



FINAL ADAK

Restoration Advisory Board (RAB) Meeting Minutes October 9, 2014

1. Meeting Location

The meeting was held via teleconference with participants calling in from the Bob Reeve High School Conference Room on Adak; ADEC conference room in Anchorage; NAVFAC Northwest in Silverdale, WA; and several other locations. The following people attended:

Name	Affiliation	Location
Chris Lagua	RAB member	Adak, AK
Darrell Tannehill	RAB member	Adak, AK
Elaine Smiloff	RAB member	Adak, AK
Jack Stewart	RAB member	Adak, AK
Layton Lockett	RAB member	Adak, AK
Melvin Smith	RAB member/The Aleut Corporation	Anchorage, AK
Tom Spittler	RAB member	Adak, AK
Chris Cora	*RAB member (EPA)	Seattle, WA.
Guy Warren	*RAB member (ADEC)	Anchorage, AK
Justin Peach	*RAB member (Navy Co-Chair)	Adak, AK
Eric Lehnertz	The Aleut Corporation	Colorado Springs, CO
Tracy Woo	The Aleut Corporation	Anchorage, AK
Bill Rohrer	URS	Seattle, WA
Mike Cassista	State of Alaska, DHSS	Adak, AK
Aaron Vernik	Navy RPM	Silverdale, WA
Cindy O'Hare	Navy Program Manager	Silverdale, WA
Tony Megliola	Navy BRAC PMO	San Diego, CA

*non-voting RAB member

2. Welcome and Introductions

Navy co-chair Mr. Justin Peach called the meeting to order at approximately 12:00 noon (Adak time), and introductions were made. Seven community RAB members attended, which constituted a quorum.

Mr. Peach began by reviewing the agenda and asking for changes or additions.

3. Approval of Minutes

The April 11, 2014 minutes were discussed, including a review of all Action Items.

Mr. Spitler moved approval of the minutes; Mr. Lockett seconded. Acceptance of the minutes was approved unanimously.

Mr. Woo requested that previous meeting minutes either be included when the current RAB Meeting package is mailed or a reminder be provided on where they can be located.

4. Review of Previous Action Items

Mr. Peach indicated that the first action item had been addressed by including a summary of seawall ordnance finds in the Munitions Update to be discussed under the first program summary.

Regarding the second action item, Mr. Vernik contacted an AkDOT representative about the pump system at the East Canal. AkDOT indicated that the float system for the dual pump system needs to be repaired, and they will determine if repairs can be made through AkDOT's maintenance program. In the meanwhile, AkDOT will manually activate the pumps when precipitation totals or water levels in the canal appear to be increasing.

Regarding the third action item, Mr. Lockett indicated that he will transmit the USACE correspondence regarding prioritization of the munitions sites on the southern portion of Adak Island to Mr. Peach for inclusion in the minutes. The correspondence is included as Attachment B.

5. Program Summaries

MUNITIONS UPDATE

Mr. Justin Peach presented the munitions update.

1. Operable Unit B-1

Remedial Action Completion Report

The Operable Unit B-1 (OU B-1) Remedial Action Completion Report is complete and has been signed by the EPA, ADEC, and Navy. This report signifies that all fieldwork related to munitions in OU B-1 is complete. The educational and institutional controls program continues. This document is part of the CERCLA (or Superfund) process and will be used to de-list OU B-1 from active remediation under CERCLA.

2. Operable Unit B-2

Non-Time Critical Removal Action

The Non-Time Critical Removal Action (NTCRA) is planned to be performed in 5 Remedial Action Areas (RAAs) in Parcel 4, Operable Unit B-2. The first two years of the Operable Unit B-2 (OU B-2) Non-Time Critical Removal Action (NTCRA) have been completed. All remediation is complete in RAA-02 (located on the flank of Mt Moffett above the seawall), and in RAA-04 (located on the east side of Andrew Lake above the Rec Center). All remediation but 7 acres is complete in RAA-03 in Moffett Valley. The table below summarizes the recoveries during each of the field seasons. Recoveries by RAA are shown on the attached figures. Recoveries in 2014 were about a half as many as in 2013.

