



**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

Friday, August 13, 2021

City Council Chambers

Or Join by Phone:

Teleconference Call: (844) 800-2712

Access Code: 199 212 1820#

AGENDA

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

a. Opening Remarks

b. Roll Call/ Quorum

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

c. Meeting Goals and Objectives

2. 6:15 – 6:20 Revise/ Adopt June 28, 2021 Minutes

3. 6:20 – 6:30 Local Updates/ Community Introductions/ Public Comment



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4. 6:30 – 6:40 Submit questions for the upcoming Virtual 3Rs UXO/CWM Safety Training (Department of Public Safety, RAB, and Open to Community Trainings)
5. 6:40 – 7:10 Deeper Dive into Unalaska Valley (ADEC File ID: 2542.38.023)
 - a. Potential Institutional Controls
 - UST 2664 (ADEC Hazard ID: 2878)
 - USTs 2667 AB (Hazard ID: 2879)
 - UST 2674 (ADEC Hazard ID: 2880)
 - b. Potential Resample
 - UST 3260 (ADEC Hazard ID: 2890)
 - c. To Be Determined
 - UST 2667 (ADEC Hazard ID: 2876)
6. 7:10 – 7:20 Overview of Little South America (ADEC File ID: 2542.38.032)
7. 7:20 – 7:40 Review RAB Roles and Responsibilities
8. 7:40 – 7:50 Review Next Meeting Dates, Identify Next Steps
 - a. Virtual 3Rs UXO/CWM Safety Training (Department of Public Safety, RAB, and Open to Community Trainings)
 - b. Next RAB Meeting: Virtual, November or as needed
9. 7:50 – 8:00 Other Announcements/ Unplanned Items/ Open Discussion
 - a. Recap of Old Business / New Business
10. 8:00 Contact Information and Closing Remarks, Adjourn
 - a. Rena Flint, USACE Project Manager
(907) 753-2680
Rena.B.Flint@usace.army.mil
 - b. USACE- ALASKA DISTRICT PUBLIC AFFAIRS OFFICE
(907) 753-2520
Public.affairs3@usace.army.mil

**Amaknak RAB Meeting Minutes
28 June 2021
1800-1933
Grand Aleutian Hotel Makushin Room/ via Phone (WebEx)**

Attendees:

Rena Flint	Chris Price
Theo Greenly	Jim Paulin
Virginia “Ginny” Hatfield	Jay Edward King
Kendall Campbell	Okalena Patricia Leknaoff Gregory
Tom Reed	Alyssa K. McDonald
David Gregory	Thomas Roufos
Cascade “Cas” Galasso-Irish	Ann Sedjo
Elise Contreras	Jim Touza
Elena Ramirez	Dennis Shepard
Natalie Cale	Ben Leon-Guerrero
Kale Bruner	Chris Salts
Denise Rankin	Forrest Kranda

**1800-1815
Welcome and Introductions**

- *Rena Flint* - Introductions
- Induct Denise Rankin to Amaknak RAB
- *Denise Rankin* - Brief biography
- Roll Call

a. Roll Call/ Quorum

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

- Meeting goals and objectives
 - Review Minutes
 - Community Updates
 - Introductions

- Military Munitions Response Program (MMRP) and past Explosive Ordnance Disposal (EOD) and City of Unalaska Department of Public Safety (DPS) responses
- Pre-World War II Tank Farm
- Deep dive into Unalaska Valley Remaining 7 Sites with discussion of Potential Institutional Controls and Removal Actions
- Review next meeting and trainings.
- Review Mission Statement- Ginny Hatfield
- Adopt May 6 Meeting Minutes- Moved- Ginny Hatfield, second by Denise Rankin
- Local Updates/Introductions/Public Comments
 - Dennis Shepard* - Alaska Department of Environmental Conservation (ADEC)- Present
 - Elena Ramirez* - Qawalangin Tribe of Unalaska
 - Cas Galasso-Irish* - ADEC
 - Ben Leon-Guerrero* - Aleut Corporation
 - Chris Salts* - CEO, Ounalashka Corporation (OC)

- Item No. 4 Discussion on Community Co-chair

- *David Gregory* Stepping down as Co-Chair
- *Denise Rankin* - What are the duties of the co-chair?
- *Rena Flint* - Slightly more elevated role in RAB, for example asked David to advertise RAB meetings within his networks. Looking for someone to take a more active role, helping with agenda preparation, etc.
- *Rena Flint* - will be on leave leading up to next RAB meeting in August- Co-chair will lead the effort for the meeting. Rena will be returning a week before the next RAB meeting in August. Duties include agenda setting and notifications for meeting.
- *David Gregory* - Good to have someone in Unalaska as Co-chair, firm he will be stepping down but will still be a resource to the incoming chair.
- *Jay Edward King* - If no one else in the RAB will step up, will volunteer.
- *David Gregory* - Second.
- *Denise Rankin*- Available, if Jay is not available
- *Ginny Hatfield*- Second for Denise Rankin
- *Rena Flint* - Community Co-Chair role in RAB- Community overwhelming voted for the RAB, it's a good opportunity and dire need and crucial to success of RAB not fizzling out.
- *Kendall Campbell* - RAB is a community activity- community co-chair will play a key role in the RAB's success
- Denise Rankin and Jay Edward King are both seconded
- *Denise Rankin* - new to RAB, okay with which ever decision board makes.
- *Elise Contreras* - Is it possible to have two community co-chairs?
- *Rena Flint* - Good idea.
- *Ginny Hatfield* - Second having two community co-chairs
- *Denise Rankin* and *Jay Edward King* agree to be co-chairs with *Rena Flint*.

