



US Army Corps
of Engineers

Umiat Landfill Formerly Used Defense Site (FUDS) Restoration Advisory Board (RAB) Virtual Meeting Minutes

Tuesday, October 22, 2024

1. Welcome and Introductions

- a. Tasha Michael (Galen Driscol), meeting facilitator for United States Army Corps of Engineers (USACE), opened the meeting at 6:00 pm.
- b. Invocation – James Patkotak opened the meeting with an invocation in English.
- c. Safety Moment – T Michael gave a safety minute on winter preparedness and referenced the coastal storm warnings in Alaska.
- d. Introductions – T Michael conducted introductions:
 - Aaron Acena, Umiat FUDS Project Manager – USACE
 - Mel Scully, Umiat FUDS Technical Lead and Environmental Engineer – USACE
 - Phillip Stallings, Project/Program Manager – Paragon Professional Services, LLC (Paragon)
 - Jeremy Madsen, IT – Bering Straits Native Corporation (BSNC)
 - Tiara Turner, Project Assistant – Paragon
 - Tim Sueltenfuss, Facilitator – Galen Driscol
 - Jarred Miles, Facilitator – Galen Driscol
 - Tasha Michael, Facilitator – Galen Driscol
 - Carmen Daggett, North Slope Area Biologist – Alaska Department of Fish and Game (ADF&G)
 - John Calanni, Project Manager – Jacobs
 - Cory Hinds, Landfill Engineer – Jacobs
 - Richard Reich, Chair – Kuukpik Corporation
 - James Patkotak, Community Member – Utqiagvik
 - Jamie Kasak, Community Outreach Specialist – Bureau of Land Management (BLM)
 - Jeremy Kasak – City of Nuiqsut
 - Lillian Kaigelak, Mayor – City of Nuiqsut
 - Dorcas Ahkiviana – City of Nuiqsut City Council
 - David Knutson, PE – Arctic Slope Regional Corporation (ASRC)
 - Brad Bodfish, Sr Project Manager for Arctic Operations and Development – UIC Arctic Operations & Development
 - Joseph Barron, Deadhorse Operations Manager – UIC Oil & Gas
 - Chastity Olemaun – North Slope Borough (NSB) Planning and Community Services
 - Loretta Kunaknana, Inupiat Translator – Paragon
 - Kelly Walker, Environmental Program Specialist III – Alaska Department of Environmental Conservation (ADEC)
- e. T Michael advised all participants that this meeting was being recorded to take minutes. She introduced Loretta Kunaknana, an Inupiat translator. L Kunaknana was available for Inupiat translation and questions at any time during the presentation.
- f. A Acena is the Project Manager for the Formerly Used Defense Site (FUDS) at Umiat, AK. A Acena reviewed the agenda and responded to the previous request to address the site history at Umiat.

2. February 2024 RAB Meeting Action Item Review

- a. A Acena reviewed action items:
 - i. Action Item Closed: Suggested date for the next RAB was October 13 – 26, 2024.

- ii. Action Item Closed: L Kaigelak volunteered to be added to the RAB stakeholder list. L Kaigelak has been added to the RAB membership.
 - iii. Action Item In Progress: Follow up with Alize Kallenbach at the City of Nuiqsut to participate in a trilateral meeting.
- b. J Patkotak commented on the RDI and Phase 1; he asked if the RAB group had visited Umiat. A Acena confirmed that there had been some work at Umiat since the Partnering Meeting, and some RAB members have visited the site. J Patkotak asked to participate in the next visit to Umiat.

3. RAB Formalization

- a. A Acena discussed the advantages of informalizing the RAB to combat meeting fatigue and procedural constraints.
- b. USACE has not formalized the Umiat RAB as the RAB has not elected a co-chair.
- c. In previous meetings, there have been comments regarding meeting fatigue in the region.
- d. It has been challenging to solicit participation in the RAB, but USACE will continue to solicit RAB membership, especially in the Nuiqsut community. If anyone is interested in becoming an RAB member, please volunteer.
- e. Jeremy Kasak asked whom he should report the drums found near Umiat to. Jeremy Kasak has a photo of a drum and recorded the area but does not have specific coordinates. Jeremy Kasak will send information to T Michael for follow-up.
- f. A Acena stated he would circle back with reporting information and notified attendees that a slide would be presented later that has ADEC reporting contact information.
- g. After continued discussion, A Acena stated that the RAB could possibly move to a public meeting format if that leads to more efficient meetings.
- h. USACE will make one last push to solicit formal RAB participation before dissolving the RAB and turning to public meetings.
- i. J Patkotak commented on Nuiqsut hunters traveling to Umiat for subsistence. He asked if there were animals at risk due to Umiat contamination.
- j. A Acena is not knowledgeable of any risk linked to the Umiat FUDS site. USACE has done prior work at the site to evaluate and address contaminants of concern. The Umiat FUDS project focuses solely on the site's remediation activities. A Acena reiterates that off-site contamination concerns and reports of animal sickness should be reported to the Alaska Department of Environmental Conservation (ADEC) and the Alaska Department of Fish and Game (ADF&G).
- k. Jeremy Kasak commented on annual fish and animal surveys, and reports developed and made available to the public. If a community member encounters animals, can they report and test the animal?
- l. Jeremy Kasak mentioned a subsistence survey. C Olemaun affirmed that The North Slope Science Initiative website for reports and science is updated monthly and yearly: <https://northslopescience.org/>
- m. A Acena asked if many people in the community used the site.
- n. Jeremy Kasak confirmed community use of the site. Posted surveys show maps and reports of sick wildlife.
- o. Jamie Kasak confirmed it is BLM owned and operated, but it is for all of North Slope Borough (NSB).
- p. D Ahkiviana works for the City of Nuiqsut and has seen a lot of flooding during springtime, including drums washing up on the riverbanks. She reported hearing that, months ago, hunters saw a lot of sick caribou on their trip. She has personally seen at least four or five ill and emaciated adult caribou with abnormal antlers. She also recalls seeing four Canadian geese that were showing symptoms of sickness. Each spring, old drums come

up on the side of the banks. She asked where they were from and how to get rid of the drums that have been around for decades.