Activity Description	Basis	2013	2014	Total
Intrusive Investigations	Targets	57,142	34,981	92,123
Boulder Fields Investigation	Acres	0	21.5	21.5
Seawall Sweeps	Events	6	4	10
MEC/MDEH/MPPEH Removed	Items	1,753	883	2,636
MDAS Removed	Pounds	24,496	12,961	34,457
Metal Debris Removed	Pounds	79,477	4,680	84,157

Notes:

MEC = Munitions and Explosives of Concern

MDEH = Material Documented as an Explosive Hazard

MPPEH = Material Potentially Presenting an Explosive Hazard

MDAS = Material Documented as Safe

Two additional years of field work are anticipated to complete the OU B-2 NTCRA. As detailed under the 2015 fieldwork section, work is planned in 2015 to complete RAA-03 and complete the geophysics based aspects of the clearance in RAAs-01 and -05, the former Open Burn / Open Detonation area in the center of Moffett Valley and the former Andrew Lake Disposal Area, respectively.

3. Seawall Sweeps

An action item from the previous RAB included providing a listing by month of the recoveries from the Andrew Lake Seawall Sweeps. Mr. Warren asked if a sweep was conducted at the end of the summer field season. Mr. Peach indicated that one was, but that the AAR isn't available yet. Mr. Peach indicated that he will update the above table with this information once it is available. Addressing this action item, the After Action Report was received from EOD MU 11. Twelve shell casings were collected from the seawall by EOD MU 11 in September 2014. No items containing high explosives were found. No additions to the table are necessary.

2013		
April 19	Mortar, 60mm, HE, M49	5
	Mortar, 81mm, HE, M43	10

	Projectile, 20mm, Model Unknown	1
	Projectile, 40mm, HE-T, SD, MK2	1
	Bomb, Tail, Fuze, AN-M100 (Series)	1
May 16	Mortar, 60mm, HE, M49	1
	Mortar, 81mm, HE, M43	5
June 18	Night Drift Signal, AN-MK4	1
	Mortar, 60mm, HE	1
July 16	Cartridge Case, 40mm	1
	Mortar, 81mm, Tail Fin	1
	Night Drift Signal, AN-MK4	2
	Mortar, 60mm, HE, M49A2	1
August 10	Mortar, 81mm, HE, M43A1	1
September 18	Mortar, 81mm, HE	1
2013 Total		33
2014		
May 6	Fuze, PD	1
	Mortar, 81mm, HE	2
June 5	Mortar, 81mm, HE	5
	Mortar, 60mm, HE	1
July 8	Mortar, 81mm, HE, M43A1	1
August 4	No recoveries	0
2014 Total		10
Overall Total		43

Notes:

PD = Point Detonating

HE = High Explosive

4. 2015 Field Work

The 2015 field work for continuation of the OU B-2 NTCRA has been awarded. The production work will be performed by TetraTech in 2015. The QA work will be performed by Battelle, as in previous years.

The emphasis of the work will be to complete the last 7 acres in RAA-03, and to complete the majority of the acreage in RAA-01 (the former OB/OD area in the center of Moffett Valley), and the majority of the acreage in RAA-05 (the disposal area along the Andrew Lake Seawall). The emphasis of the work in 2015 will be to focus on areas that are amenable to digital geophysical mapping (DGM) with the landfill areas and debris pits slated for a following season. The Navy anticipates approximately 45 personnel on-island to conduct the ordnance related field work. With the IC work planned (discussed below), the total number of workers planned to be brought to Adak is on the order of 50 to 55.

5. EOD MU 11

The EOD Mobile Unit 11 (Det NW Whidbey Island) was on island three times during 2014; in April to open the seawall; in August to retrieve Cartridge Activated Devices (CADs) from Finger Bay (95 CADs recovered), and in September to open the seawall spillway and perform a sweep of the seawall (no items containing HE found). Two visits are planned for 2015.

6. Record of Decision

The Record of Decision (ROD) for OU B-2 remains under development. Finalization of the ROD will follow the OU B-2 Remedial Action Completion Report or completion of the Non-Time Critical Removal Action and is several years from being completed. Because the funding for the 4th year of field work is not in place, the ROD completion date is tentative. The ROD is the document that will formalize and establish an agreement on the remediation required for OU B-2. Functionally, the remedy being presented in the ROD matches the remedy presented in the Proposed Plan that was presented to the RAB on October 10, 2012 and is the basis for the Non-Time Critical Removal Action presently underway.