Agenda item No. 5

Department of Public Safety/ EOD Responses Past and Present

Rena Flint - FUDS does not receive report on everything that has been found past and present.

- Data gathering on past incidents to inform on future actions
- *Denise Rankin* - Photos sent to Unalaska Police Dept.
- *David Gregory* - People find stuff and bring into OC Office. Public safety issue, some classes have been given in the past regarding detonation.
- *Denise Rankin* - Heard from ancestors about the military dumping munitions by barge out in the middle of Front Bay, some washing up on shore, need to teach community on what to do if they find something, especially not bringing it into the OC Office
- *Jay Edward King* - Have training courses scheduled for RAB, DPS, and Community, dates are set.
- *Rena Flint*- Date for community virtual UXO training is on 30 August 2021 1200-1400.
 - Department of Public Safety (DPS) August 31 0900-1100
 - RAB Board August 20 1100-1300
- *Rena Flint*- everyone welcome to join. In addition to virtual training, an in-person event will occur FY2022 in winter or spring, trainer is coming from Huntsville.
- *Rena Flint*- Follow up on David Gregory having received “quite a few 6-7” shells and mortar rounds at Bever Inlet, Captains Bay, etc.
- 10-15 Years ago-
- Can search DPS archives
- *Jay Edward King*- EOD recently came to Unalaska to dispose of some items in the museum
- *Ginny Hatfield*- Can look at items at the museum which are American and Japanese’s munitions examples such as hand grenades.
- *David Gregory*- Mustard Gas- Huntsville may have that documentation?
- *Rena Flint*- Received information from the diver who found the CAIS kits, however no information we didn’t already have
- *David Gregory*- In the area where the CAIS kits were found, USACE should look into further investigations and carcasses of cod fish were in the way.
- *Rena Flint*- Meeting with Rufina Shaishnikoff to talk about the recent EOD response to a grenade

Agenda Item 6

Pre-World War II Tank Farm

- *Rena Flint*- 2018 produced a report and groundwater use determination memo to the state with support of OC. Currently working on wrapping up the draft periodic review on remedy to make sure it’s still protective and evaluate exposure pathways. On groundwater use determination memo- ADEC does not concur with memo until USACE puts environmental covenants on each lot where use determination was recommended.
- *Cas Galasso-Irish*- Groundwater Use Determination and the Uniform Environmental Covenants Act (UECA)- ADEC treats all groundwater as potential drinking water source. UECA- agreement with current landowners saying water cannot be used as drinking groundwater. ADEC does not agree with the Groundwater Use Determination memo because USACE does not have landowner concurrence in the form of an environmental covenant.

- *Dennis Shepard*- ADEC adopted a new statute to put covenants on land with environmental contamination everywhere in Alaska, including on Federal Facilities. DEC has developed some site forms and information that is uploaded to DEC database. Environmental convenient registry part of DEC database.
- *Rena Flint*- Within in the template, customizable list of covenants, choose only the ones that apply to that site. So, for Pre-World War II tank farm- no water use for drinking water and monitoring wells not to be disturbed.
- *Denise Rankin*- What do the covenants mean for development on the land? Does the landowner have a say on what happens?
- *Dennis Shepard*- covenant would prevent use without treatment where migration could be expected. Before use, water needs to be treated.
- *Denise Rankin*- do landowners have a say on groundwater monitoring wells on OC property?
- *Rena Flint*- if wells have to be moved to promote development- USACE can work with OC and ADEC. Ultimately the landowner will be responsible for following the covenant. ADEC is the covenant enforcement authority. The covenant is informational, but also restricts uses and runs with the property in perpetuity.
- *Dennis Shepard*- Anytime additional contamination is found it will be investigated.
- *Elena Ramirez*- Is there a lot of residual contamination and would the USACE be responsible for the cleanup?
- *Rena Flint*- USACE would get more funding to do more excavation.
- *Elena Ramirez*- Environmental Covenant would restrict use of land- but overall quality of the land would remain the same- still contaminated
- *Rena Flint*- As long as buildings, roads, and utilities are still in place- there would be no way to access the dirty dirt.
- *Elena Ramirez*- funding for work would be on FUDS schedule?
- *Rena Flint*- Funds could be requested, but could also do a work plan change, there are monthly opportunities to make adjustments to the workload if necessary.