- q. A Acena reiterated that he would follow up with a slide later in the meeting showing how drums can be reported. As a reminder, he stated that there are specific and stringent criteria for evaluating cleanup under FUDS. FUDS was created for the Department of Defense (DoD) impacts before 1986 on property that the DoD owned, leased, or possessed. This land also includes the Army, Navy, Air Force, and World War II areas.
- r. M Scully provided the following clarification in the meeting chat:
 - To be eligible for the Formerly Used Defense Sites (FUDS) program, a property must meet the following criteria:
 - The property was transferred from the DoD before October 17, 1986.
 - A release of hazardous substances occurred while the DoD owned or operated the property.
- s. J Patkotak stated that the ADF&G should be aware of sick animal sitings. In response, ADF&G's C Daggett provided the following information in the meeting chat:
 - If there are sick animals harvested, we will always take samples. If the animals are not harvested, videos and pictures are helpful to report. Contact information is 907-852-3464.

4. Partnering Workshop Update

- a. J Miles provided an update on the August Umiat FUDS Partnering Workshop in Fairbanks, Alaska. On August 21 and 22, 2024, representatives from the following organizations met to increase trust and collaboration between stakeholders to facilitate the environmental investigation and response at Umiat Landfill FUDS. Government organizations in attendance included the USACE, BLM, ADEC, and Alaska Department of Transportation and Public Facilities (ADOT&PF). Community representatives from the North Slope Borough, Kuukpik Corporation, Utqiagvik, and Arctic Slope Regional Corporation participated in the meeting. Contractors included Paragon, Jacobs, and Galen Driscoll.
- b. In the two-day partnering workshop, attendees conducted the following activities: (1) assessed existing partnering team membership and evaluated potential membership additions; (2) assessed future project partnering actions based on project risk assessments; (3) drafted a partnering charter to reinforce stakeholder commitments to the partnering team's mutual goals; (4) drafted a partnering team communication plan; (5) drafted a partnering team risk management plan; (6) drafted a partnering team issue resolution plan; (7) drafted a partnering maintenance plan; and (8) discussed possible additional partnering workshops and public involvement planning. Attendees also participated in team-building sessions to increase trust and collaboration. A meeting one-page summary is available. If anyone wants the one-page meeting summary, please contact A Acena, T Michael, or J Miles.
- c. A Acena stated that USACE now has an active Umiat FUDS website that includes all materials and showed the website to meeting participants.

5. 6:42 pm – 6:50 pm Break

6. Umiat Update

- a. History of Umiat Air Force Station (AFS) - A Acena provided a summary of the DoD history at Umiat.
 - a. In 1945, the Navy and Department of the Interior signed an agreement for geological exploration conducted by the USGS. That year, the Navy established two major operating bases at Barrow and Umiat. The site's owner

ship was transferred to the Air Force in 1954 and subsequently to the Bureau of Land Management in 1960. The airfield at the site was transferred to the Alaska DOT & PF in 1966.

- b. In 1973, the US Navy came back to Umiat for site-wide demolition and cleanup. In doing so, the Navy created the dump site which also included a bank of the Colville River where Umiat waste would be discarded. Barrels, vehicles, metal, bedding, and other waste was discarded at the dump with few controls.
- c. In 1986 the FUDS Program was created. USACE remediation work has been occurring at the site, under the FUDS Program, since 1994.
- d. The project remains a FUDS and USACE Alaska District priority, especially since 2019 when a decision document was signed that directed removal of all waste from the dump.
- e. The project is currently in the remedial design phase which assesses the dump's contents and the corrective action needed to remove waste and remediate the land.
 - i. This involves reviewing options to treat contaminants, rather than shipping them for disposal offsite. It also requires an assessment of the site to confirm its ability to support remedy implementation.
- b. Remedial Design Investigation (RDI) Field Work Update
 - i. The investigation was completed in early October and included gathering soil samples and groundwater data and installing thermistors, transducers, and temperature sensors to estimate permafrost, subsurface temperature conditions, and groundwater levels. A 3D site model will be developed once data has been received from the RDI to illustrate conditions and contamination in the dump area. The team recently tried to dig test pits during the RDI and is waiting for lab results. The USACE will prepare a spring field work report in 2025 and will finalize it for public comment and review. The 60% remedial design document will be prepared next, which will define how to excavate the dump. The USACE also continues work on cost estimating, design analysis, and other remedial design activities.
 - ii. A Acena showed photos from the RDI field work and test pits and discussed some of the debris encountered, including metallic debris, vehicle tracks, crushed drums, and a crushed vehicle.
 - iii. Jeremy Kasak mentioned he came across the old wooden barge toward the Chandler River/Gubick wells past Umiat.
 - iv. A Acena confirmed the Gubick area is not a FUDS project.
 - v. D Ahkiviana asked if there was bedding in the waste as a part of the metallic debris.
 - vi. A Acena confirmed yes, there was a metallic boxspring frame. When the dump was made, everything the camp didn't need, including metal items, was placed in the dump or burned.

7. Reporting Drums and Other Areas of Concern

- a. A Acena shared a slide detailing the ADEC information for reporting environmental concerns, including drums. A Acena provided a pdf from the Alaska Department of Natural Resources (DNR) on identifying drums.
- b. K Walker shared contact information for anyone who has information or a photo of the debris to identify the drum and location or coordinates for land ownership, which dictates how cleanup is carried out: <https://dec.alaska.gov/spar/csp/anca/>

- c. Additional information regarding ADEC's Alaska Native Claims Settlement Act (ANCSA) Contaminated Lands work with the Environmental Protection Agency (EPA) can be obtained by contacting Nick Waldo at nick.waldo@alaska.gov.

