



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

**Qawalangin (regional) Formerly Used Defense Sites (FUDS)  
Islands of Unalaska, Amaknak, and Sedanka**

**Amaknak, Chernofski Harbor Supply and Storage Site, Cape Wislow  
AWS Station, Fort Learnard, and Ugadaga Bay Station**

**Restoration Advisory Board Meeting**

**5:50-6:00 PM Pre-meet and greet, and technology check/troubleshoot**

**6:00-8:00 PM  
Wednesday, November 8, 2023**

**City Council Chambers  
43 Raven Way, Unalaska, AK**

Trouble connecting?  
Please call cohost  
Melissa Scully  
(907) 753-5787

**Or Join by Browser/Phone:**

**<https://usace1.webex.com/meet/rena.b.flint>**

**(844) 800-2712 US Toll Free**

**(669) 234-1177 US Toll**

**Access code: 199 212 1820 #**

**AGENDA**

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

**a. Opening Remarks**

**b. Roll Call/Quorum**

<input type="checkbox"/>	Alyssa K McDonald Community Co-Chair
<input type="checkbox"/>	James T Paulin
<input type="checkbox"/>	Elise Contreras
<input type="checkbox"/>	Okalena Patricia Lekanoff Gregory
<input type="checkbox"/>	Kale Bruner
<input type="checkbox"/>	David M Gregory
<input type="checkbox"/>	Michael Tutiakoff
<input type="checkbox"/>	Ben Leon-Guerrero
<input type="checkbox"/>	Rena B Flint, USACE Co-Chair

**c. Meeting Goals and Objectives**



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2. 6:15 – 6:20 Revise/Adopt August 2, 2023 Minutes
3. 6:20 – 6:40 Local Updates/Community Introductions/Public Comment
4. 6:40 – 6:55 City of Unalaska Brownfields Advisory Board Update (Thomas Roufos)
5. 6:55 – 7:00 Alaska Public Media Video about the Unalaska Valley Cleanup (Theo Greenly)

~ ~Break TBD~ ~

6. 7:05 – 7:10 Fiscal Year 2024 (FY24) Look Ahead Chernofski Harbor Supply and Storage Site FUDS (Wendy Hansen)
7. 7:10 – 7:15 FY24 Look Ahead Fort Learnard FUDS
8. 7:15 – 7:20 FY24 Look Ahead Cape Wislow AWS Station FUDS
9. 7:20 – 7:25 FY24/25/26 Look Ahead Ugadaga Bay Station FUDS (Richard Ragle)
10. 7:25 – 7:30 FY24 Look Ahead Amaknak FUDS (Rena Flint)
11. 7:35 – 7:40 RAB Membership Changes/ Recruitment
12. 7:45 – 7:50 Review Next Meeting Dates/Identify Next Steps
  - a. Next RAB Meeting: Hybrid (In-person and Virtual), February (Wednesday)
    1. February 7, 14, 21
    2. Keep in mind:
      - 4<sup>th</sup> week of every month City Council, OC Board, and Q Tribe Council meetings
      - Feb 5-9 Alaska Forum on the Environment
      - Feb 19 Washington's Birthday
  - b. Next Steps/Action Item Review
13. 7:50 – 8:00 Other Announcements/Unplanned Items/Open Discussion
  - a. Recap of Old Business/New Business



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14. 8:00 Contact Information and Closing Remarks, Adjourn

**USACE - Alaska District Public Affairs Office**

(907) 753-2520

[Public.affairs3@usace.army.mil](mailto:Public.affairs3@usace.army.mil)

**Chernofski FUDS**

Wendy Hansen, USACE Project Manager

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**Fort Learnard FUDS**

Jeremy Craner, USACE Project Manager

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**Cape Wislow FUDS**

Forrest Kranda, USACE Project Manager/Archeologist

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**Ugadaga Bay FUDS**

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**Amaknak FUDS**

Rena Flint, USACE Project Manager

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# DRAFT Meeting Minutes

Subject: Qawalangin (regional) FUDS RAB Meeting

Date: Wednesday, August 02, 2023

Time 6:00-8:00 PM

Location: Unalaska City Council Chambers

Attendees: **RAB Members Present:**  
Denise Rankin, Community Co-Chair  
James (Jim) T Paulin  
Elise Contreras (virtual)  
Michael Tutiakoff  
Ben Leon-Guerrero (virtual)  
Rena B Flint, USACE Tri-Chair