Agenda Item 7 **Deep Dive into Unalaska Valley**

- *Rena Flint*- Unalaska Valley top priority- deep dive into planning next year for Unalaska Valley.
- *David Gregory*- Good time to handle contamination at UST 3065 as concrete foundation was removed. Site is close to creek which flows into Iliuliuk River. Contamination hazard potential for site.
- *Rena Flint*- Visited site today, pile of concrete at the site. It is still possible for FUDS to do a soil removal option at that site.
- *Tom Reed*- UST 3065- 2001-2002 sediment and surface water samples collected in the area came back clean. USACE could sample again and continue excavation to get hotspots. Would look first at protecting the creek then sample then do the removal. Sampling in 2001 did not identify any issues.
- *David Gregory*- Concern for contamination in the creek/river.
- *Tom Reed*- Straw waddles would protect the creek from sediment and booms would be used to collect product on the surface of the water.

- *Denise Rankin*- comment to Tom, is there anything that can be used in the future other than bails of straw? Risk of introducing invasive species.
- *Tom Reed*- There has been a lot of progress in treatment of wetlands, booms would collect surface product, and environmental protection plan would specifically address the creek. Note taken on not introducing invasive species.
- *Rena Flint*- Other Potential Removal Action- UST 2762 AB. Private Landowner.
- *Tom Reed*- USACE would need to start coordinating with private landowner, work will be complicated by current structures on the land. Would also work with the city if digging next to underground powerline. Would require de-energizing if digging near it. Will have to see how the project would transpire to limit time power is out, but also balance safety factors.
- *Rena Flint*- There were two USTs with heating fuel, one 300 gallons the other 600 gallons, to heat a barracks, removed in 1997 with 60 CY soil from A and 40 CY soil from B. Project was stopped due to presence of foundation and a buried powerline.
- *Tom Reed*- UST 2762 AB is a candidate for removal action.
- *Rena Flint*- Agenda Item 7B. Potential for institutional controls (ICs) in the form of environmental covenants on remaining 5 sites that have remaining impacts in Unalaska Valley. Working with landowners and ADEC to implement institutional controls. Open the floor to comments/questions on path forward.
- *David Gregory*- Need to clear up where the sites are (multiple locations reported) and gather info regarding ICs with excerpts from the removal action reports.
- *Tom Reed/Rena Flint*- USACE collected GPS coordinates on the sites, can give out the lat/long to so people can visit the sites.
- *David Gregory*- Gather info out of the reports, maps.
- *Denise Rankin*- Consider any other ICs?
- *Cas Galasso-Irish*- Can Rena discuss further why these sites were chosen for ICs? A lot of the results presented are old, might be good to re-sample to go along with removal actions planned for FY21.
- *Tom Reed*- Some sites had physical barriers, for example, one site is underneath Public Works Building, so didn't exceed migration to groundwater, but did exceed next level up, but the building capped the source. Other sites were in wetland areas where contamination went down a foot or so and water underneath, thinking at the time was we did not want to destroy the wetlands. Physical barriers played a role, some were foundations and others were in bedrock. Sampling in fractured bedrock found some hotspots but were above migration to groundwater but below human health cleanup levels.
- *Dennis Shepard*- Some sites may be candidates for close out.
- *Tom Reed*- Potentially if sites were sampled, now they might be cleaner than what we left them, exposing the contamination to oxygen through excavation may have sped up the bioremediation process.
- *Dennis Shepard*- On DEC database, enter hazard ID number, it will take you to the page for the site and get lat/long to help find sites.
- *Rena Flint*- Of the seven sites, they are on the road, but some are on OC property and others are on private property.
- *Dennis Shepard*- Sometimes data does not come up in the DEC database, and some of the site locations are wrong.
- *Rena Flint*- USACE collected point data and will share with everyone.
- *Rena Flint*- How does the RAB feel about the approach for Unalaska Valley?

- Started with DEC sites contaminated database
- Sites are cleanup complete, proposed cleanup complete, and remaining sites.
- Instead of focusing on paperwork focused on the remaining sites to cleanup, is this a method that could be replicated for Little South America, Summer Bay, Humpy Cove, etc.
- *Jay Edward King*- Agrees, better than just catching up with paperwork.
- *Ginny Hatfield*- What is the biggest bang for the buck?
- *Rena Flint*- Plan to try to complete priorities concurrently while project crews are mobilized.
- *Denise Rankin*- Theses are not duplicates of what the tribe is getting NALEMP funding for?
- *Rena Flint*- Sites are collocated but not the same missions, each is executing own mission. For example, UST 3065 QT removed foundation and debris and FUDS will do the removal of soil. FUDS is not trying to get in the way, just trying to piggyback where we can.
- *Denise Rankin*- That is a success for the RAB.
- *Jay Edward King*- Process would be for NALEMP to remove surface debris and FUDS cleanup the contamination.
- *Elise Contreras*- Agrees with approach, QT is focusing on Unalaska Valley this season.