8. **Local Updates/Public Comment**

- a. T Michael asked Jeremy Kasak when Nalukataq occurs.
- b. Jeremy Kasak confirmed the middle of June through the end of June, depending on how many whales the community has harvested.
- c. T Michael asked if any meetings are scheduled that the RAB should know about.
- d. Jeremy Kasak confirmed that the trilateral meeting is coming up and that he will forward a request to include participants from this RAB.
- e. T Michael will follow up to confirm the date of the next trilateral meeting.
- f. L Kaigelak asked about pictures of the drums near the airport and asked if there is more funding for cleanup efforts.
 - A Acena asked to clarify which area.
 - L Kaigelak confirmed the Umiat area.
 - A Acena clarified that funding is annual. The USACE requests funding for two years and revisits project funding each year. He states that USACE is not sure how much funding is needed each year for cleanup at this time. When we get 60% and 90% of the documents, USACE will know more about the funding request. This is still a priority project for the district and the FUDS program.
 - A Acena addressed the second prong of the question about drums by the old airport; this is not FUDS-eligible property.
 - L Kaigelak asked about the difference. Is it because it is an airport?
 - i. A Acena indicated that post-DoD use, it is challenging to determine what was private oil and gas or what was DoD. There is another link with prior meeting information from the RAB in February that details eligibility.
 - J Patkotak asked if the USACE could clarify if some contamination stemmed from private oil and gas ownership.
 - i. A Acena answered no. USACE does not track records of when land ownership changed or lease information, and much information is not public or has not been researched .
 - L Kaigelak asked the following questions:
 - Is there public information on who used the land (in regards to Puviksuuq)?
 - i. A Acena confirmed there are public records but no specific information on private use of the property.
 - ii. Who can we ask to assist with cleanup efforts if not the USACE? Is there more information for the previous landowner?
 - iii. A Acena states that the ADEC is the best place to start.

9. **Identify Next Meeting Date for a RAB**

- a. A Acena asked the group to suggest feedback on a timeframe for the next meeting. The initial suggestion is for June or July.
- b. Jeremy Kasak suggested May. Jeremy Kasak shared that the spring festival starts in March, and a busy whaling season follows after May. He posed August as an alternative to May.
- c. A Acena stated that August is possible.

- d. T Michael also suggested August for the next meeting. She will travel to Nuiqsut next week for historical interviews about Umiat. The USACE is looking for more members of the community who have information on Umiat.
- e. J Patkotak suggested a radio ad to air information on Umiat during the Drive-to-Thrive fundraiser.

10. Review Action Items/Closing Remarks/Adjourn

- a. Action Items:
 - i. T Michael will follow up to confirm the next few upcoming trilateral meeting dates.
 - ii. A Acena will share the February RAB PowerPoint, which details FUDS eligibility.
- b. L Kaigelak thanked the group and will have the admin follow up on the property owners who had access to the land. She received an email asking for elders who may have information on Umiat and volunteers to assist in locating them for interviews. T Michael to follow up.
- c. Contact information
 - i. Umiat FUDS
Aaron Acena, USACE Project Manager
(907) 753-5568, Aaron.Acena@usace.army.mil
 - ii. Public Affairs Office
USACE, Alaska District
(907) 753-2520, Public.affairs3@usace.army.mil
- d. Lastly, A Acena shared a link to the Umiat website and QR code:
 - i. <https://www.poa.usace.army.mil/Missions/Environmental-Services/Umiat-Formerly-Used-Defense-Site/>
- e. The meeting adjourned at 7:53 pm.

Umiat Formerly Used Defense Site (FUDS)
Restoration Advisory Board (RAB) Virtual Meeting

6:00 p.m. to 8:00 p.m. AKST
Tuesday, October 22, 2024

BROWSER:

<https://tinyurl.com/Umiat-Virtual-RAB-Meeting>

CALL IN (AUDIO ONLY):

+1 907-308-3256

Phone conference ID: 844 857 794#

MEETING AGENDA

5:45 p.m. – 6:00 p.m. Pre-meet and greet, and technology check/troubleshoot

1. 6:00 p.m. – 6:20p.m. Welcome and Introductions
 - a. Invocation
 - b. Safety Moment
 - c. Introductions
2. 6:20 p.m. – 6:25 p.m. February 2024 RAB Meeting Action Item Review
3. 6:25 p.m. – 6:40 p.m. RAB Formalization
4. 6:40 p.m. – 6:55 p.m. Partnering Workshop Update
5. 6:55 p.m. – 7:00 p.m. Break
6. 7:00 p.m. – 7:25 p.m. Umiat Dump Update
 - a. History of Umiat Air Force Station (AFS)
 - b. Remedial Design Investigation (RDI) field work update
7. 7:25 p.m. – 7:35 p.m. Reporting Drums and Other Areas of Concern
8. 7:35 p.m. – 7:50 p.m. Local Updates/Public Comment
9. 7:50 p.m. – 7:55 p.m. Identify Next Meeting Date
10. 7:55 p.m. – 8:00 p.m. Review Action Items/Closing Remarks/Adjourn
 - a. Umiat FUDS
Aaron Acena, USACE Project Manager
(907) 753-5568, Aaron.Acena@usace.army.mil
 - b. Public Affairs Office
USACE, Alaska District
(907) 753-2520, Public.affairs3@usace.army.mil

Trouble connecting? Please call/text
cohost Tasha Edwards Michael at
(907) 903-6699

UMIAT FORMERLY USED DEFENSE SITE (FUDS) RESTORATION ADVISORY BOARD (RAB) MEETING

Aaron Acena
Project Manager
U.S. Army Corps of Engineers, Alaska District
22 October 2024



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MEETING AGENDA



1. Welcome and Introductions
 - a. Invocation
 - b. Safety Moment
 - c. Introductions
2. February 2024 RAB Meeting Action Item Review
3. RAB Formalization
4. Partnering Workshop Update
5. Break
6. Umiat Dump Update
 - a. History of Umiat Air Force Station (AFS)
 - b. Remedial Design Investigation (RDI) field work update
7. Reporting Drums and Other Areas of Concern
8. Local Updates/Public Comment
9. Next Meeting Date
10. Review Action Items/Closing Remarks



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FEBRUARY 2024 ACTION ITEMS REVIEW



- **Action Item:** Suggested dates for the next RAB are October 13-26 or before November 9, the last two weeks of October or the first week of November.
 - Scheduled
- **Action Item:** Ms. Kaigelak is interested in being added to the RAB.
 - Added to RAB contract info/distribution list.
- **Action Item:** Follow up with Alize Kallenbach at the City of Nuiqsut to coordinate with the Trilateral Meeting.
 - USACE has been in contract with the City/Kuukpik on trilateral meeting dates and will continue to coordinate and look at the possibility of presenting as design work is finalized and the project gets closer to construction.