**RAB Members Not Present:**  
Okalena Patricia Lekanoff Gregory  
Kale Bruner  
David M Gregory

**RAB Members Absence Excused:**  
Alyssa K. McDonald, Community Tri-Chair

**In person Attendees:**  
Thomas Rufous (City of Unalaska)  
Forrest Kranda (USACE)  
Tyler Tesse (USACE)  
Ellis Berry  
Hope McKenney  
Allen Wilmarth  
Natalie Cale  
Curen  
Art Christensen

**Virtual Attendees:**  
Aaron Acena (USACE)  
Jessequa Parker (USACE)  
Carrie Nelson (USACE)  
Mike MacMillan (USACE)  
Caryn Orvis (Ahtna)  
Jennifer Anderson (Aleut Remediation)  
Cascade Galasso-Irish (ADEC)  
Tim Plucinski (USFWS)  
Frank  
David Holmes (Stantec)  
Levi Collins (EA Engineering)



1. Welcome and Introductions
  - a. Rena kicked off the meeting with opening remarks and reviewed the agenda.
  - b. Roll call conducted. With six (6) there is a quorum.
2. Revise/Adopt May 17, 2023 Minutes
  - a. Rena asked for a motion to Revise/Adopt May 17, 2023 Minutes
  - b. Denise moved to adopt minutes from May 17, 2023. Elise seconded motion.

**Decision: Adopt the minutes as written.**

3. Local Updates/Community Introductions/Public Comment
  - a. Rena requested those in the room to introduce themselves if willing to do so.
4. Camp Qungaayux Update
  - a. Rena gave a brief update on USACE participation at Camp Q today.
  - b. Forrest gave a brief update on the archeology portion of the Camp Q presentation.
  - c. Denise said that she hoped this was the second of many that USACE will be invited to Camp Q.
  - d. Michael added that it is valuable that the kids get to see all of the career options.
5. City of Unalaska Brownfields Advisory Board Update
  - a. Thomas Roufos introduce the city received a grant Brownfields.
  - b. David gave a brief overview of what has been completed to date including the Quality Assurance Project Plan, the Community Outreach, Program for Assessment of Hazardous Materials in WWII Cabanas, Eligibility Determinations, Site Inventory Tool including georeferencing WWII maps to create a geodatabase, LiDAR Areal Mapping and Lake Bottom Surveys. Next steps include finalizing documents, inventory tool, confirming eligibility for Strawberry Hill and Pyramid Valley.
  - c. Denise asked if they have to work with the BIA to get permissions and asked for clarification on what "removed" meant. Thomas clarified that removal could also be removal of the contaminated material not the building or home itself. It would be a voluntary program in hope of getting people into healthier living conditions.
  - d. Cas had a question about the QAPP worksheets and who they worked with at ADEC. David was not sure.

**Action Item: David will check who they were working with at ADEC.**

- e. Jennifer asked to clarify the schedule. Thomas clarified.
  - f. Ellis Berry asked if the GIS database would be shared with the public. David described a phased approach with this unique situation.
  - g. Rena thanked the RAB for hosting this collaboration effort. She also asked about the bathymetry. David clarified that the total intent is not to duplicate anything.
  - h. Ben asked for clarification assessment target areas and how they would identify that site in the report for further cleanup.
6. Rena motioned to take a break from 1853 to 1900. Jim seconded the motion.