Next Meeting Dates

- RAB Meeting Friday 13, August- Community Co-Chairs to help Rena with Agenda.
- *Rena Flint*- Next Steps- Have more to do on Unalaska Valley- more info and maps on other sites (Jay's comment) and start to tackle Little South America.
- 3Rs safety training available, three trainings one for Public, DPS, and RAB.

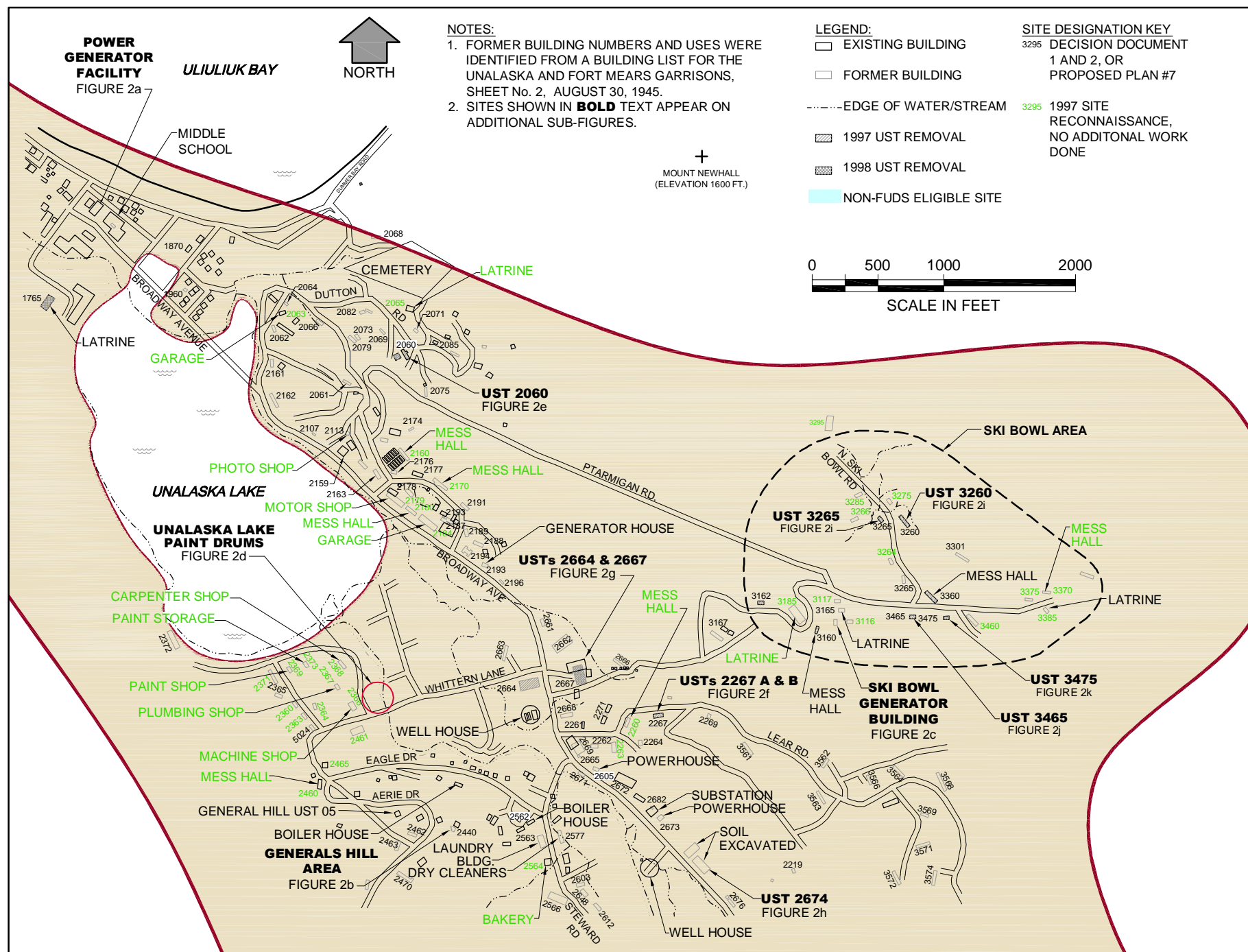
Agenda Item 9 Open Discussion and New Business