Informal vs Formal RAB Formalization

- Formal RAB

- Formal RAB needs consistent RAB membership/participation
- Community nominates a RAB Co-chair
- RAB needs to draft a mission statement and charter

- Informal RAB/Public Meetings

- RAB membership will still be solicited
- No charter/mission statement
- Minimal membership participation
- USACE will keep the same commitment in # of meetings, open lines of communication, answer questions, and solicit community feedback.



- **Formal RAB Needs and Member Responsibilities**

- RAB needs to help draft a mission statement and charter
- RAB needs consistent RAB membership/participation (quorum)
 - ❑ Quorum – Co-chair and 51 percent of the remaining RAB members.
- RAB members are expected to respond to emails, help to coordinate meeting agendas
- RAB members/community need to nominate RAB Co-chair



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PARTNERING WORKSHOPS AUGUST 21-22, 2024

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- Fairbanks, Alaska
 - Attendees: USACE, Federal and State stakeholders (BLM, AKDOT, ADEC), community representatives (Utqiagvik, North Slope Borough, Kuukpik, ICAS, ASRC) and RD contractor (PCJV).
- Discussed a project vision, mutual goals, communication planning, issue resolution plan, partnering maintenance plan as well as discussion ongoing Restoration Advisor Board work and ways to improve communication.
 - Partnering workshop meeting summary is available.
 - Quarterly email updates will go out to the partnering attendees which can be distributed further to communities and stakeholders.







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SITE HISTORY OF UMIAT AFS (1945 TO 1973)

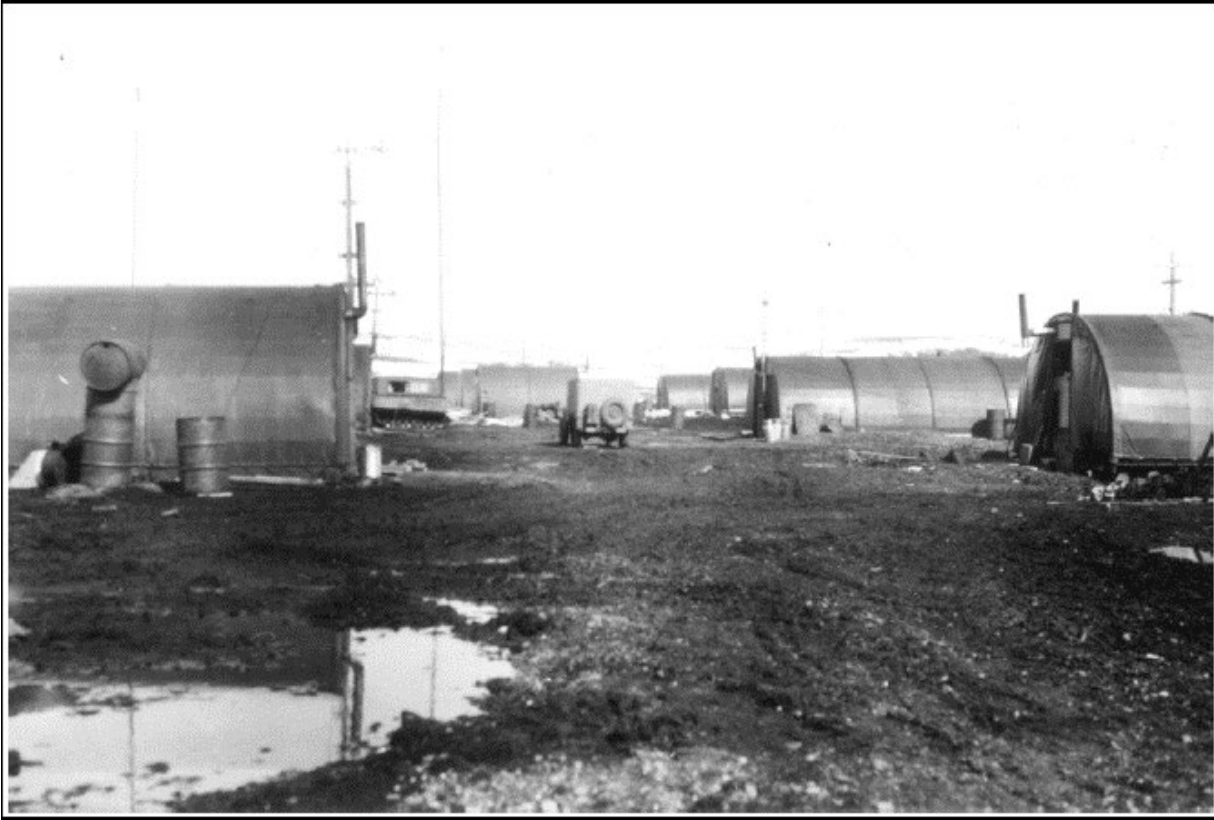


- July 1, 1945, the Navy and the Department of the Interior signed an agreement that the geological work associated with the exploration would be conducted by the USGS. 1945 Navy and its Federal partners established two major operating bases at Barrow and Umiat.
- 1945 and 1952, 36 test wells were drilled (11 around Umiat) and 44 core tests taken.
- 1949, the U.S. Air Force (USAF) developed long-range atomic test sensors to listen for Soviet development of atomic weapons. There were seven USAF instrumental huts built at Umiat.
- 1953, control of PET-4 was transferred to the U.S. Air Force.
- 1954, the U.S. Air Force officially took control and planned for construction of an Aircraft Control and Warning (AC&W) Station which was never constructed.
- 1959, the CAA leased several buildings at the camp.
- 1960, Umiat was transferred to the control of the Bureau of Land Management.
- Late 1960s, FAA takes control of Umiat Airstrip.
- 1966, Airfield transferred to State of Alaska DOT.
- 1973, site-wide demolition and cleanup effort by the Navy.



