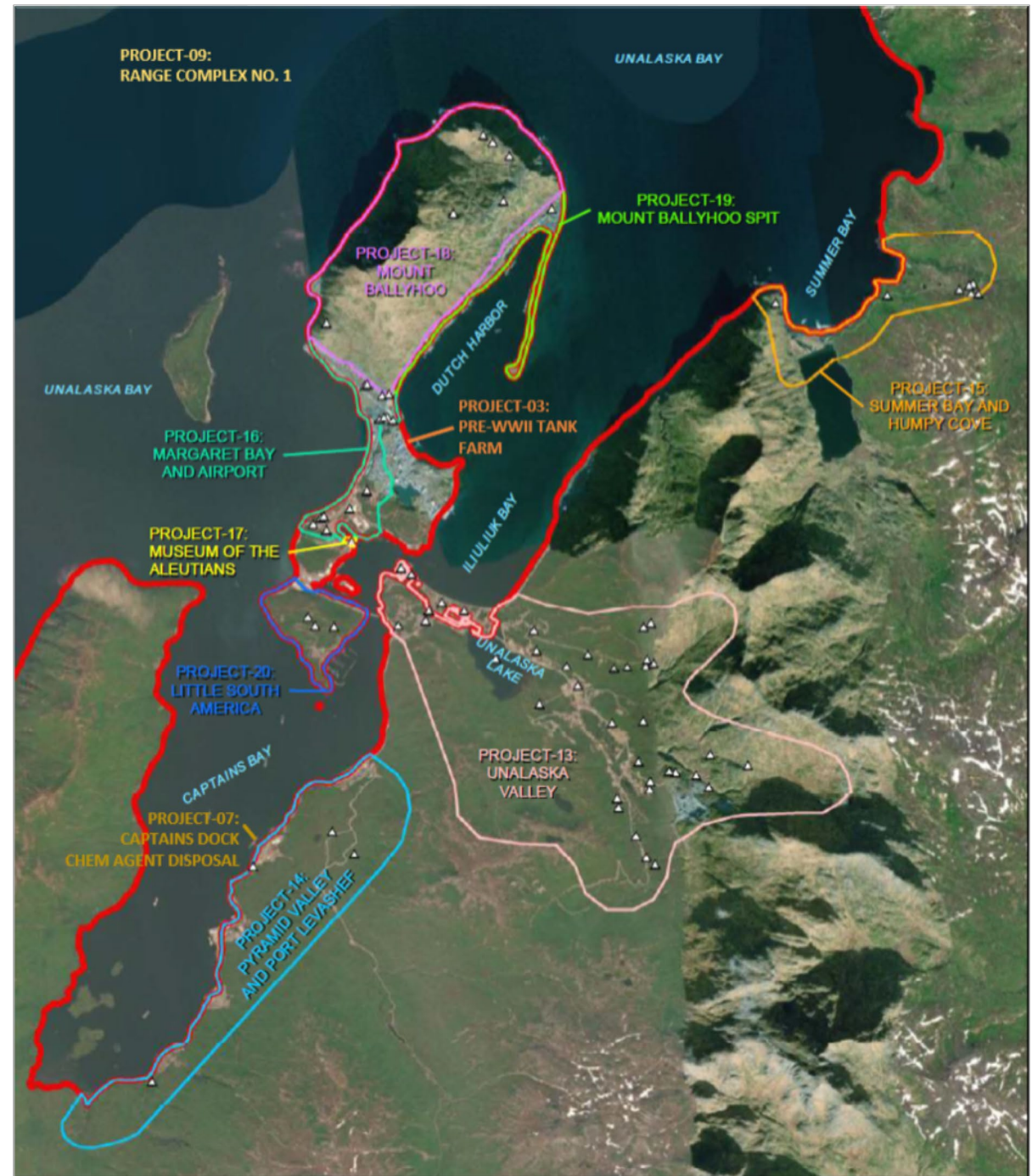
REMEDIAL ACTION OPERATION



LONG TERM MANAGEMENT



PROJECT CLOSEOUT



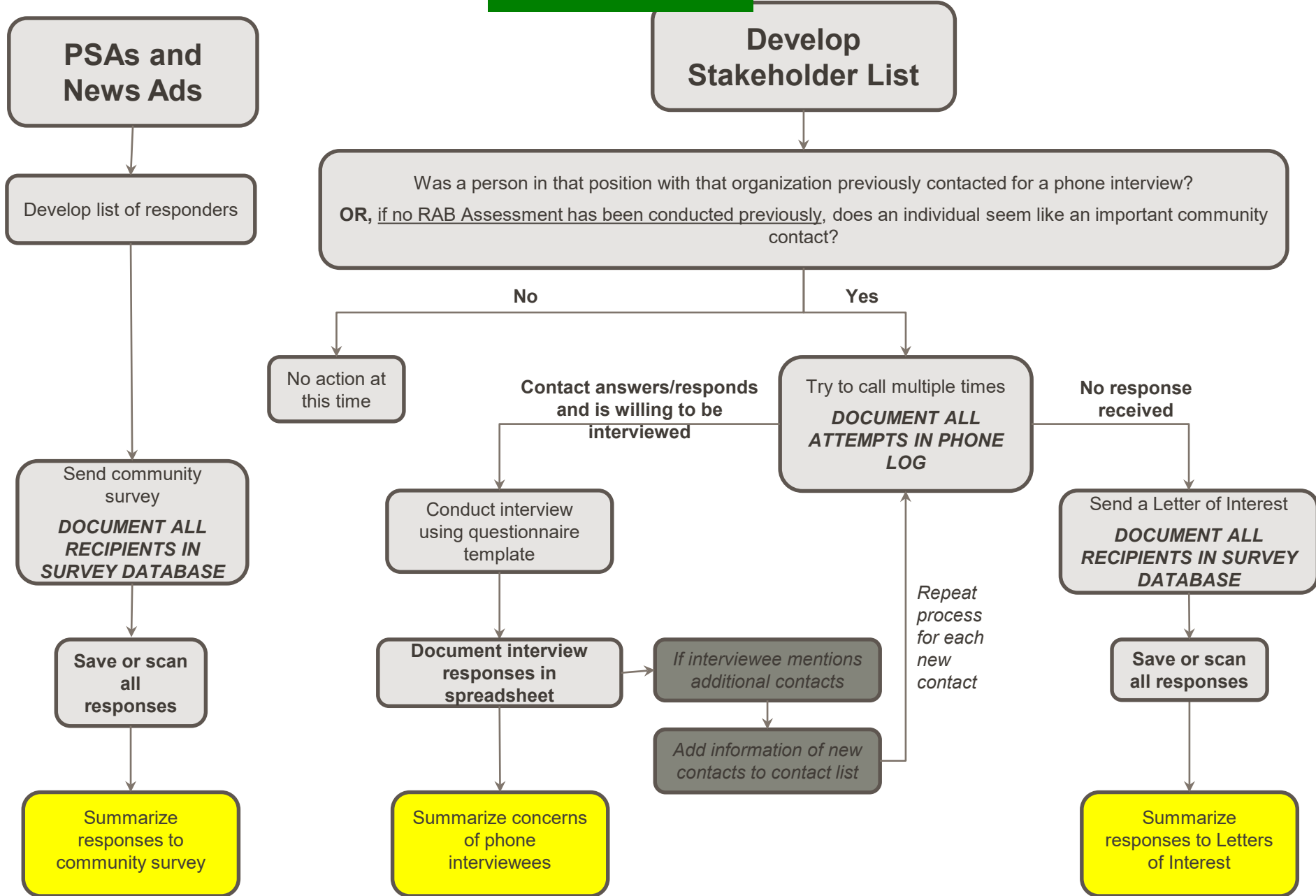


AMAKNAK FUDS RESTORATION ADVISORY BOARD

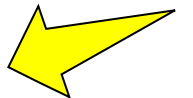




RAB ASSESSMENT: YES RAB

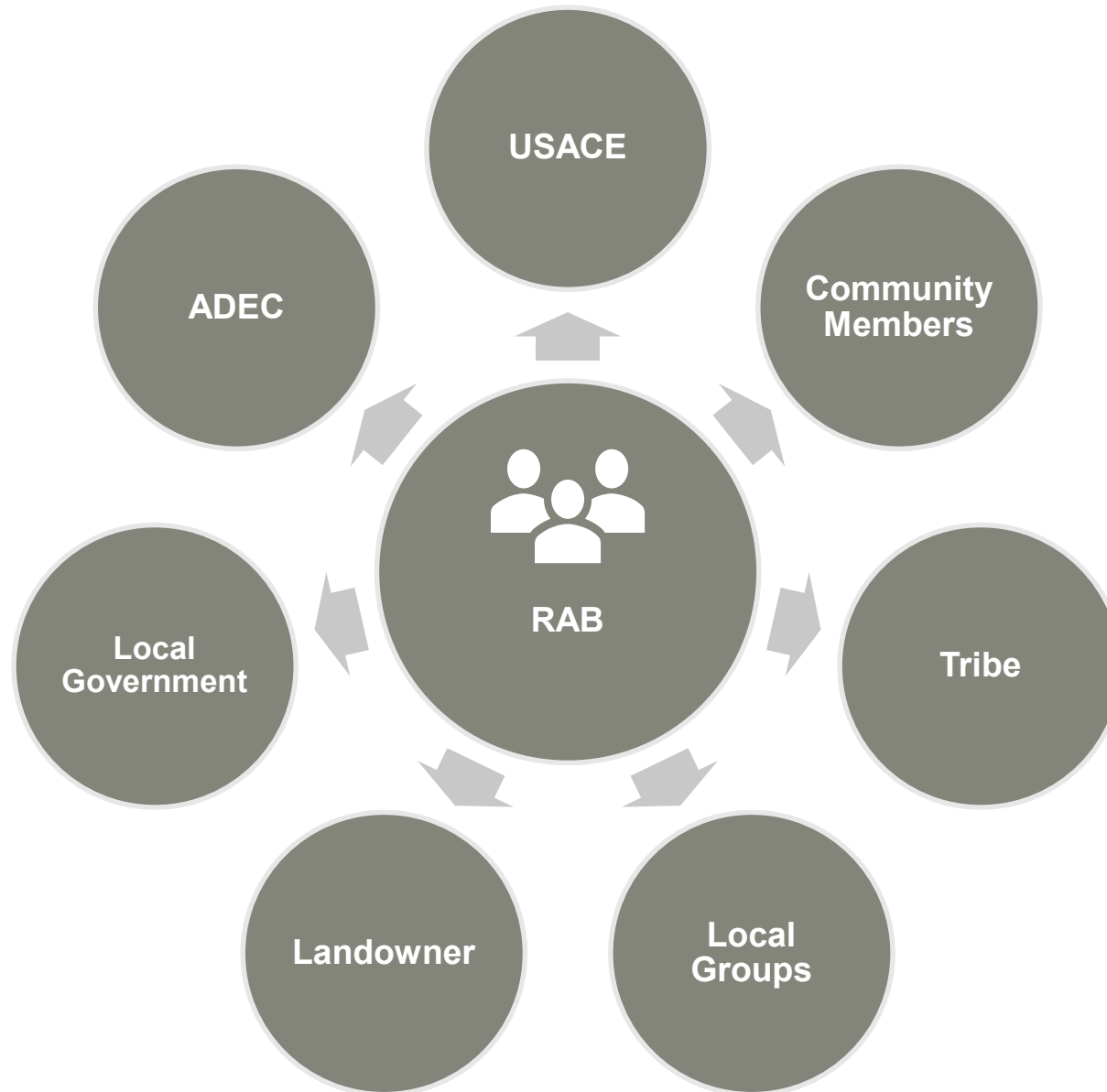


You Are Here



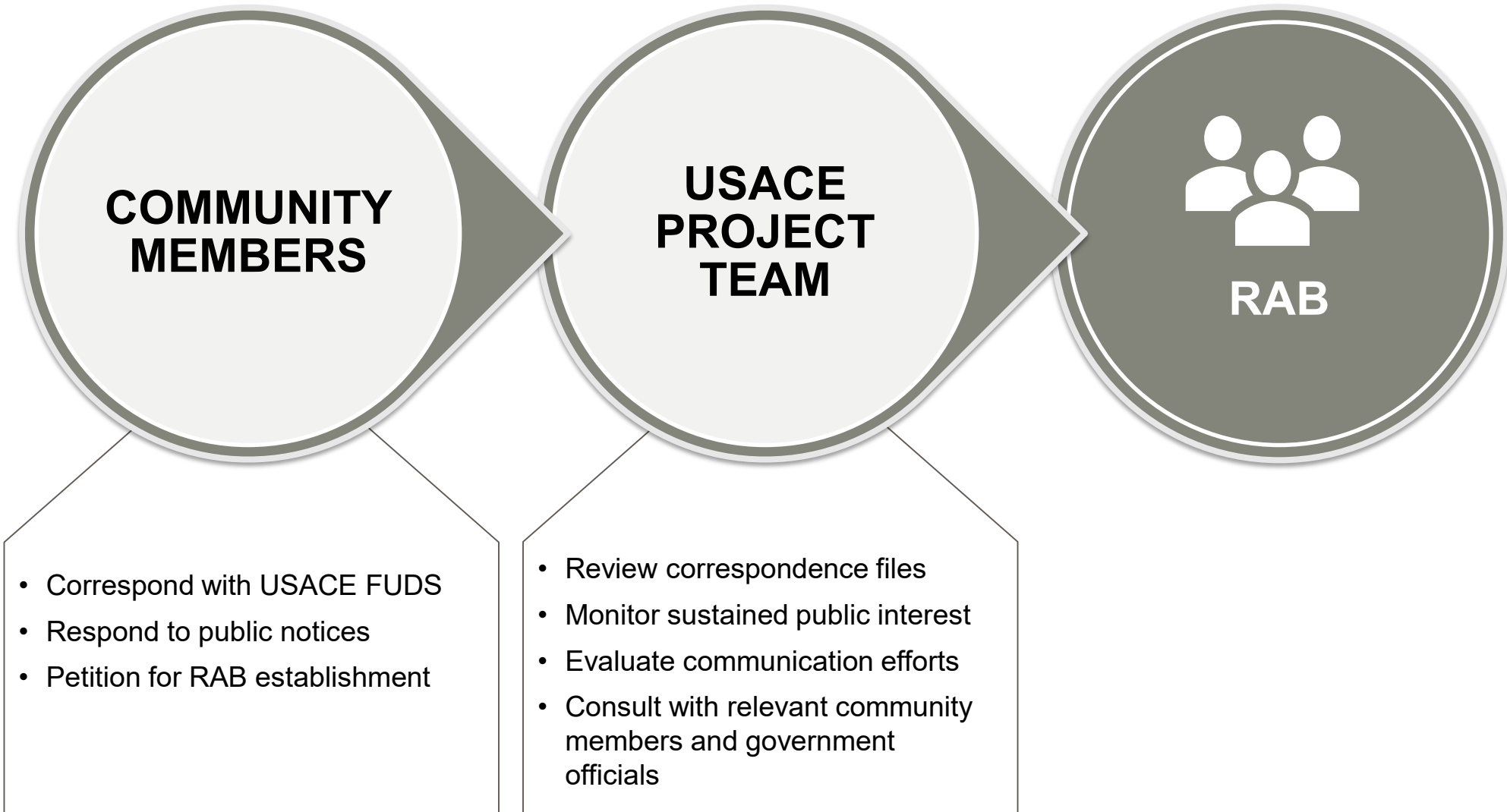


RAB PURPOSE



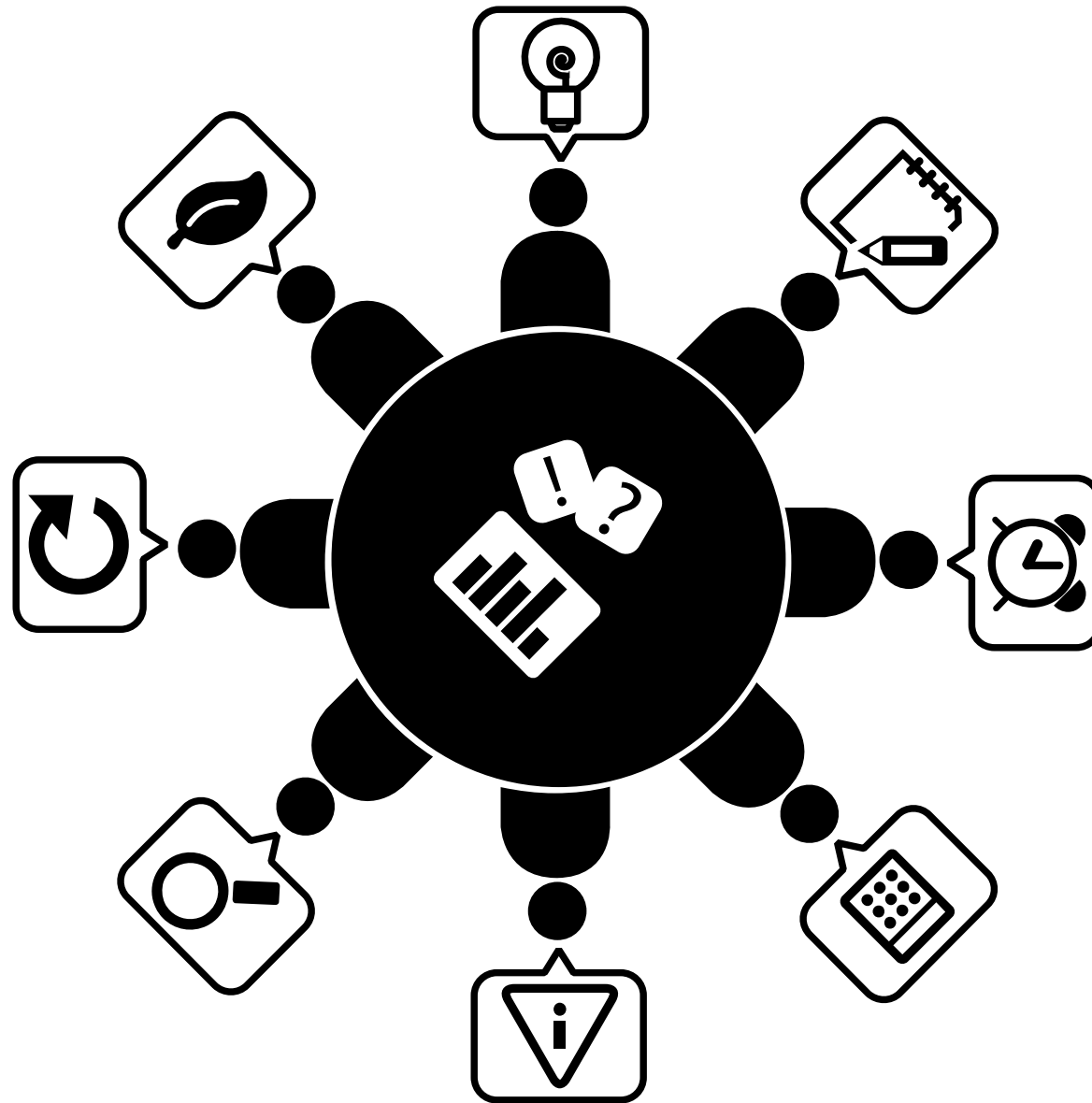


RAB FORMATION





RAB MEETINGS





RAB MEMBER RESPONSIBILITIES



- Regularly review and comment on technical documents and plans relating to the ongoing environmental studies and restoration activities at the Amaknak FUDS property
- Members serve as liaisons with the community and are available to meet with community members and groups
