# Draft Agenda

**Adak Restoration Advisory Board**

**Wednesday, 8 October 2014**

12:00 pm Adak: Reeve’s High School Conference Room
1:00 pm Anchorage: ADEC Office and via Teleconference

**Toll free dial-in number (U.S. and Canada): 1-888-369-1427**
**Conference code: 7390661**

<table>
<thead>
<tr>
<th>Adak Time</th>
<th>Agenda Topic</th>
<th>Speaker/Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 pm</td>
<td>Welcome and Introductions</td>
<td>Esther Bennett, Community Co-Chair, Justin Peach, Navy Co-Chair</td>
</tr>
<tr>
<td></td>
<td>Approve Minutes From 9 April 2014 RAB Meeting, including a review of action items</td>
<td>RAB Members</td>
</tr>
<tr>
<td></td>
<td>Munitions Program Update</td>
<td>Justin Peach, Navy</td>
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<tr>
<td></td>
<td>Petroleum Update / Long Term Monitoring / Institutional Controls /</td>
<td>Aaron Vernik, Navy</td>
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<tr>
<td></td>
<td>Community Report/New RAB Member Discussion/Comments</td>
<td>Esther Bennett, Community Co-Chair</td>
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<td></td>
<td>Review New Action Items</td>
<td>Navy Co-Chair, All</td>
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<tr>
<td></td>
<td>Preliminary Agenda for Next Meeting and Set Date for Next RAB</td>
<td>Navy Co-Chair, All</td>
</tr>
</tbody>
</table>
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 first two years of the Operably Unit B-2 (OU B-2) Non-Time Critical Removal Action (NTCRA) has been completed. The NTCRA is planned to be performed in 5 Remedial Action Areas (RAAs) in Parcel 4, Operable Unit B-2. 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 graphics.

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

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
Seawall Sweeps
An action item from the previous RAB included providing a listing by month of the recoveries from the Andrew Lake Seawall Sweeps.

<table>
<thead>
<tr>
<th>Date</th>
<th>Item Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Apr 19</td>
<td>Mortar, 60mm, HE, M49</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Mortar, 81mm, HE, M43</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Projectile, 20mm, Model Unknown</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Projectile, 40mm, HE-T, SD, MK2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Bomb, Tail, Fuze, AN-M100 (Series)</td>
<td>1</td>
</tr>
<tr>
<td>May 16</td>
<td>Mortar, 60mm, HE, M49</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Mortar, 81mm, HE, M43</td>
<td>5</td>
</tr>
<tr>
<td>June 18</td>
<td>Night Drift Signal, AN-MK4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Mortar, 60mm, HE</td>
<td>1</td>
</tr>
<tr>
<td>July 16</td>
<td>Cartridge Case, 40mm</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Mortar, 81mm, Tail Fin</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Night Drift Signal, AN-MK4</td>
<td>2</td>
</tr>
<tr>
<td>Aug 10</td>
<td>Mortar, 81mm, HE, M49A2</td>
<td>1</td>
</tr>
<tr>
<td>Sept 18</td>
<td>Mortar, 81mm, HE</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>2013 Total</td>
<td>33</td>
</tr>
<tr>
<td>2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 6</td>
<td>Fuze, PD</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Mortar, 81mm, HE</td>
<td>2</td>
</tr>
<tr>
<td>June 5</td>
<td>Mortar, 81mm, HE</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Mortar, 60mm, HE</td>
<td>1</td>
</tr>
<tr>
<td>July 8</td>
<td>Mortar, 81mm, HE, M43A1</td>
<td>1</td>
</tr>
<tr>
<td>Aug 4</td>
<td>No recoveries</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2014 Total</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Overall Total</td>
<td>43</td>
</tr>
</tbody>
</table>

Notes:
PD = Point Detonating
HE = High Explosive
2015 Field Work

The 2015 field work 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 60 to 80 personnel on-island.

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, and in September to open the seawall spillway and perform a sweep of the seawall. Two visits are planned for 2015.

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 and is several years from being finalized. This 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.

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.
1. Free-Product Recovery

This project involves removing free-product from wells and sumps at the SWMU 62 and Area 303 sites including 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.

ANNUAL LONG TERM MONITORING UPDATE

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 contact me 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.
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 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.

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.
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
RAA-02
Weekly Status Map
For w/e Aug 16, 2014
Adak Island, Alaska
Contract No. N44255-12-C-3003

Legend
★ MEC/MDEH (Field Season 1)
★ MEC/MDEH (Field Season 2)
★ MPPEH - for processing (Field Season 2)
★ QC Seed Item Found
★ QA Seed Item Found
□ DGM Grid (196.85ft x 196.85ft)
□ Step-Out Grid (98.4ft x 98.4ft)
□ DGM QC Mini-Grid (20ft x 20ft)
□ Boulder Field (21.03 ac.)

Grid Status
 USA
 Environmental, Inc.

Drawn By: CLH Scale: 1 inch = 300 feet Rev:
Checked By: Date Drawn: 8/20/2014
Submitted By: Revision Date:

Path: S:\Adak\MXD\Field Season 2\Status Maps\Weekly\RAA02 Weekly Status Map.mxd

Data is projected to the State Plane Coordinate System: NAD 1983 StatePlane Alaska 10 FIPS 5010 Feet

Maps\Weekly\RAA02 Weekly Status Map.mxd

Contract No. N44255-12-C-3003
Boulder Field (21.03 ac.)
DGM QC Mini-Grid (20ft x 20ft)
DGM Survey Complete
QC Complete
QA Complete
RAA-02 Total Area: 73.70 ac.
RAA-03
Weekly Status Map
For w/e Aug 16, 2014
Adak Island, Alaska
Contract No. N44255-12-C-3003

Legend
★ MEC/MDEH (Field Season 1)
★ MEC/MDEH (Field Season 2)
★ MPPEH - for processing (Field Season 2)
★ QC Seed Item Found
★ QA Seed Item Found
□ DGM Grid (196.85ft x 196.85ft)
□ Step-Out Grid (98.4ft x 98.4ft)
□ DGM QC Mini-Grid (20ft x 20ft)
□ Realignment Grids

Grid Status

RAA-03 Total Area: 149.65 ac.

USA
Environmental, Inc.

[Map details and notes]

Drawn By: CLH
Scale: 1 inch = 550 feet
Reviewed By:

Checked By:
Date Drawn: 8/20/2014

USA
Environmental, Inc.

Path: S:\Adak-MRD\Field Season 2\Status Maps\Weekly\RAA03 Weekly Status Map.md
RAA-05/ALSW-01

Weekly Status Map

For w/e Aug 16, 2014

Adak Island, Alaska
Contract No. N44255-12-C-3003

Legend
★ MEC/MDEH (Previous Months)
★ MEC/MDEH (Current Month)
★ MPPEH - for processing (Current Month)
Sea Wall Boundary

Sea Wall surface sweep complete: 04 Aug, 2014
Roberts Landfill Road
Weekly Status Map
For w/e Aug 16, 2014
Adak Island, Alaska
Contract No. N44255-12-C-3003

Legend
★ MEC/MDEH (Found 2012)
★ MEC/MDEH (Field Season 2)
★ MPPEH - for processing (Field Season 2)
◇ QC Seed Item Found
◇ QA Seed Item Found
Step-Out Grid (98.4ft x 98.4ft)
DGM QC Mini-Grid (20ft x 20ft)

Grid Status
Inaccessible Grid

Roberts Landfill Road
Area Total Area: 0.37 ac.

6 bombs discovered at this location