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UMIAT 1945 AND 1952



370 - 6 General View of Control Building and surrounding area Umiat.



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UMIAT 1958 AND 1960



Umiat, Alaska, July 1958
Equipment building at MRL site. Foundation, siding and roofing in same condition as constructed. Floor is warped because of open door. Note thawed tundra in foreground caused by disturbing surface cover.



UMIAT

VIEW TOWARD WEST. AREA PROPOSED FOR FAA HOUSING.

AUGUST 1960



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HISTORY OF REMEDIATION AT UMIAT AFS (1980s AND 1990s)

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- 1986, USACE initiated a hazardous waste sampling and assessment program at under the FUDS Program.
- 1994, USACE conducted RI work at Umiat AFS to determine the horizontal and vertical extent of soil contamination at the 11 areas identified during the 1992 site inspection, of which the landfill was designated Area 11.
- 1996, USACE conducted a Phase II RI at the former Umiat AFS. The Phase II RI focused on three main areas: the Airstrip Operations Complex and Runway Lake (Unit A), the Main Gravel Pad and Floatplane Lake (Unit B), and the Landfill and associated seasonal stream (Unit C)
- 1996, Environmental Site Assessment An environmental site assessment of Umiat was performed by the North Slope Borough (NSB).
- 1997, USACE conducted a Phase III RI at the former Umiat AFS to fill data gaps at previously investigated areas and assess areas of potential concern that had not yet been investigated.
- 1998, USACE conducted additional field investigations at Umiat to fill data gaps at locations previously investigated from 1994 through 1997. Follow-up tasks were performed at the landfill, the seasonal stream and slough, and the Colville River near Umiat.
- 1999 Field Investigation - USACE conducted another site investigation at Umiat in August 1999, during which surface water samples were collected from the seasonal slough and groundwater samples were collected from monitoring wells at the landfill.



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HISTORY OF REMEDIATION AT UMIAT AFS (2000 TO 2017)

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- 2001 to 2006, USACE removed contaminated soil from Test Wells 2, 5, locations around the Umiat Pad and the airstrip. 25,000 cubic yards of soil was removed and thermally treated, ~300 tons of lead soil was shipped offsite, and 20,000 lbs. of contaminated drill pipe and rod was disposed.
- 2009 HTRW project #09 Umiat Lake, removed 270 drums and drum carcasses from the lake and shoreline. Also removed 750 gallons of contaminated water and 400 lbs. of sludge/sediment.
- 2013 RI Summary Report A RI summary report was prepared in 2013 that compiled, evaluated, and summarized the prior sampling conducted at the Umiat Landfill into a single document.
- 2016 RmA-C for Project #10 Drum Mound. Removed 1.4 tons of POL soil and 85 gal of contaminated water. 2 tons of drums removed.
- 2017 Groundwater Sampling USACE conducted groundwater sampling in June 2017 at the landfill area. Five temporary well points were installed and sampled, along with four existing groundwater monitoring wells that remain useable at the landfill area.
- Geophysical surveys and hydrologic analysis:
 - 1994 Geophysical Survey
 - 2005 Geophysical Report
 - 2011 Geophysical Survey
 - 2011 Hydrologic Analysis
 - 2017 Hydrologic Analysis



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UMIAT HISTORY – #06 – TEST WELL #9 RA-C





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UMIAT HISTORY – #10 – DRUM MOUND





UMIAT REMEDIAL DESIGN INVESTIGATION UPDATE



- Remedial Design Investigation (RDI) field work conducted 9 Sept – 7 Oct
- Field work consisted of:
 - Soil borings, monitoring wells, thermistors, and transducer installation in the dump area
 - Test pits in the dump area
 - Conduct baseline sampling of existing areas
 - Geotechnical/thermistor installation at proposed monofill areas
 - On-site remediation planning / Site operations analysis
- Lab data still pending, expect Draft report available for stakeholders in April 2025.
- 60% remedial design expected in April-May 2025
- USACE is also continuing work on cost estimating, design analysis and other remedial design activities.



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UMIAT RDI FIELD WORK – TEST PITS