- Membership terms will be decided by the RAB, but members typically serve multiple years and attend at a minimum 1 meeting per year





MEMBERSHIP FORMS



MEMBERSHIP FORM

First Name: _____ Last Name: _____
Please identify your affiliation(s) type and name:

- Community Member _____
- Business Representative _____
- Civic Organization _____
- Environmental Organization _____
- Public Agency _____
- Other _____

Mailing Address: _____ City: _____
 State: _____ Zip: _____

Physical Address: _____ City: _____
 State: _____ Zip: _____

Phone: _____ (Day) _____ (Eve)

Email: _____
Explain briefly your interests in serving on the RAB:

DRAFT CONDITIONS FOR MEMBERSHIP

RAB membership duties and responsibilities include reviewing and commenting on technical documents and activities associated with environmental investigation and cleanup activities at the Amaknak Formerly Used Defense Site.

RAB members are asked to serve a multi-year term and attend all RAB meetings. Those who are not able to attend on a consistent basis may be asked to resign. RAB members will be expected to be available to the general community and civic organizations to facilitate the exchange of information and/or concerns between the community and the RAB.

Priority for RAB membership will be given to local residents who are affected by cleanup activities at the Amaknak Formerly Used Defense Site.



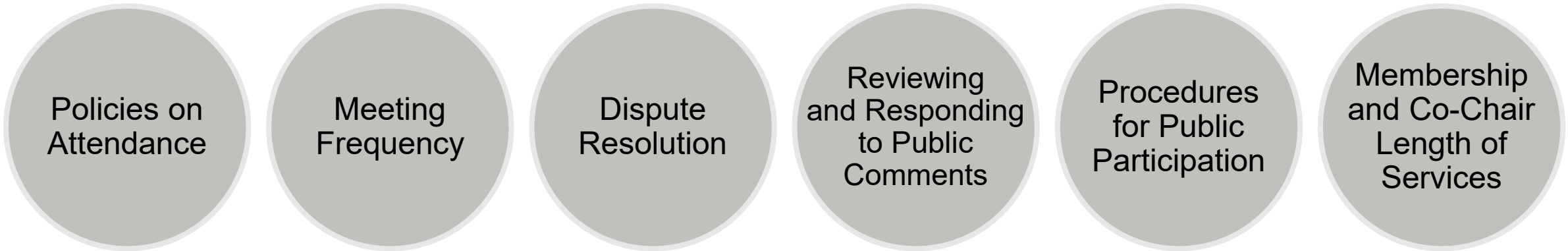
AMAKNAK FUDS RAB MISSION AND OPERATING PROCEDURES



AMAKNAK FUDS RAB DRAFT MISSION

The Amaknak FUDS RAB mission 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.