7. Munitions Recoveries

Lake Jean – A mortar was found by a fisherman in Lake Jean on June 9. The mortar was an 81mm HE, M56 and was unfired (discarded military munition, DMM). The mortar was recovered and destroyed by USA Environmental (USAE).

Roberts Landfill Road (Happy Valley Road) – In January 2012, three 250 pound general purpose (GP) bombs were found during a rain event along the roadway. The bombs were destroyed by Joint Base Elmendorf Richardson (JBER) EOD personnel in 2012. The Navy, EPA, and ADEC agreed to perform an intrusive investigation in the area of the bombs using the same techniques in place in Parcel 4, taking advantage of USAE having staff and expertise on site. Six additional 100 pound GP bombs were found during this investigation and were recovered and destroyed by USAE.

Finger Bay – 95 CADs were recovered from the shoreline of Finger Bay in August 2014 by the EOD MU 11 personnel from Whidbey Island. The CADs were turned over to USAE and were rendered inert through high temperature thermal treatment. The EOD MU 11 personnel will perform a follow up sweep of the Finger Bay shoreline in the spring of 2015.

Mr. Woo asked about the duration of the TetraTech and Battelle contracts. Mr. Woo would like to learn about possible contracting opportunities for TAC to support future work on Adak. Mr. Peach committed to sharing contact information between the Navy's small business liaison and Mr. Woo. Mr. Peach indicated that the TetraTech contract has a period of performance of one year. USAE's contract is now expired. Mr. Woo also referred to reports of possible vandalism of vehicles from on-island workers, although he acknowledged that such activities could have been linked to workers at the fish processing plant.

PETROLEUM SITES UPDATE

Mr. Vernik summarized the petroleum sites update.

1. Free-Product Recovery

This project involves removing free-product from wells and sumps at the SWMU 62 and Area 303 sites including monthly boom placement and maintenance at surface water body locations near the sites. Currently, the free product recovery program is scoped and contracted to continue through September 2015. The first visit under Sealaska's new contract is scheduled for next week.

ANNUAL LONG TERM MONITORING UPDATE

Mr. Vernik discussed annual long term monitoring.

1. Groundwater Monitoring

This is an on-going, annual project. The 2014 groundwater sampling occurred in August and September 2014. The report will be generated when all of the data is received from the lab and is validated by a third party validator. The draft report is tentatively planned for delivery to the Navy on February 10, 2015.

2. Marine Monitoring

This program is on an every other (odd) year schedule. Sampling last occurred in June 2013 and is planned to occur again in June 2015.

The final technical memorandum and health advisory fact sheet for the 2013 event is available for review at the Adak City Hall office, through the Adakupdate website or by contacting Mr. Vernik if you wish to receive a copy of either of the documents. Currently, the fish/shellfish advisory for Sweeper Cove and Kuluk Bay remains in place.

3. Well Decommissioning

The report documenting the decommissioning of the approximately 200 monitoring wells, recovery wells, piezometers, oxygen probes and other monitoring points as well as the repair of 115 monitoring wells completed in 2013 has been finalized. These wells are no longer needed for the monitoring program and have been removed to minimize the potential for cross-contamination. The repair activities from the summer of 2013 included change-out of manhole bolts, the installation of bollards, replacement of concrete, and rehabilitation of several wells.

INSTITUTIONAL CONTROLS UPDATE

Mr. Vernik continued with the institutional controls update.

1. Institutional Controls (IC) / Landfill Repairs

There were no Institutional Controls / Landfill Repairs performed since the last RAB meeting. An institutional control inspection was completed as part of the annual

monitoring program in September 2014. Based on the most recent version of the Comprehensive Monitoring Plan (CMP), Revision 6, this year included minimal inspections that included the 5 year review sites, brief drive-bys of the four regulated landfills and the 5 year inspections of the OU B-1 sites. No major deficiencies were noted and there are no major issues requiring immediate responses. A draft report documenting the findings will be generated. The draft report is tentatively planned for delivery to the Navy on December 15, 2014.

Maintenance and repair activities similar in scope to those performed during 2010 to address landfill repairs and deficiencies are currently planned for the 2015 field season. A site walk was performed by the Navy and the contractor in April 2014 to review the sites where work will be performed. Planning documents are beginning to be prepared and fieldwork is tentatively scheduled for mid-May to mid-August 2015.