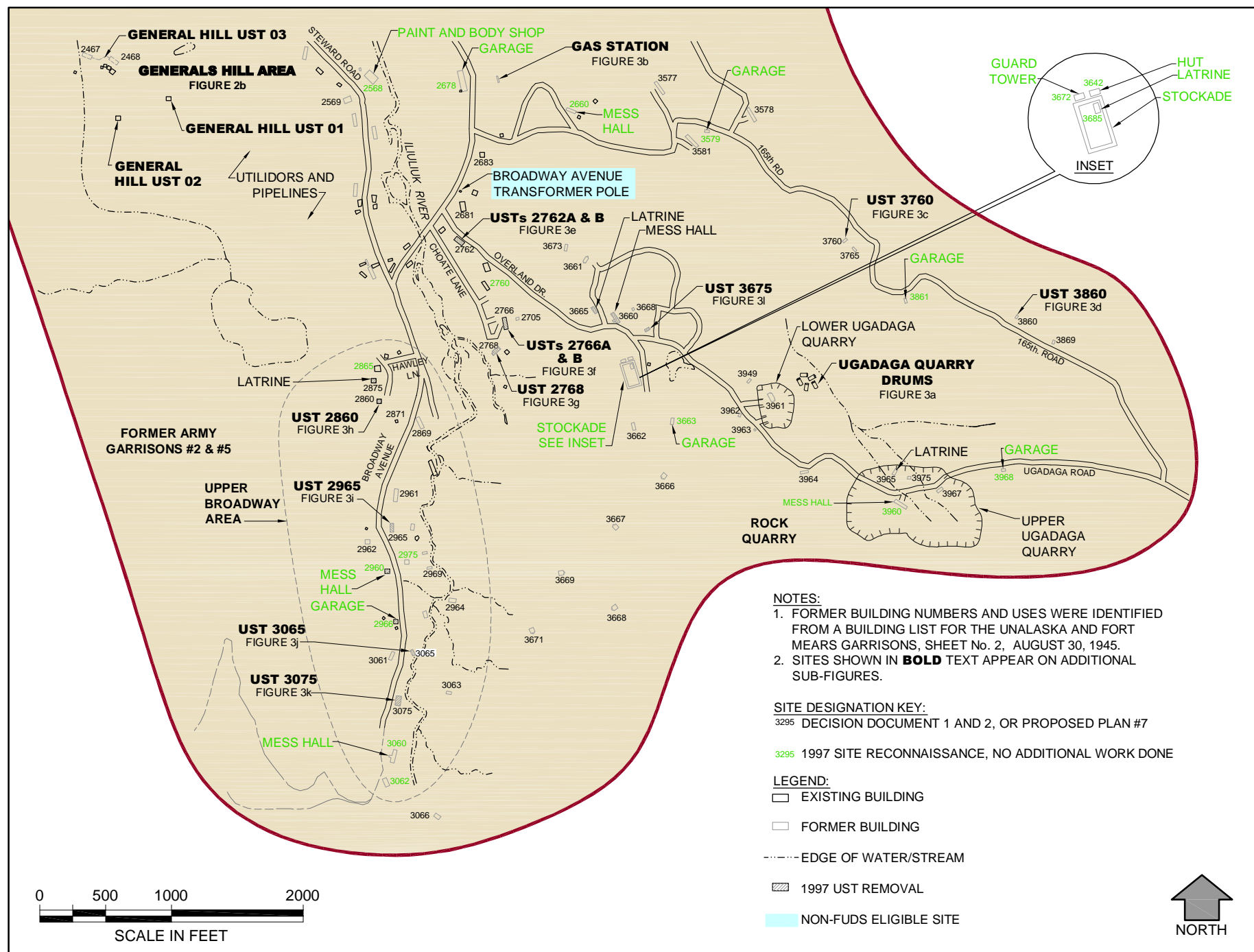
- *Cas Galasso-Irish*- Question for David Gregory- Survey that needs to be redone for CWM site?
- *David Gregory*- ROV re-do, cod carcasses
- *Rena Flint*- information on the site included in meeting packet.