**Decision: Adjourn for break returning at 1900.**

7. Cape Wislow AWS Station FUDS Update (Forrest Kranda)
  - a. Forrest introduced himself and presented background of the Cape Wislow AWS Station FUDS site and findings of the site visit from this summer.
  - b. Denise asked if there was cause for concern of PCBs in the Area.
  - c. Jim asked about Screw Pickets.
  - d. Thomas asked if there was drone mapping.
8. Amaknak FUDS Range Complex No. 1 Emergency Response Update



- a. Rena gave a description of the 28 June 2023 incident as she understands it. Denise thanked the RAB for their efforts educating the community on the hazards.
9. Amaknak FUDS Pre-WWII Tank Farm Update
  - a. Rena gave an update of the Pre-WWII Tank Farm site and project and the fieldwork that was completed this May.
10. Amaknak FUDS Unalaska Valley Update
  - a. Rena gave an update of the Unalaska Valley site and project.
  - b. Cas asked about the drinking water well and if it was sampled.
  - c. Art Christenson asked what happened to the soil.
  - d. Ellis asked when the groundwater samples would come back.
11. Review Next Meeting Dates/Identify Next Steps
  - a. Next RAB Meeting: Hybrid (In-person and Virtual), November or January (Wednesday)
    - i. Rena asked for a motion to select a date for the next meeting.
    - ii. Denise mentioned that the Ounalashka Corporation has a meeting planned for November.
    - iii. Michael moved to hold the meeting on 8 November 2023. Denise seconded the motion.
    - iv. Ben will not be available/objected to that date.

**Decision: The next meeting is scheduled for 8 November 2023**

- b. Next Steps/Action Item Review
  - i. Mel reviewed one action item.
  - ii. Forrest added that he owes the RAB photos of the tram car.

**Action item: Forrest owes the RAB some photos of the tram car.**

12. Other Announcements/Unplanned Items/Open Discussion
  - a. Recap of Old Business/New Business
    - i. There was discussion of the GIS software.
  - b. Rena motioned to adjourn. Jim seconded the motion.

**Decision: the meeting was adjourned at 1953.**

DECISION ITEM SUMMARY		
Decision	Motion made by	Seconded motion
Adopt the minutes as written.	Denise	Elise
Adjourn for break returning at 1900	Rena	Jim
The next meeting is scheduled for 8 November 2023	Michael	Denise
The meeting was adjourned at 1953	Rena	Jim
ACTION ITEM SUMMARY		
Action	Owner	Status
David to check who they were working with at ADEC.	David Holmes (Stantec)	
Forrest owes the RAB some photos of the tram car.	Forrest Kranda (USACE)	



Participant List

Participants (15)

Search

↓↑

MU

↻

Melissa Scully USACE

Me

AA

↻

Aaron Acena

Host

9072\*\*\*\*48

BL

↻

Ben Leon-Guerrero

CN

↻

Carrie Nelson

CO

↻

Caryn Orvis

CA

↻

Cas Galasso ADEC

EC

↻

Elise Contreras

F

↻

Frank

JA

↻

Jennifer Anderson

JP

↻

Jessequa Parker

LC

Levi Collins

MM

Michael Macmillan

TP

↻

Tim Plucinski

UC

↻

Unalaska Council Chambers

Chat Record

There was no chat activity.



# CHERNOFSKI HARBOR SUPPLY & STORAGE FORMERLY USED DEFENSE SITE

## FISCAL YEAR 2024 LOOK AHEAD



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Wendy Hansen  
8 November 2023