Mr. Vernik also indicated that approximately 6-8 people would be on island from mid-May to mid-August to support repairs to the armor rock at Metals Landfill, signage around the landfills, and fencing around Parcel 4.

2. Excavation Permits

Two new excavation notifications were received since the last RAB meeting. A summary of the requests is shown below:

- Adak Eagle Enterprises, LLC – Submitted an excavation request on April 8, 2014 for the construction of a metal warehouse building at the intersection of Main and Aerology Roads.
- Jack Stewart – Submitted an excavation request on May 10, 2014 to set two anchor points to stabilize a connex box and to clear grass and level the bottom of a ditch to set a culvert. Both projects were off of Main Road near the old bowling alley.

Mr. Vernik indicated that the excavation permit can be downloaded from the Adakupdate website and that the completed permit requests should be submitted to the Navy at least one week before construction to obtain the necessary approval.

3. IC Education / Awareness Activities

The Navy continues to solicit feedback quarterly from approximately 10 on-island businesses representatives, and local government representatives on IC needs. IC materials are mailed out as requested. In the past year, the following IC Education / Awareness items have been requested and shipped to the island for distribution:

- 860 Adak Island Maps
- 100 Travel Mugs
- 108 Munitions Awareness Coloring Books

- 100 Bookmarks
- 100 Ordnance Awareness Magnets
- 51 Munitions Awareness Posters
- 30 Adult Munitions Awareness DVDs
- 10 Children’s Munitions Awareness DVDs
- 51 Children’s Munitions Awareness Posters
- 100 Small Foam Footballs

Mr. Vernik indicated that more materials (including 480 new maps) are being sent to the island. He inquired as to whether there were any remaining maps at the Harbor Master’s office. There was no knowledge of additional maps there.

Mr. Woo indicated that TAC no longer has an identified Harbor Master.

Mr. Lockett indicated that he will call the Fuels Dock to see if there are 1-2 extra boxes of maps there. He will also let Molly (the Adak teacher) know he will deliver ordnance education DVDs to her.

Ms. Smiloff asked whether the Navy could post additional larger signs at the Metals Landfill access points. She indicated that visitors are climbing on the landfill via ATVs. Mr. Warren mentioned that there is no strict “No Entry” policy relative to the landfill, however there is a no-dig policy with the intent of protecting the integrity of the cap and ATVs certainly impact the integrity of the cap. Mr. Vernik indicated that he would try to get more signage into next summer’s repair budget and thought that there may be an unused large sign on island. Mr. Warren said that there is no prohibition about walking on the landfill, just no digging or driving on it.

6. Community Report and Comments

Mr. Peach requested an open discussion to cover any other community questions, comments, or concerns on issues not already covered. No major issues were raised.

A community member inquired on the timing to complete the OU B-2 Non-Time Critical Removal Action. Mr. Peach did indicate that a contract is not yet in-place for ordnance-related field work in 2016 and that depending on how funding is received, it could take until as late as 2018 to complete the ordnance-related field work.

7. Review New Action Items

Mr. Peach summarized new action items.

Number	Description	Responsible Person
1	Send USACE letter on ordnance prioritization ranking to Justin - Complete	Layton Lockett
2	Include link or directions to locate draft meeting minutes from previous RAB meeting in upcoming RAB meeting materials	Justin Peach
3	Add most recent EOD seawall sweep counts to monthly summary table - Complete	Justin Peach

Number	Description	Responsible Person
4	Revise the 2015 field staff total to 50-55 in the October RAB meeting minutes - Complete	Justin Peach
5	Send Tracy Woo contact information for the NAVFAC NW Small Business Liaison - Complete	Justin Peach
6	Identify the Fuel Dock Coordinator to determine if there are any remaining boxes of Adak Maps - Complete	Justin Peach
7	Investigate the possible installation of a larger sign near the Metals Landfill	Aaron Vernik

8. Preliminary Agenda for Next Meeting

Mr. Peach will send out a preliminary draft agenda approximately 4-6 weeks prior to the next scheduled RAB meeting.

9. Set Date for Next RAB and Adjourn

RAB members agreed that the date for the next scheduled RAB meeting on Adak will be Wednesday April 8, 2015.