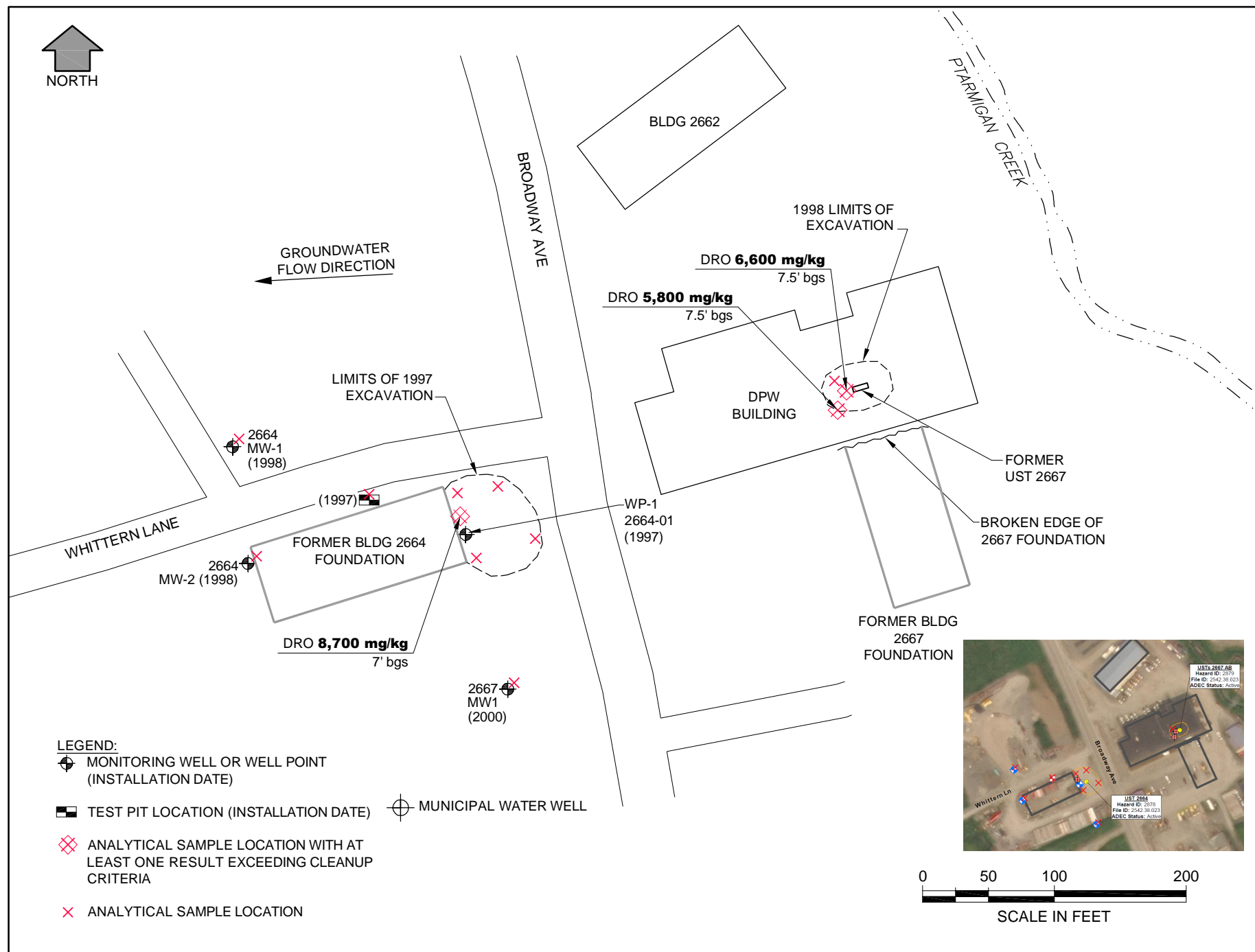
Contact Info and Closing Remarks

- Rena's info in the packet, email, or call.
- Can contact public affairs or any other USACE
- *Jay Edward King*- Motion to close meeting, seconded by Ginny Hatfield.