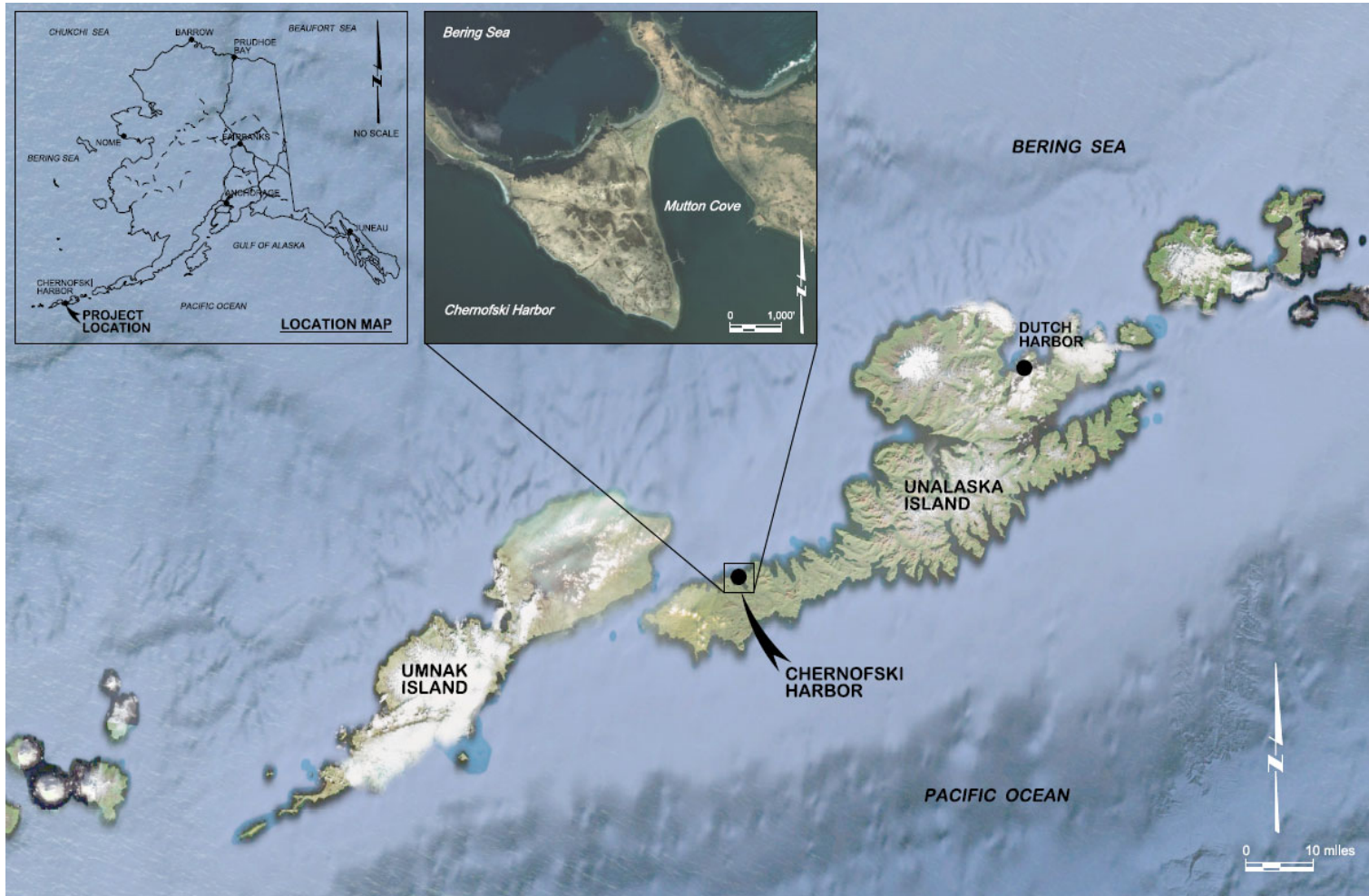




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# CHERNOFSKI HARBOR VICINITY

2



# 2022 FIELD WORK RECAP







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## CHERNOFSKI HARBOR – FUDS 2022 REMOVAL ACTIONS

4



- Five (5) batteries, three (3) tanks, and thirteen (13) drum remnants
- > 3,200 tons of Contaminated Soil from Grease Pit and ~38 former tank, drum, transformer and battery locations
- ~1,200 feet of fuel pipeline – Former tank farm above the Slaughterhouse







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# CHERNOFSKI HARBOR – 2022 INVESTIGATIONS

5



- WWII Building Footprint Inspections – Battery Remnants & Soil Sampling
- ~260 screening probes
- ~200 borings – Soil Samples
- ~ Thirty-seven (37) Groundwater Monitoring Wells
- Sediment and Pore Water samples @ Tank sites