10. Adjournment

Mr. Spitler moved to adjourn the RAB meeting; Mr. Lockett seconded. The meeting was adjourned at approximately 12:50 PM Aleutian Time.

Attachment A

Current RAB Membership – as of April 2014

Name	Affiliation	Location	Voting Member
Esther Bennett	RAB member (Community Co-Chair)	Adak, AK	1
Christopher Lagua	RAB member	Adak, AK	2
Cynthia Galaktionoff	RAB member	Adak, AK	3
Darrell Tannehill	RAB member	Adak, AK	4
Elaine Smiloff	RAB member	Adak, AK	5
Jack Stewart	RAB member	Adak, AK	6
Layton Lockett	RAB member	Adak, AK	7
Melvin Smith	RAB member	Anchorage, AK	8
Tom Spitler	RAB member	Adak, AK	9
Will Tillion	RAB member	Adak, AK	10
Chris Cora	*RAB member (EPA)	Seattle, WA	
Guy Warren	*RAB member (ADEC)	Anchorage, AK	
Justin Peach	*RAB member (Navy Co-Chair)	Silverdale, WA	

* Non-voting member

A quorum to take action will consist of 1/3 of the community RAB members.

Action items will be reviewed and approved by a 2/3 vote of RAB community members participating in the meeting.

Additional members may be added to the RAB by a quorum present and a 2/3-majority vote of present RAB community members.

Attachment B

USACE Correspondence on Prioritization of the Sites on the Southern Portion of Adak Island for Munitions Investigations



DEPARTMENT OF THE ARMY
ALASKA DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 8898
JBER, AK 99506-8898

23 December 2013

CEPOA-PM-ESP

Mr. Layton Lockett, City Manager
City of Adak
Post Office Box 2011
Adak, Alaska 99546

Re: Draft Munitions Response Site Prioritization Protocol (MRSPP) Scores, Davis Air Force Base Formerly Used Defense Site (FUDS), Adak Island, Alaska, F10AK0434

Dear Mr. Lockett

This is in response to your question at the October 9, 2013 Adak Restoration Advisory Board (RAB) meeting regarding the draft MRSPP scoresheets the Alaska District forwarded for stakeholder review in May 2013. You inquired why the Maneuver Area (F10AK0434-06), which scored an Explosive Hazard Evaluation (EHE) rating of B and a Priority of 3, was scored higher as compared to the other Munitions Response Sites' scoresheets with EHE ratings of D and Priority of 5.

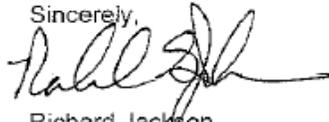
The Maneuver Area draft scoresheets reference discovery of an unexploded ordnance (UXO) item by a hiker in 1981. We did not locate any records of any UXO items being found on the other four Munitions Response Sites. Comparatively, for the Maneuver Area, this resulted in higher scoring on Tables 1 and 3.

These scoresheets are presently under review at the U.S. Army Corps of Engineers Directorate of Environmental and Munitions Center of Expertise (EM-CX). They will be further reviewed by a Department of the Army Quality Assurance panel for acceptance as final documents. Until then, please consider the scoresheets as draft documents. Once finalized, they will be provided back to stakeholders and to the RAB membership. We did change an item on page 8 of the scoresheets in response to a May 2013 comment from Alaska Department of Environmental Conservation.

This letter serves as the written response for the action item listed in the draft meeting minutes of the October 9, 2013 RAB meeting. The Community and U.S. Navy Co-Chairs are being provided a copy of this letter.

Thank you for your question and your review of these scoresheets. Should you have any additional questions please contact Ms. Jessequa Parker at (907) 753-2563 (email: jessequa.y.parker@usace.army.mil), or me at (907) 753-5646 (email: richard.g.jackson@usace.army.mil).

Sincerely,

A handwritten signature in black ink, appearing to read 'Richard Jackson', with a stylized flourish extending to the right.

Richard Jackson
Project Manager

cc:

Ms. Esther Bennett, Adak Restoration Advisory Board
Mr. Justin Peach, U.S. Navy, Adak Restoration Advisory Board
Ms. Merry Maxwell, U.S. Fish and Wildlife Service
Mr. Guy Warren, Alaska Department of Environmental Conservation