DRAFT OPERATING PROCEDURES

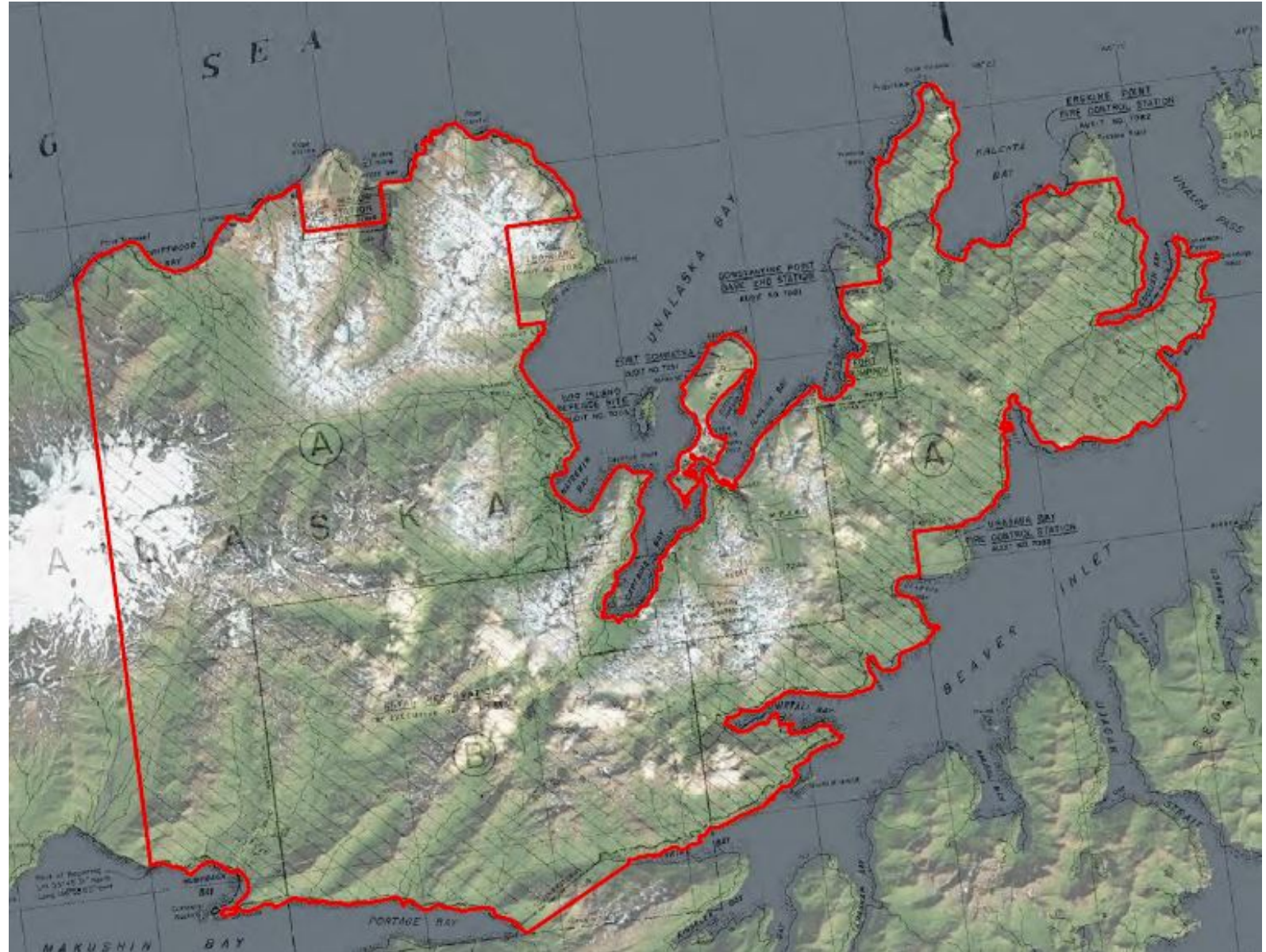




PROJECT UPDATES

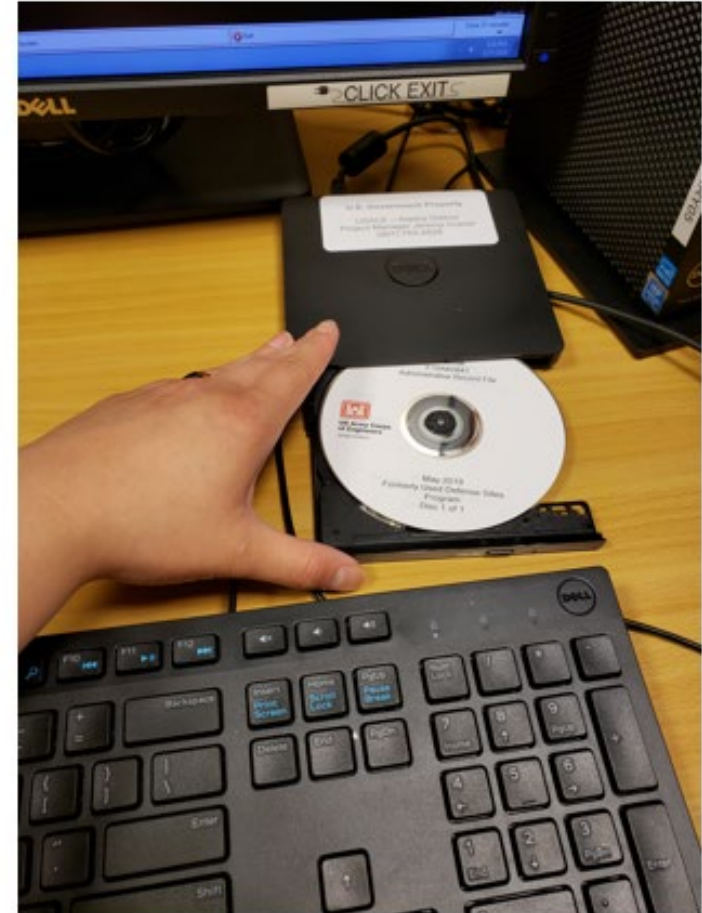


- Information Repository Refresh
- Pre-World War II Tank Farm Groundwater Monitoring
- Dutch Harbor Vicinity Site Closures
- New Projects by Geographic Regions
- Interim Risk Management Communication