# CHERNOFSKI HARBOR – REPORTS

6



- Final 2022 After Action Report
- Community Relations Plan
- Copies to Unalaska library



Final Removal Actions and Investigations Report  
Chernofski Harbor Supply and Storage  
Formerly Used Defense Site F10AK0013  
Chernofski Harbor, Unalaska, Alaska

Contract W911KB20D0002

Task Order W911KB21F0082

October 2023

Prepared for:

U.S. Army Corps of Engineers





# CHERNOFSKI HARBOR – WHAT IS NEXT?



1. Investigation and Removal – Paint Cans and Batteries Complete
2. Decision Document – Petroleum Contaminated Soil
  - Tanks - East
  - Gas Station/Tanks – West
  - Drums
  - Grease Pit
3. Investigation and Removal
4. Field Work – FY25 or FY26?
  - Petroleum Contamination
5. Future
  - Remedial Investigation/ Feasibility Study for Hazardous, Toxic and Radioactive Waste Project (CERCLA)







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## CHERNOFSKI HARBOR – ARCHAEOLOGICAL UPDATE

8



- **Report – Old Chernofski Village (UNL-034)**
  - Finalized 24 March 2022
  - USACE Hardcopies 1 March 2023
  - Stakeholder Hardcopies 28 March 2023
  - Report Availability includes: Qawalangin Tribe of Unalaska, Aleut Community of St. Paul Island, Ounalashka Corporation, Alaska State Library, and Museum of the Aleutians
- **Chernofski Harbor World War II District Historical Report**
  - Draft sent via DoD SAFE to Stakeholders 12 October 2023
  - Stakeholder Comments by 24 November 2023
  - Final by 31 December 2023
- **Report – UNL-160 (by slaughterhouse)**
  - Draft in progress
- **Artifacts**
  - Artifacts excavated from UNL-034 in 2019 at the Museum of Aleutians
  - Artifacts excavated from UNL-034 and UNL-160 in 2022 currently at USACE HQ in Anchorage for analysis
  - Being accessioned to the Museum of Aleutians

# QUESTIONS?



# TECHNICAL APPROACH (INITIAL PHASE)





# CAPE WISLOW AWS STATION FUDS-LOOK AHEAD

Forrest Kranda  
Archaeologist/Project Manager  
USACE Alaska District  
Date: 08 November 2023



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# LOOK AHEAD

- Draft Field Sampling Report
  - 1. Submit to DEC for initial review
  - 2. Submit to landowners/stakeholders for review.
  - 3. Finalize report after reviews
- Preliminary Assessment
  - Start January 2024
- Inventory Project Report
  - Start March 2024
- Archaeological Survey Report
  - In process