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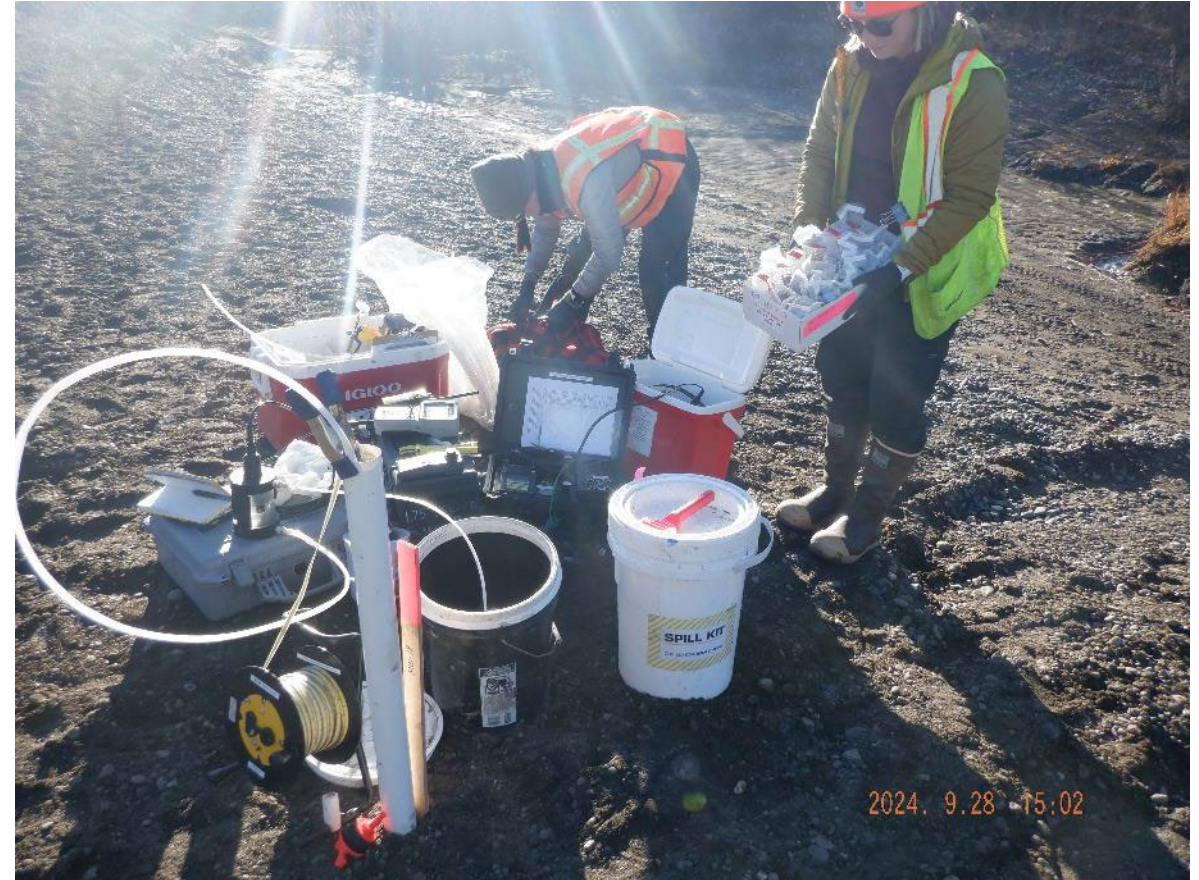
UMIAT RDI FIELD WORK – TEST PITS





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UMIAT RDI FIELD WORK – TEST PITS





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UMIAT RDI FIELD WORK – TEST PITS





REPORTING DRUMS AND OTHER AREAS OF CONCERN



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Umiat Air Force Station ADEC Project Manager

- Kelly Walker: kelly.walker@alaska.gov (907) 451-2166
- Available to answer questions or discuss overall site issues Monday thru Friday during regular business hours
- Additional Information regarding Umiat:
 - <https://dec.alaska.gov/Applications/SPAR/PublicMVC/CSP/SiteReport/773>

Notification of contamination outside of Umiat:

- Contact Prevention, Preparedness, and Response Unit
 - ReportSpills.alaska.gov
 - Call 1-800-478-9300
- Contact Kelly Walker

Examples of situations to report:

- Buried debris (drums, batteries, old fuel cannisters)
- Oily sheen in water
- Fuel spills

Alaska Department of Natural Resources - Drum Identification

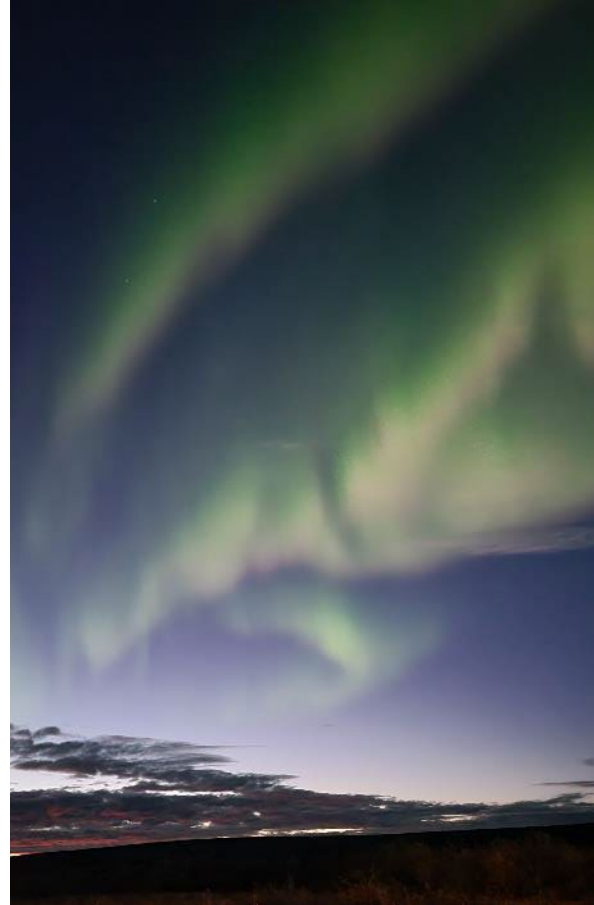
- https://dnr.alaska.gov/parks/oha/publications/Ubiquity%20Drums_v5%203x4pdf.pdf





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LOCAL UPDATES/PUBLIC COMMENT





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NEXT MEETING DATE

22



- Next date for RAB/Public Meeting
 - June/July – USACE will have reporting and lab data available from the RDI to share, and likely a portion of the 60% design progress.



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REVIEW ACTION ITEMS / CLOSING REMARKS