INFORMATION REPOSITORY REFRESH





PRE-WWII TANK FARM PROJECT



REMEDIAL ACTION OPERATION

LONG TERM MANAGEMENT

PROJECT CLOSEOUT

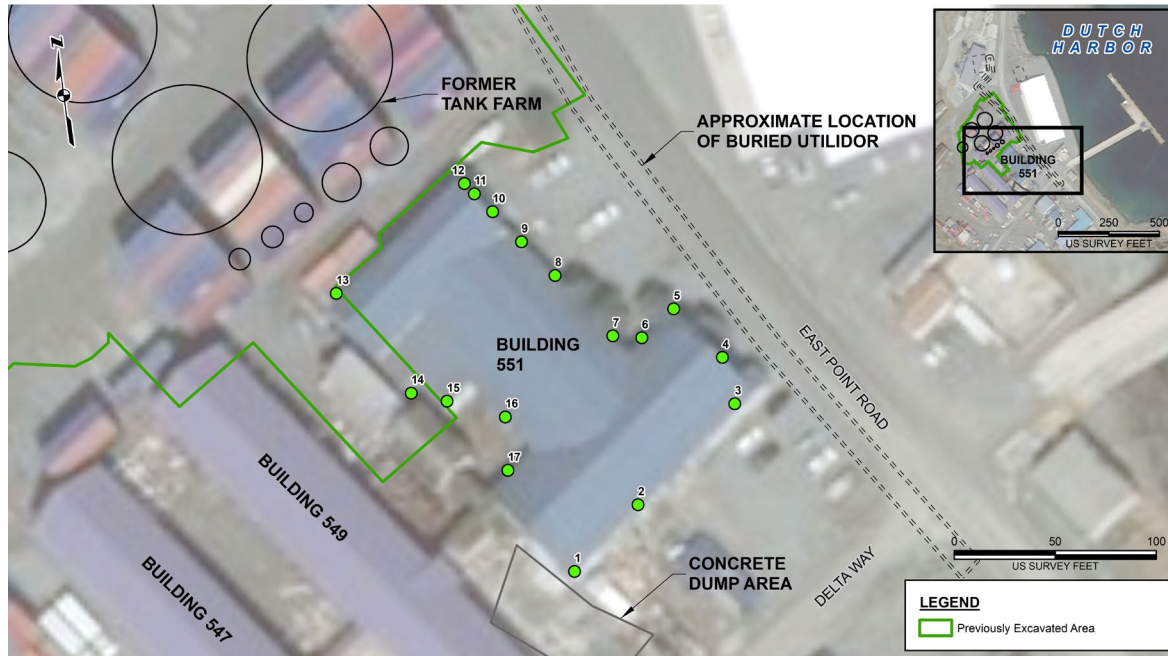




2019-2020 ACTIVITY SUMMARY



- Monitoring Well Network Maintenance/Optimization
- Groundwater Monitoring
- Building 551 Crawlspace Covers
- Information to Site Users
- Groundwater Use Determination
- 2nd Periodic Review of Remedy