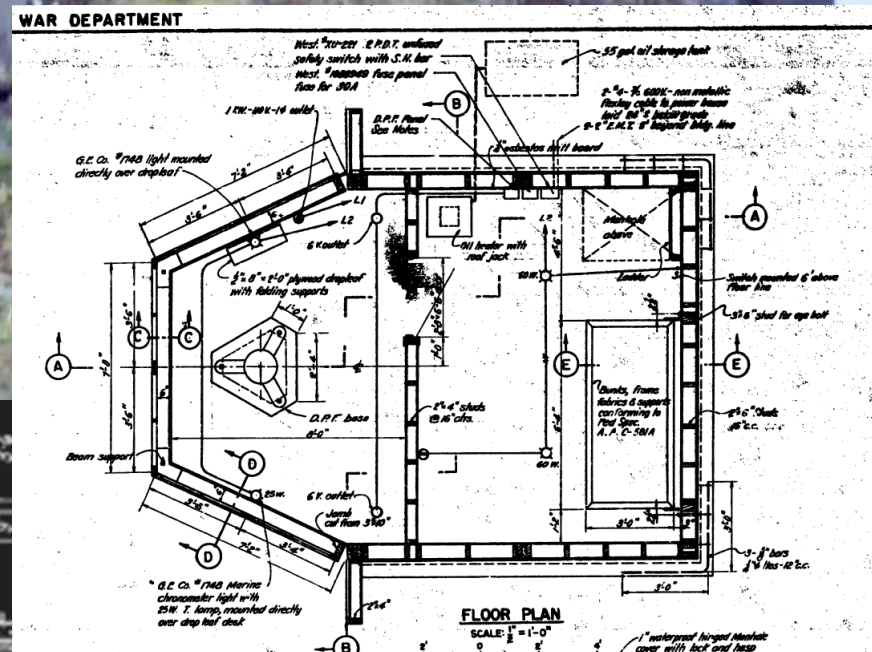


Amaknak Project	Project #	Category	Phase	FY24 Look Ahead	FY24 Contract
				Landowner/ stakeholder/ regulator coordination on Report and 2nd and 3rd Periodic Reviews.	
Pre-WWII Tank Farm	F10AK084103	HTRW	LTM	RC is expected to be resolved with final 2nd periodic review.	0
				Landowner/ stakeholder/ regulator coordination on Environmental Covenants.	
				Develop scope of work for community interviews and delineation.	
Range Complex No. 1	F10AK084109	MMRP	RI/FS	Historical Photo Analyses for Range Complex. 2 Strategic Planning Process meetings.	MMRP contract for Community/ landowner Interviews and contractor Site Visits to advise delineation of no further action (NFA) and non-NFA areas.
				Develop scope of work for remedial investigation.	
				Removal Action fieldwork complete.	
Unalaska Valley	F10AK084113	CON/HTRW	RmA-C	Landowner/ stakeholder/ regulator coordination on Environmental Covenants.	0
				Landowner/ stakeholder/ regulator coordination on Report.	
				Coordinate with Brownfields.	
Pyramid Valley/ Port Levashef	F10AK084114	CON/HTRW	RmA-C	SHPO coordination and NEPA compliance.	0
				Develop scope of work for removal action.	
				Removal Action contract awarded.	
Summer Bay/ Humpy Cove	F10AK084115	CON/HTRW	RmA-C	Landowner/ stakeholder/ regulator coordination on Work Plan.	0
				Removal Action fieldwork.	



Amaknak Project	Project #	Category	Phase	FY24 Look Ahead	FY24 Contract
Maragaret Bay/ Airport	F10AK084116	CON/HTRW	RmA-C	SHPO coordination and NEPA compliance. Develop scope of work for removal action.	0
Museum of the Aleutians	F10AK084117	CON/HTRW	RmA-C	SHPO coordination.	0
Mt Ballyhoo	F10AK084118	CON/HTRW	RmA-C	SHPO coordination and NEPA compliance. Develop scope of work for removal action.	0
Ballyhoo Spit	F10AK084119	CON/HTRW	RI/FS	Develop scope of work for remedial investigation. Removal Action contract awarded.	0
Little South America	F10AK084120	CON/HTRW	RmA-C	Landowner/ stakeholder/ regulator coordination on Work Plan. Removal Action fieldwork.	0
Qawalangin Regional RAB	F10AK084121	COMM/REL	RAB	Quarterly RAB meetings, and landowner/ stakeholder/ regulator coordination. COMM/ REL contract for follow-on year of quarterly RAB meeting facilitation and community outreach.	