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CONTACT INFORMATION



Umiat FUDS

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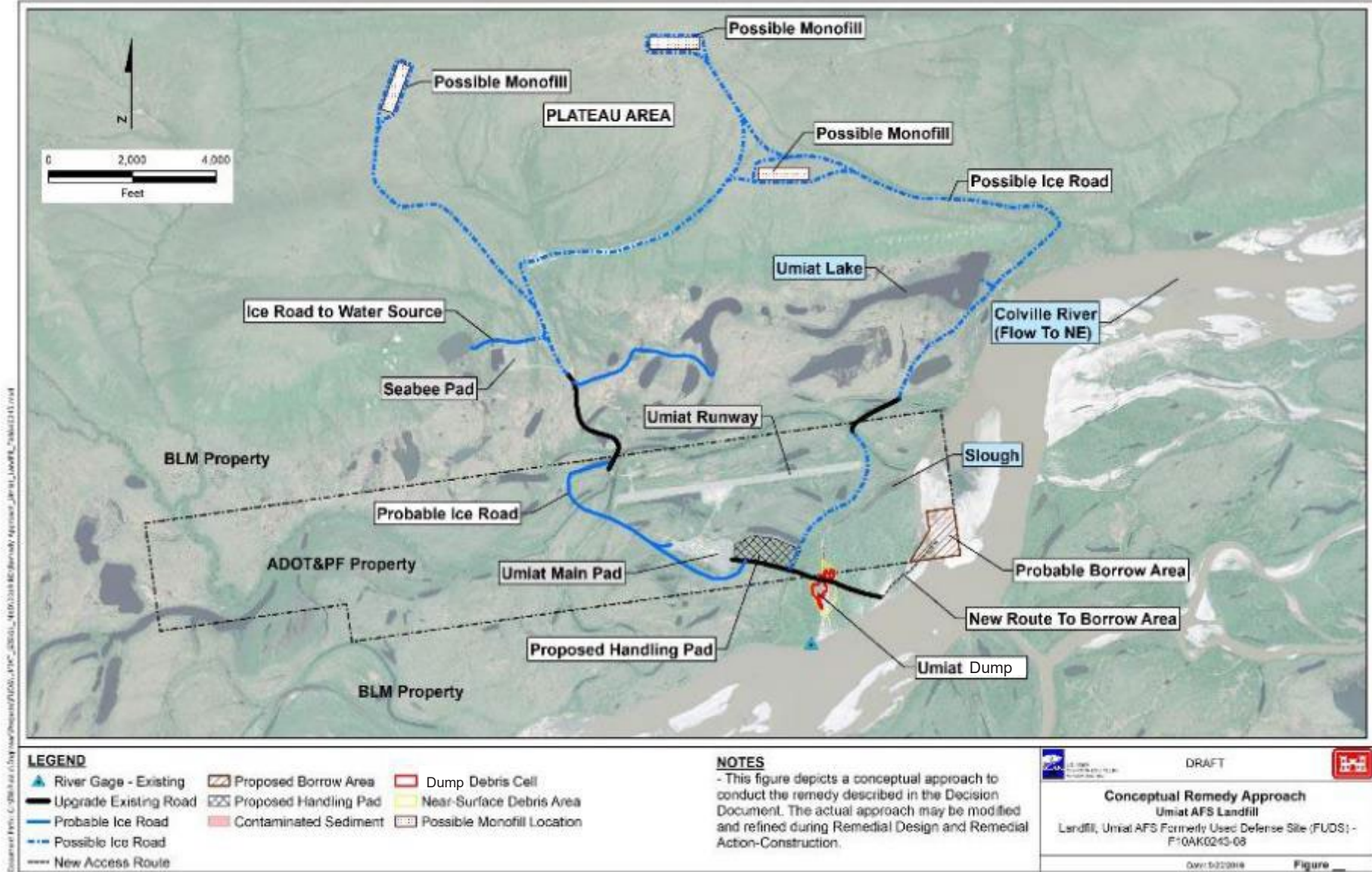


SUPPLEMENTAL SLIDES



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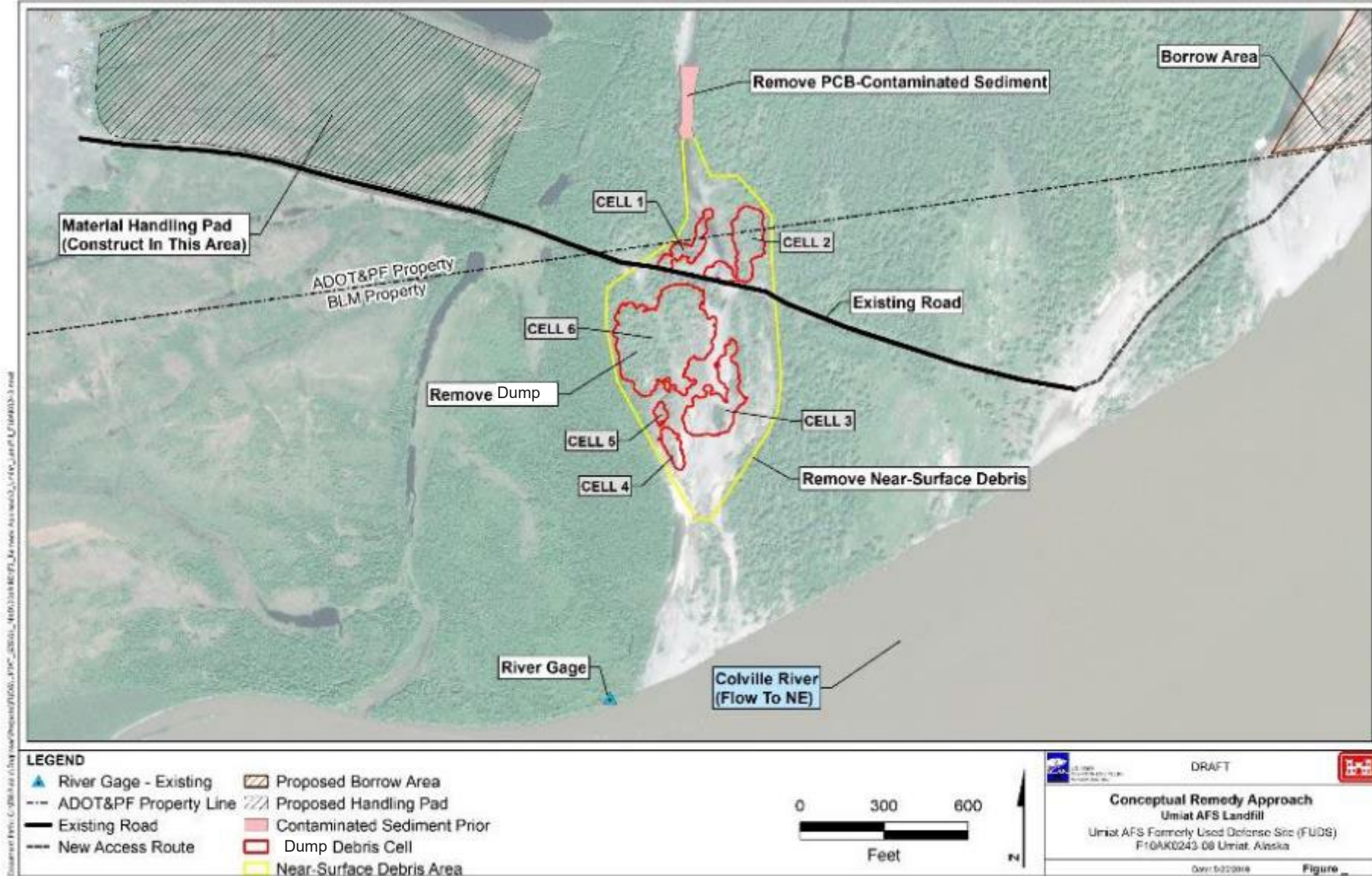
CONCEPTUAL SITE MAP