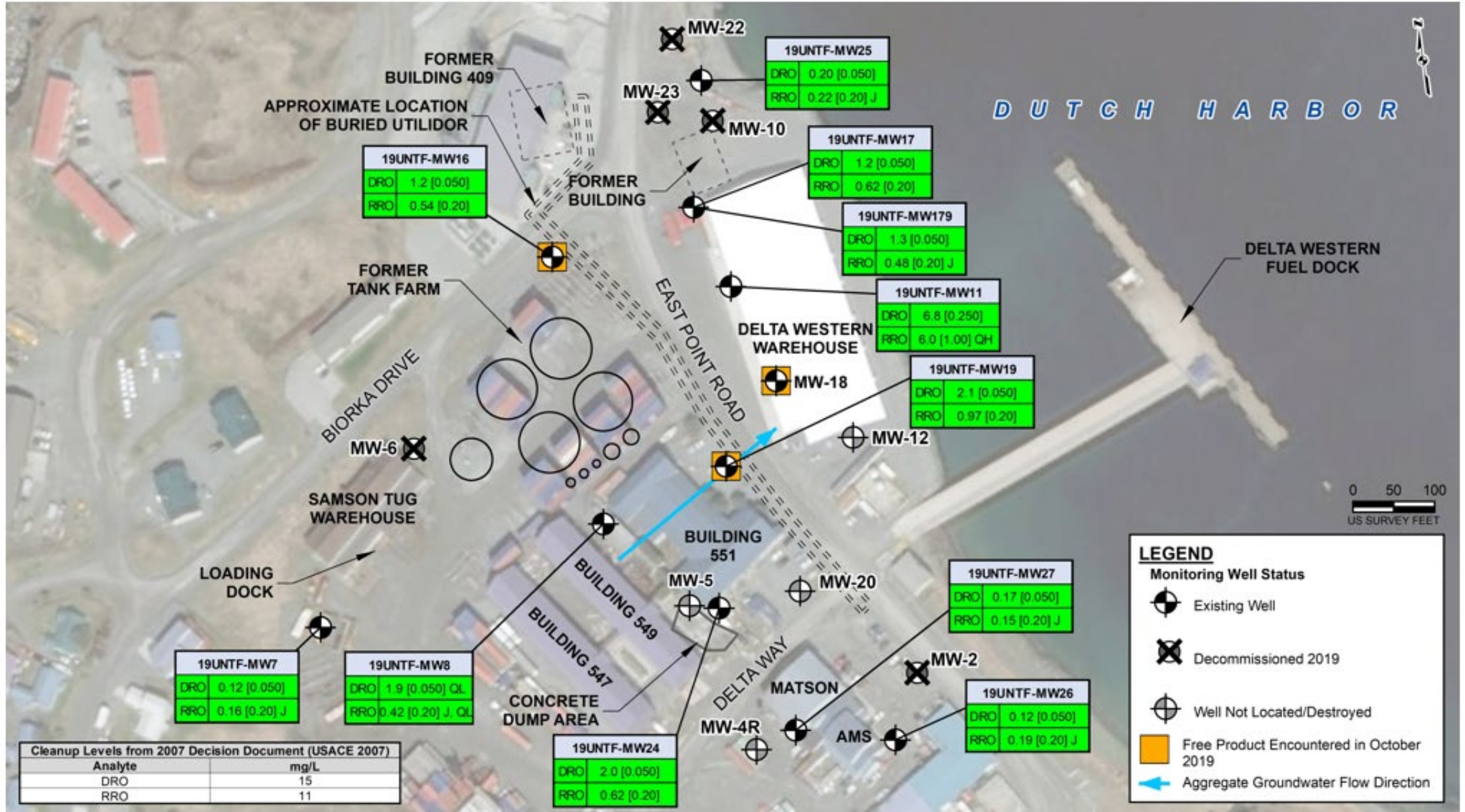




BUILDING 551 EXPOSURE PATHWAY PROTECTION

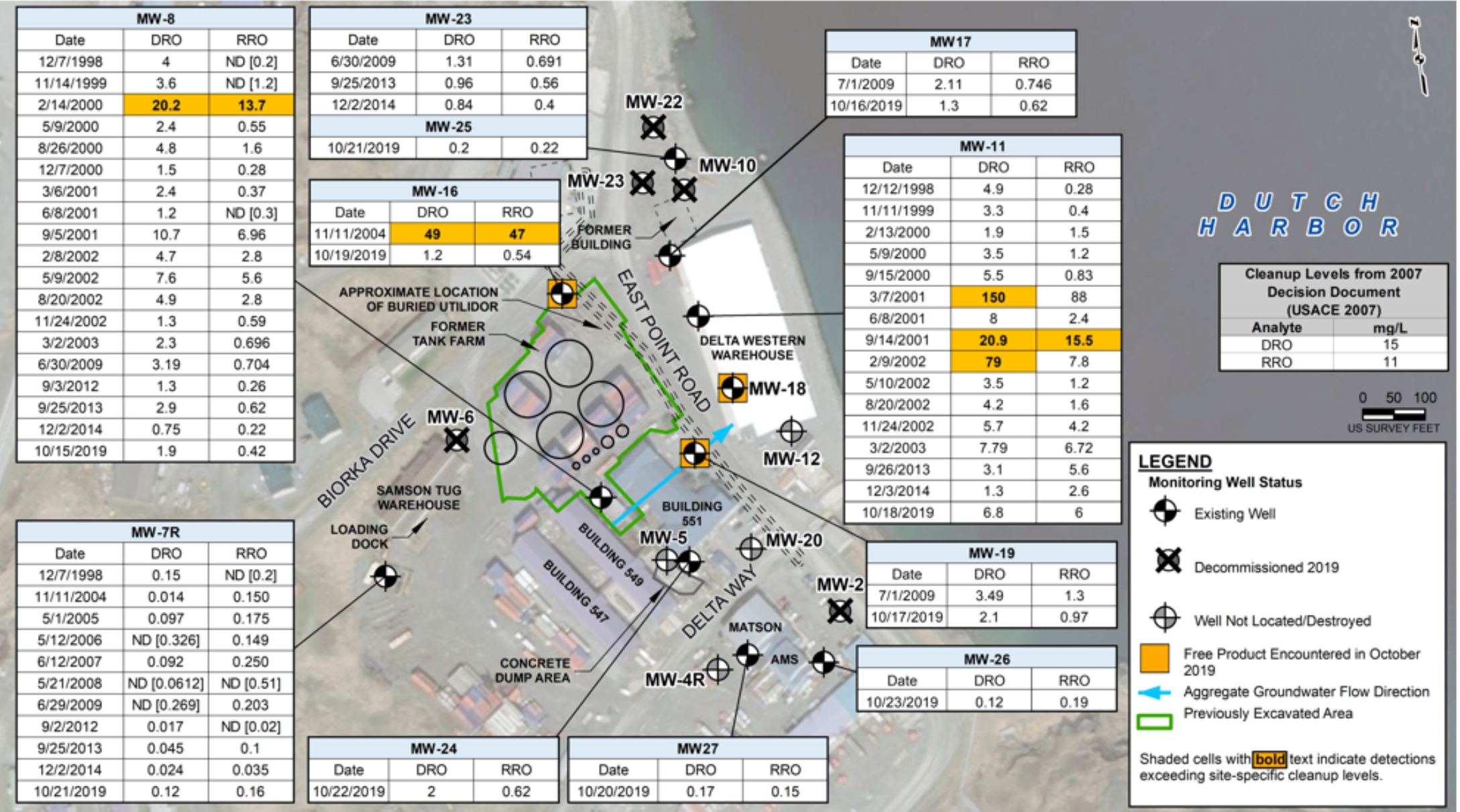


GROUNDWATER MONITORING



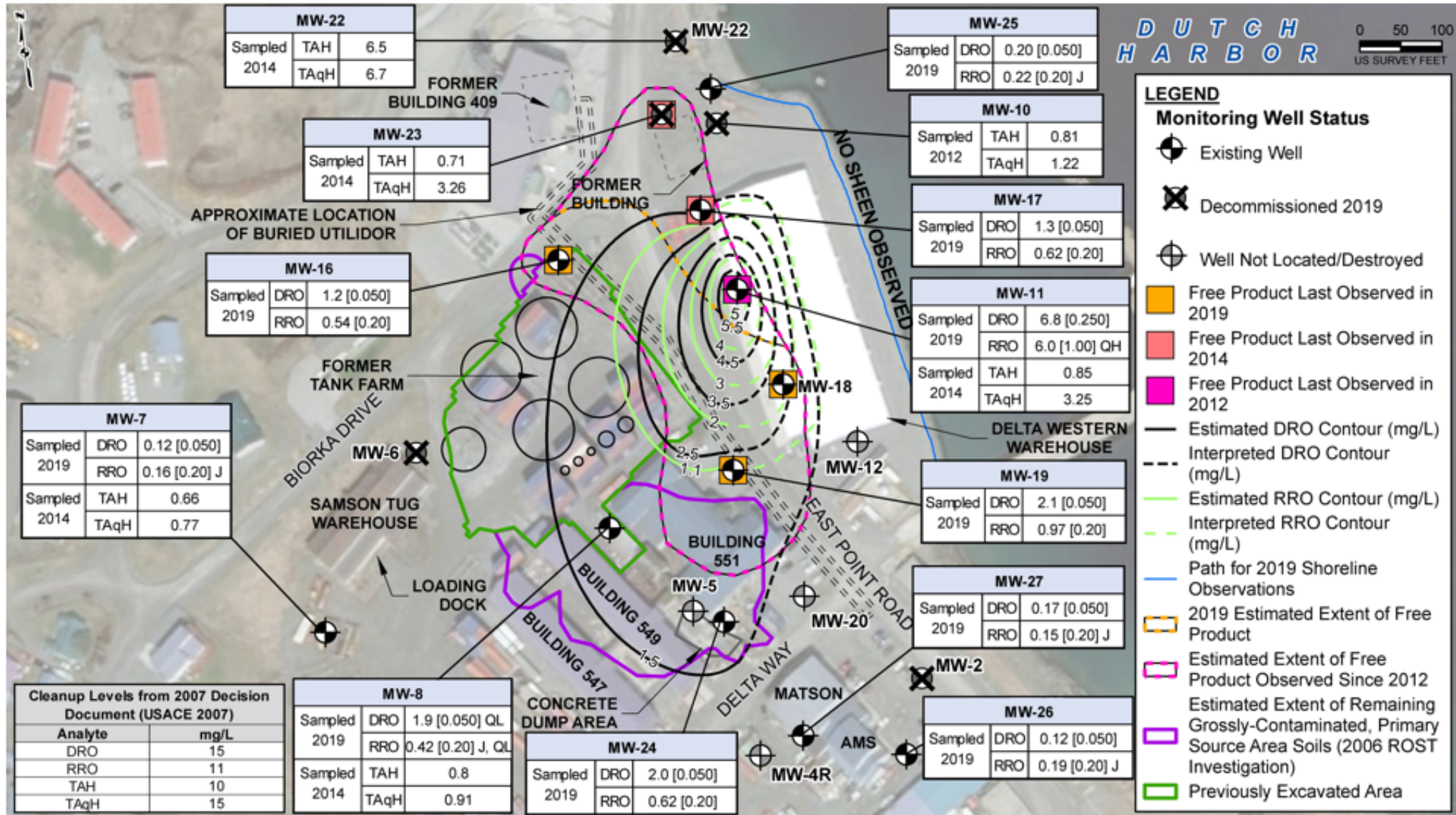


TREND ANALYSIS





PERIODIC REVIEW INFORMATION TO USERS/ SITE STATUS





REMOVAL OF PIPELINES, TANKS, AND ASSOCIATED FUEL CONTAMINATED-SOIL DUTCH HARBOR VICINITY PROJECT





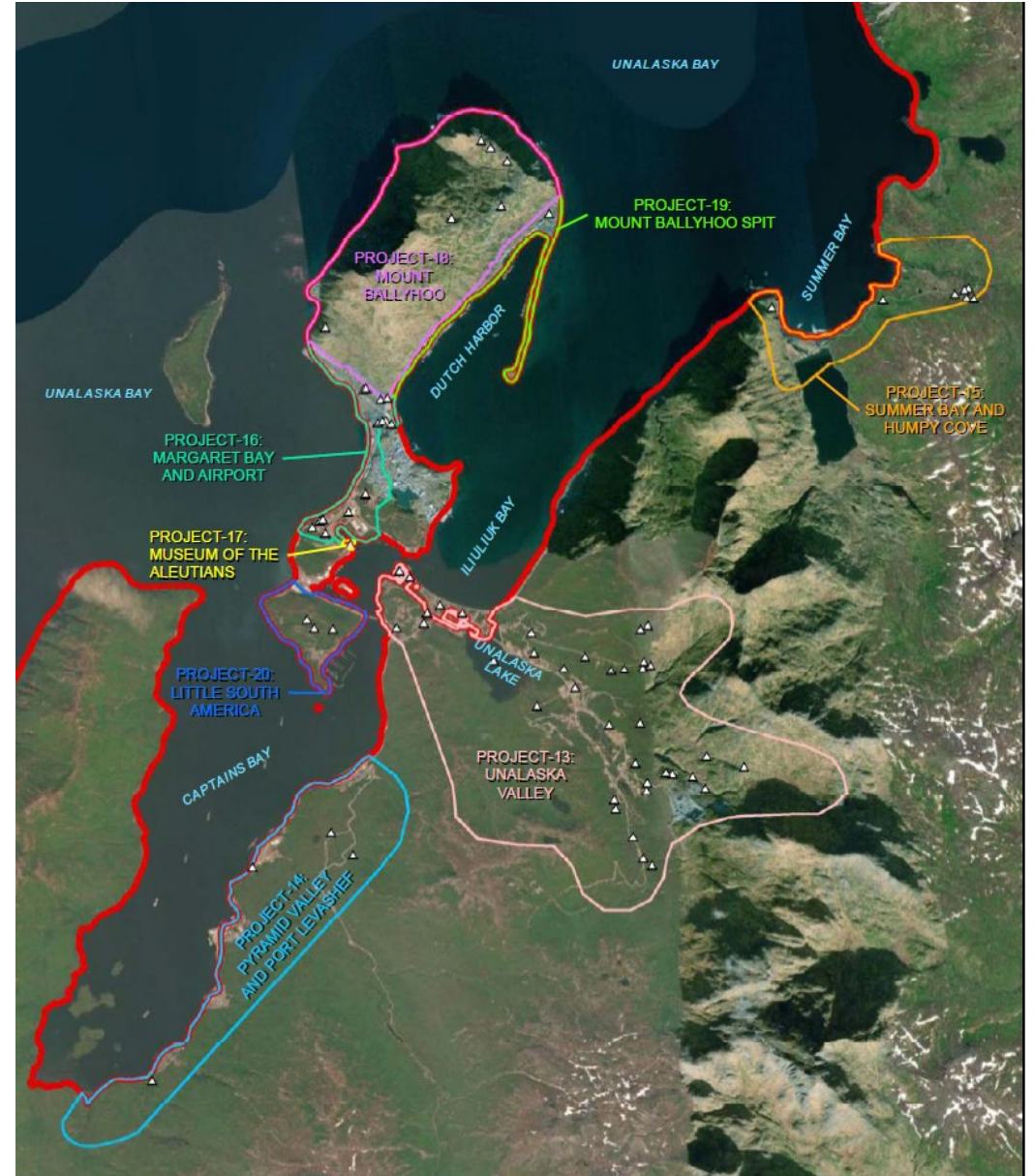
DUTCH HARBOR VICINITY PROJECT



OLD

AND

NEW





PROGRESS AND PRIORITIZATION



REMOVAL ACTION CONSTRUCTION 

PROJECT CLOSEOUT

- DUTCH HARBOR VICINITY
- MT BALLYHOO DRUMS
- ALASKA COMMERCIAL CO. MARGARET BAY (FORT MEARS GAS STATION)
- FORT MEARS WAREHOUSE TRACT D AREA
- GENERAL'S HILL USTs 1-5
- SITKA SPRUCE PARK UST



- UNALASKA VALLEY
- SUMMER BAY-HUMPY COVE
- MUSEUM OF THE ALEUTIANS
- MOUNT BALLYHOO
- PYRAMID VALLEY-PORT LEVASHEF
- MARGARET BAY-AIRPORT
- BALLYHOO SPIT
- LITTLE SOUTH AMERICA



CAPTAIN'S DOCK CHEM AGENT DISPOSAL CWM RANGE COMPLEX NO. 1 MMRP



SITE INSPECTION

INTERIM RISK MANAGEMENT

REMEDIAL INVESTIGATION

RESTORATION ADVISORY BOARD

REMOVAL ACTION



An example of a medium caliber munition



Example of vials from a Chemical Agent Identification Sets (CAIS) kit





NEXT STEPS



- RAB Membership Forms
- Amaknak FUDS RAB Mission and Operating Procedures
- Continue Progress and Prioritization of Remaining Impacts
- Rescore MMRP Risk and Conduct a Future Remedial Investigation
- Schedule Next Meeting



Feb 2021						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

Mar 2021						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Jan 2021						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Apr 2021						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May 2021						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Jun 2021						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Jul 2021						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



OPEN DISCUSSION



QUESTIONS?





THANK YOU



CONTACT INFORMATION

PROJECT MANAGER

Rena Flint

(907) 753-2680

Rena.B.Flint@usace.army.mil

USACE- ALASKA DISTRICT PUBLIC AFFAIRS OFFICE

(907) 753-2520

Public.affairs3@usace.army.mil

<http://www.poa.usace.army.mil/Library/Reports-and-Studies/>. On that webpage, look under "Documents Available for Public Review" and expand the Environmental Cleanup link.





SUPPORTING MATERIALS

MEMBERSHIP APPLICATION
Amaknak Formerly Used Defense Site
Restoration Advisory Board

Name: _____

Address: _____

Phone: _____ (Day) _____ (Eve)

E-mail: _____

CONDITIONS FOR MEMBERSHIP:

Restoration Advisory Board (RAB) membership duties and responsibilities include reviewing and commenting on technical documents and activities associated with environmental investigation and cleanup activities at the Amaknak Formerly Used Defense Site.

RAB members are asked to serve a multi-year term and attend all RAB meetings. Those who are not able to attend on a consistent basis may be asked to resign. RAB members will be expected to be available to the general community and civic organizations to facilitate the exchange of information and/or concerns between the community and the RAB.

Priority for RAB membership will be given to local residents who are affected by cleanup activities at the Amaknak Formerly Used Defense Site.

Please identify your affiliation(s) type and name:

- Community Member _____
- Business Representative _____
- Civic Organization _____
- Environmental Organization _____
- Public Agency _____
- Other _____

.....

Explain briefly your interests in serving on the RAB:

(For Example: Interested in cleanup activities, Promote communication between agencies, Keep updated for my job/duties, Inform other Tribal members)

Please identify any potential conflict of interest:

(Note: Any potential conflict of interest will not exclude you from participating on the RAB)

Please list or check below any education, expertise, experience, or special skills you have that would make a valuable contribution to the RAB.

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	
Educational background in science	
Communications specialty or community liaison	
Librarian	
Historian	
Tribal Elder or Youth Leader	
Tribal Council	
Native Corporation representative	
City representative	
Health care worker	
Business leader or economic development expertise	
Children/youth worker, Teachers, Educators	

CONTINUE ON REVERSE SIDE

MEMBERSHIP APPLICATION
Amaknak Formerly Used Defense Site
Restoration Advisory Board

Education, expertise, experience, or special skills you have that would make a valuable contribution to the RAB
(continued)

By submitting this signed application you acknowledge that you are aware of the time commitment associated with this appointment and agree to work cooperatively with other RAB members, without compensation, to ensure the efficient and effective use of RAB resources.

Applicant Signature

Date _____

Please return this application to:
Rena.B.Flint@usace.army.mil -or-

Rena B. Flint
U.S. Army Corps of Engineers
CEPOA-PM-ESP-FUDS, Rm. 200
P.O. Box 6898
JBER, Alaska 99506-0898

November 17, 2020
***DRAFT* 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 (**Select one: quarterly/ biannual/ annual/ other**) 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.