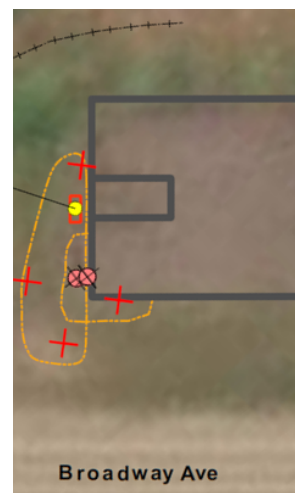
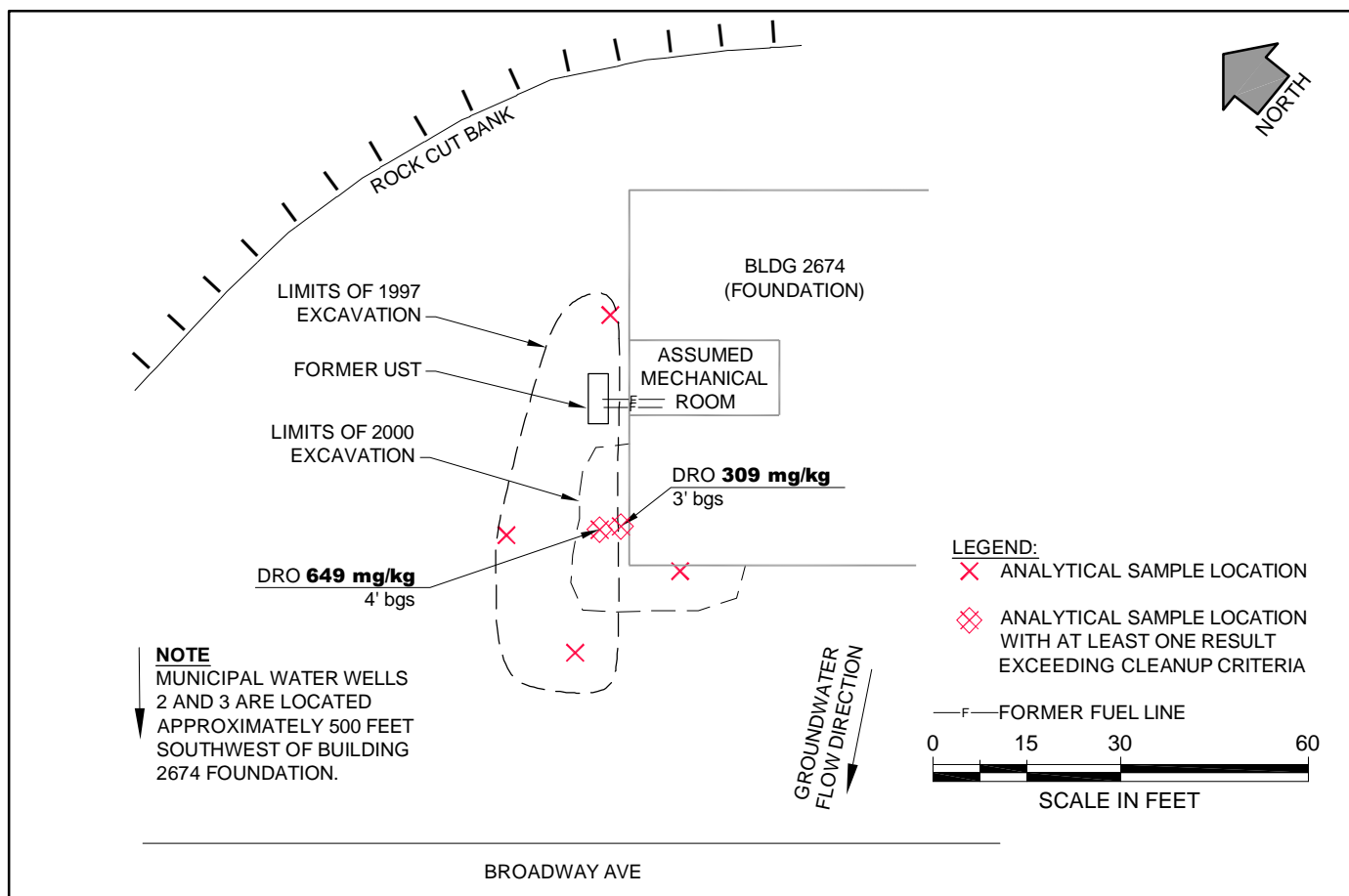
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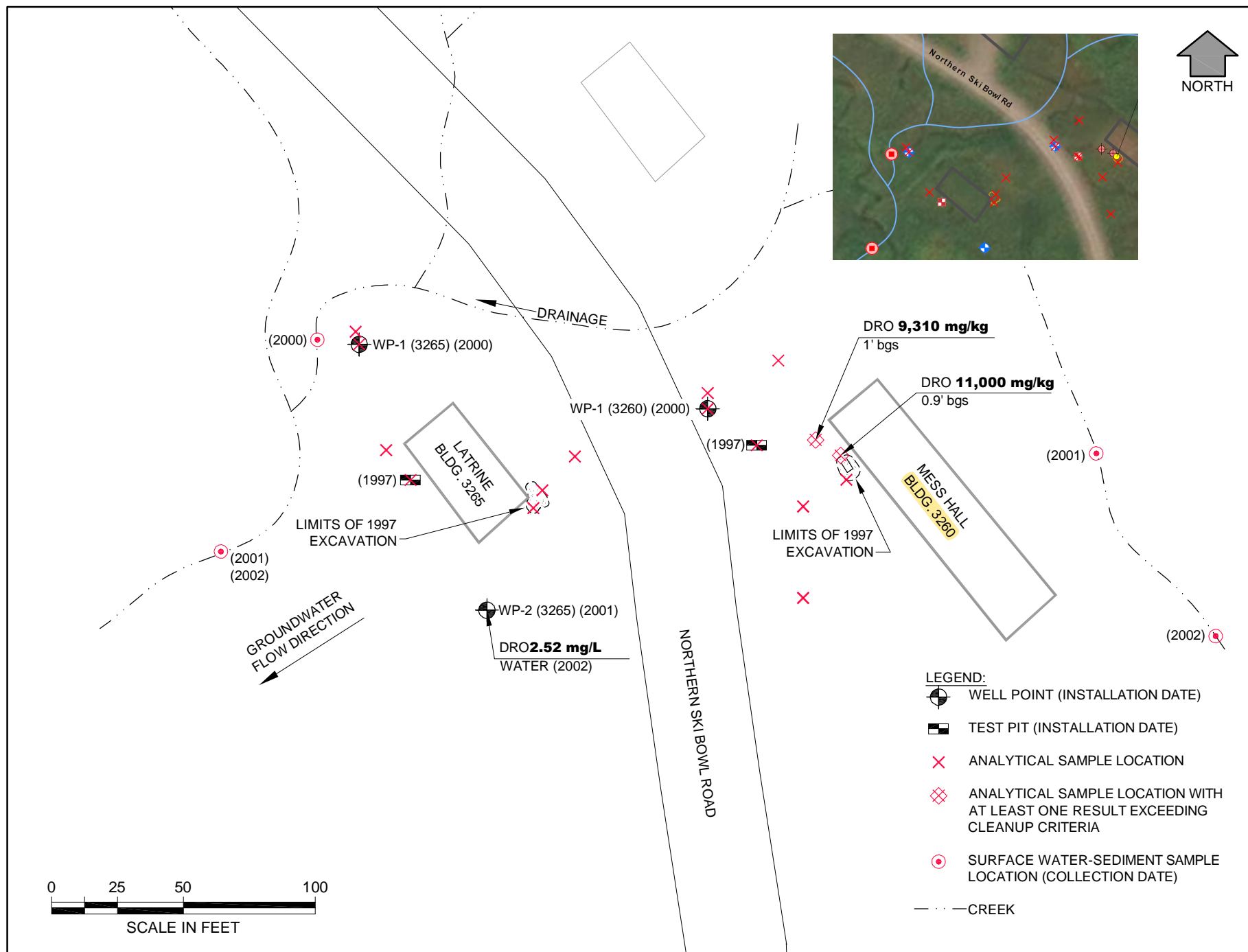