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DUMP SITE MAP





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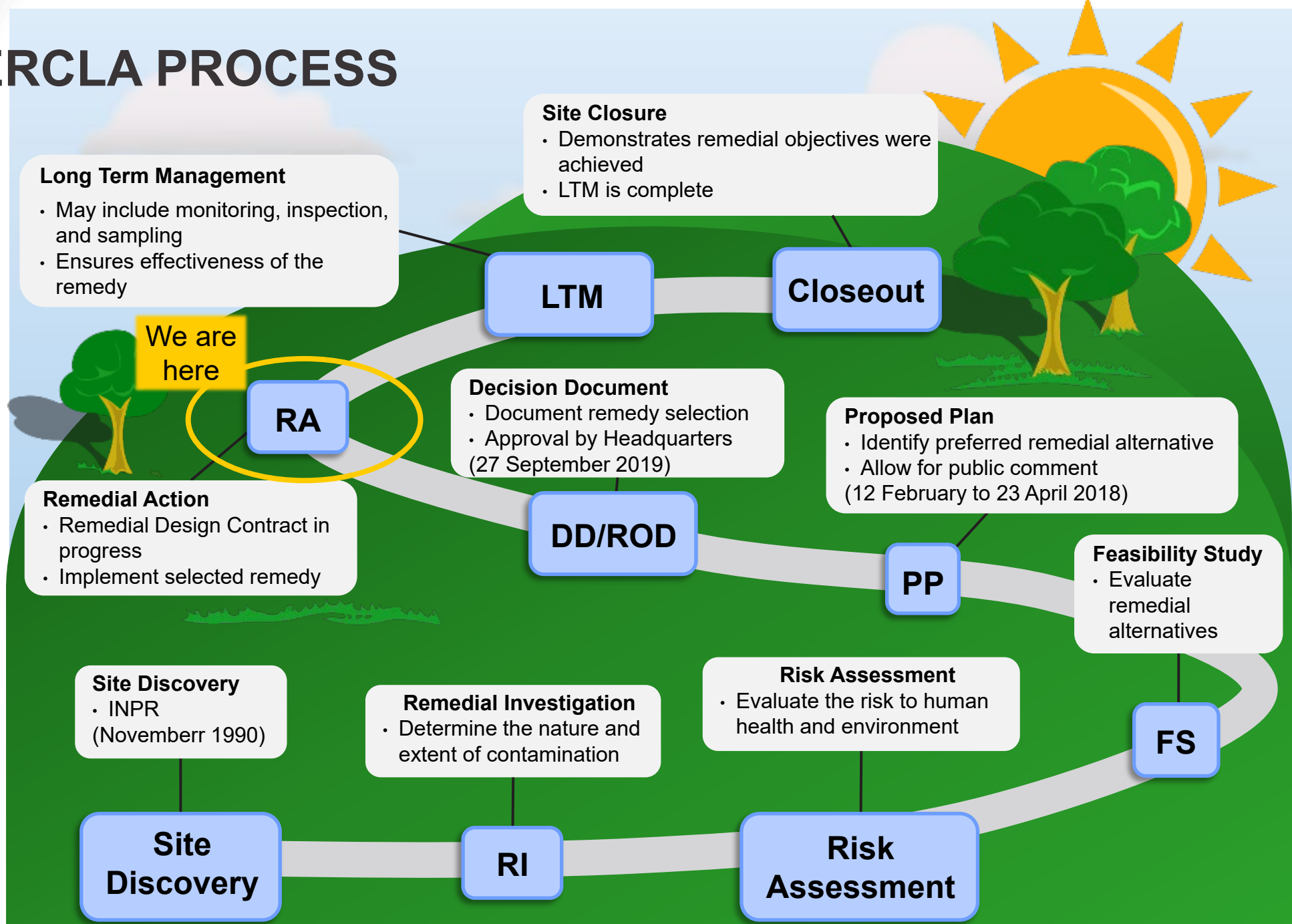
UMIAT DUMP SITE



Approximate Location Looking North (June 2019)



CERCLA PROCESS





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UMIAT SELECTED REMEDY

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- **Removal** of the dump contents from the Colville River floodplain
- **Separate** excavated material into waste streams
- Place inert debris into a newly created **monofill**
- **Offsite disposal** of hazardous substances
- **Onsite treatment** of contaminated soils, e.g., thermal treatment, landfarming, or stabilization
- **Treated soils** that meet cleanup levels may be used at the monofill, for road maintenance, or at the handling pad



CHANGES FROM PROPOSED PLAN



- Only **inert debris** to be placed into monofill
- **Onsite treatment** of contaminated soils, if feasible, using thermal treatment, landfarming, or stabilization
- **Treated soils** that meet cleanup levels may be used at the monofill, road maintenance, or at the handling pad
- Hazardous waste and contaminated soil (unable to be treated onsite) will be transported offsite for disposal
- Additional project implementation details to be addressed during **design phase**