- 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 multi-year (**Stipulate: how many years**) term. RAB members may submit an application to serve another term (**Stipulate: not to exceed how many years**) when their first term has been completed. Total service will not exceed (**Stipulate: not to exceed how many years**).
- 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 (**Stipulate: how many years**), 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 (**Stipulate: how many years**).
- 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 (**Select one: quarterly/ biannually/ annually/ other**). 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.
- 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 one-third of the community RAB members**, including the Community Co-Chair.

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.
 - (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.
- (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.

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.

Introduction

This guide was prepared to raise awareness of potential chemical hazards that may exist at the former Amaknak Military Facilities property.

The former Amaknak Military Facilities were used from 1911 to 1952. The site consists of the former Dutch Harbor Naval Operating Base and other facilities on Unalaska and Amaknak Islands. Most of the former Amaknak Military Facilities were either decommissioned or declared surplus by 1952. An area known as Captain's Dock Chem Agent Disposal, has been identified through historical research and site visits as having potential chemical hazards. Chemical Agent Identification Sets (CAIS) were found in the waters and intertidal area adjacent to the dock in early 1987. These sets were used by the military to train soldiers to identify chemical agents in the field.

The Captain's Dock Chem Agent Disposal area is a tidal water area located in Captain's Bay, adjacent to the north shore of Unalaska Island, within the City of Unalaska, Alaska. The area is publicly and privately owned, and is used for commercial purposes.

The U.S. Army Corps of Engineers recommends that anyone entering the property or surrounding waters of the Captain's Dock Chem Agent Disposal Area exercise proper precautions and follow the **3Rs – Recognize, Retreat and Report.**



Example of vials from a Chemical Agent Identification Sets (CAIS) kit.

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.



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

Chemical Agent Identification Sets Safety Guide

Former Amaknak Military Facilities

**Alaska
Aleutians West**



Captain's Dock Chem Agent Disposal



US Army Corps of Engineers.



An example of ampoules, CAIS storage containers and shipping container

Frequently Asked Questions

Q: What are Chemical Agent Identification Sets (CAIS)?

A: CAIS were used by soldiers to train on chemical agents in the field. These training sets were not designed to be lethal. Things to watch out for include glass vials (whole or broken), and the CAIS storage and shipping containers. The vials are 1 inch in diameter and 7½ inches long, and were individually packed in cardboard tubes inside a heavy metal container.

Q: Where are people likely to encounter CAIS?



A: The vast majority of CAIS was depleted during training; however, some unused CAIS were disposed of by burial. While the U.S. military made every effort to remediate CAIS with the best technologies at the time, potential hazards may remain in the surrounding waters of the Captain's Dock.

Q: What should people do if they think they have encountered CAIS?

A: If you suspect you may have come across a CAIS either in a container or loose vials or bottles, the best way to ensure your safety is to follow the 3Rs: **Recognize** – when you may have encountered CAIS and that the chemicals that CAIS may contain, even



Legend

-  FUDS Property Boundary
-  FUDS Project Boundary

Amaknak

FUDS Property No: F10AK0841

State: Alaska

Census Area: Aleutians West

Sources: USACE, 2018; Esri, 2019; USCB, 2017

if solidified, can cause serious injury; **R**etreat – do not 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 will be done next?

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

 **Recognize**

when you may have encountered CAIS and that the chemicals that CAIS may contain, even if solidified, can cause serious injury.

 **Retreat**

do not 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.

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

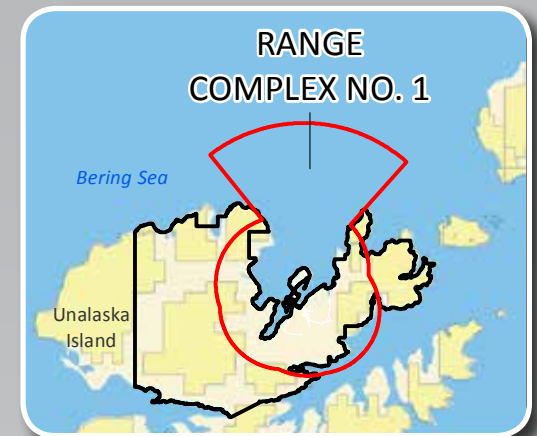


Visit the U.S. Army's Explosives Safety Education website:
3Rs.mil

3Rs Safety Guide

Former Amaknak Military Facilities

**Alaska
Aleutians West**



Range Complex No. 1

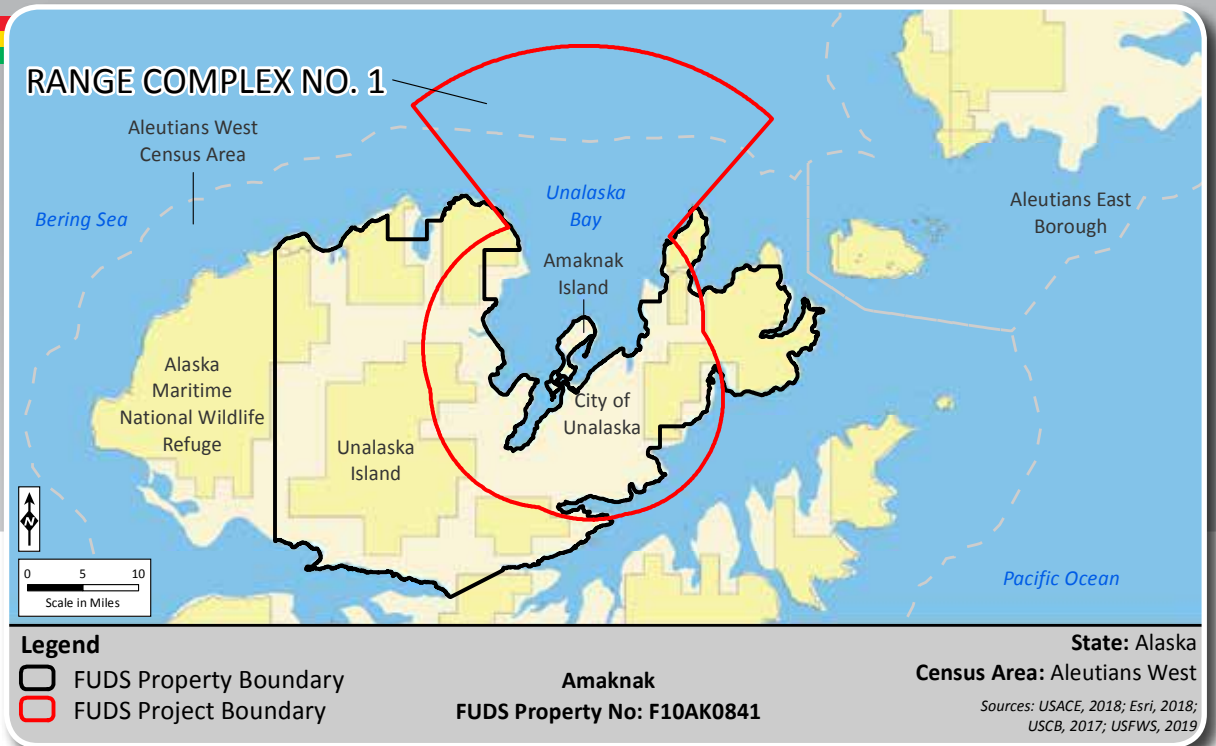


US Army Corps of Engineers.



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.