# UGADAGA BAY FORMERLY USED DEFENSE SITE





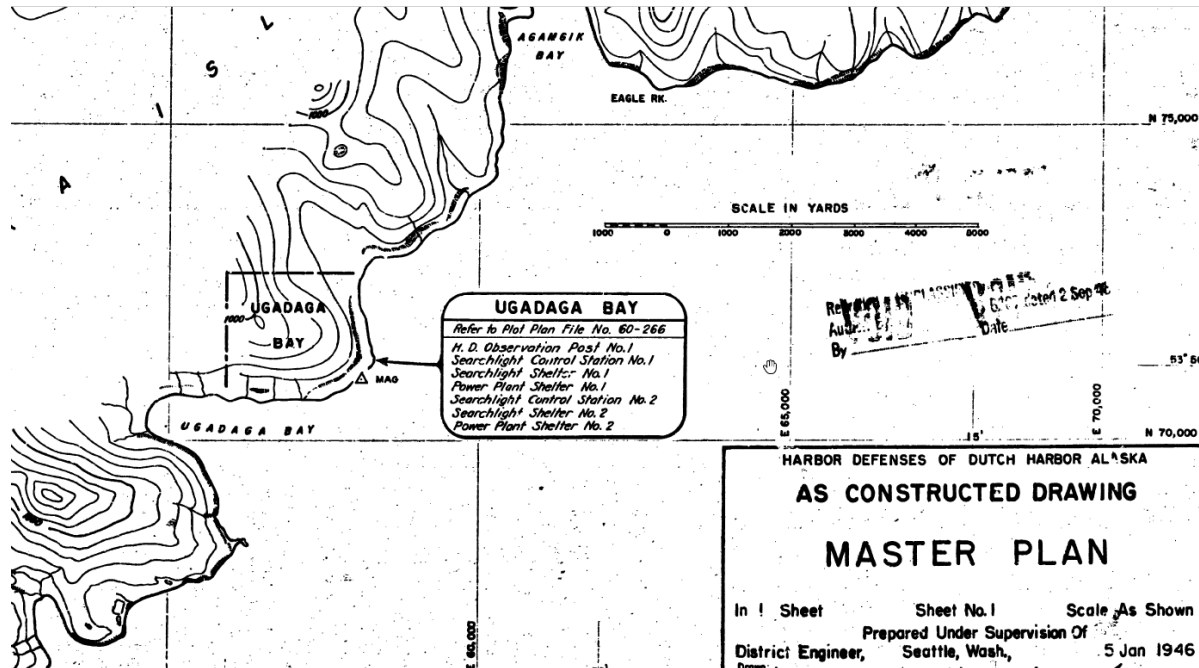
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## UGADAGA BAY FIRE CONTROL STATION – BACKGROUND

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- Ugadaga Bay was operated ~1942 - 1945 (sometimes called Beaver)
- Fire Control Stations – Ugadaga Bay, Erskine Point, Contantine Point and Cape Wislow supported the coastal defense of Amaknak during WWII. This was done by providing bearing and distance information for the Seacoast Guns every 15 seconds. To facilitate detection of vessels and aircraft, search lights were run at these facilities.





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## UGADAGA BAY – CERCLA PROCESS

3



PA / SI

Preliminary Assessment and Site Inspection  
Identification of the site and determination if environmental contamination exists  
Investigations done by USACE in 1986 and 1993, and EPA in 1997.

RI

Remedial Investigation – Goal is to collect data to characterize site conditions, determine what was spilled, where it is, and the concentrations present, determine extent of risk to Human Health and Environment.  
USACE hopes to award a RI contract FY24.

FS

Feasibility Study – to develop, screen and evaluate alternatives for site cleanup if risk is present.

PP

Proposed Plan – Presentation of the site cleanup alternatives to the public for review and comment.

ROD

Record of Decision – Public documentation of remedial action authority to respond to a release.  
And details of the required cleanup.

Removal  
Action

Removal Action – Implementation of action determined in the ROD. Reduction of risk to Human Health and Environment.



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## UGADAGA BAY – CERCLA PROCESS - RI

4



RI

### Potential Releases based on site history:

Electrical Transformers (PCB)  
Batteries (Lead)  
Paint containers (Lead, PCB?)  
Power Lines (Lead)  
Generators (Gasoline)  
Heaters (Diesel)  
Drums, Leaking (Fuel)  
Tanks Above Ground / Below Ground (AST/UST)

### Following media would be of concern:

Surface Soil  
Subsurface Soil  
Groundwater  
Surface Water

### Types of Features to Investigate:

Search Lights  
Power Generation  
Tram Engine  
Tanks, storage and day  
Drum piles  
Power Distribution