Underground Storage Tanks 2664 and 2667



Underground Storage Tank 2674



Underground Storage Tanks 3260 and 3265



UST 2664



UST 2667AB

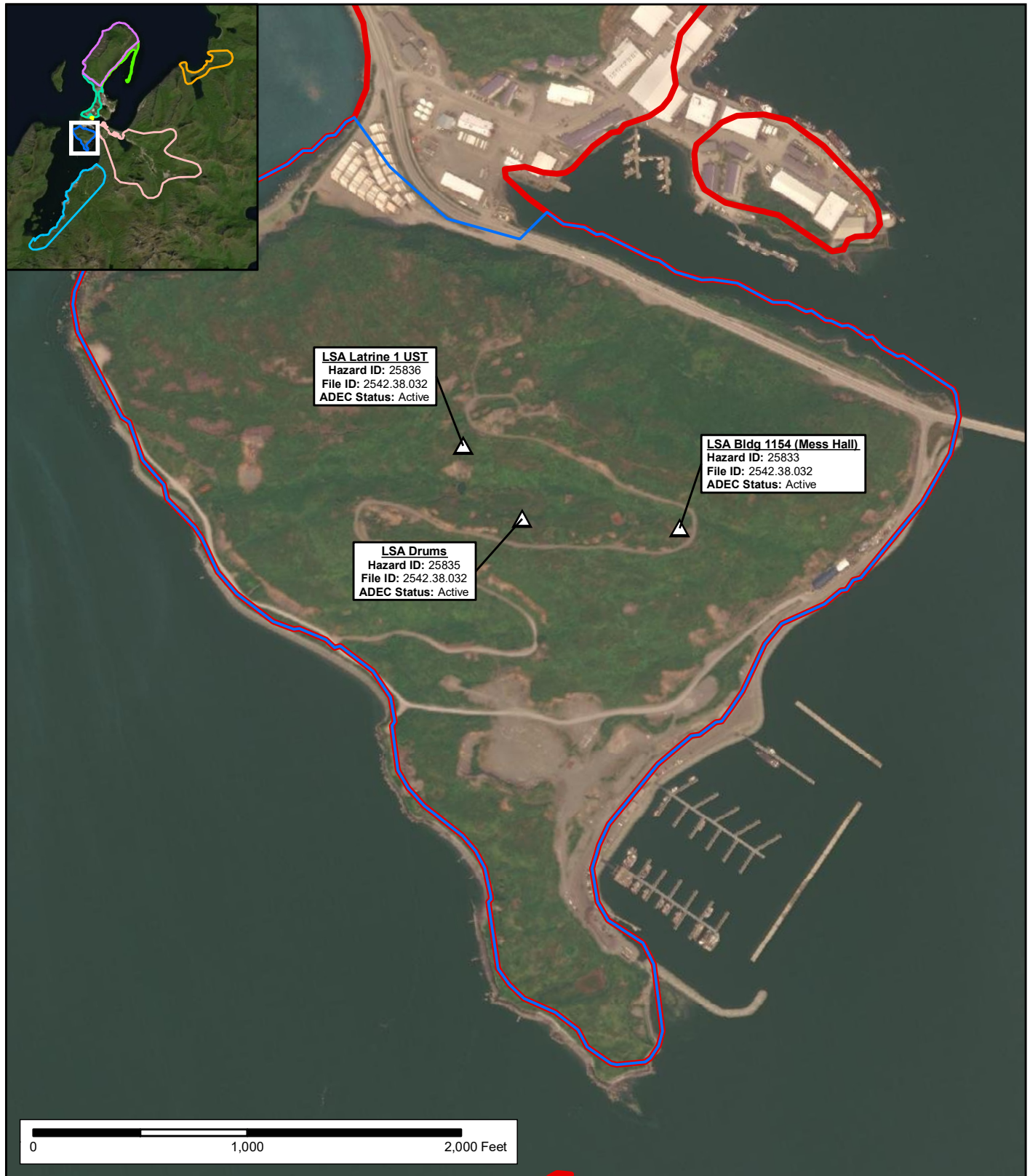


UST 2674



UST 3260

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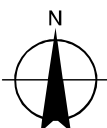
ADEC Contaminated Site Status

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

March 16, 2021
Excerpts from 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 (**monthly, then 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.

- 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.