

# OA Panel Report

4/21/2008

**Site Name:** SITE EO093 -  
OB/OD-IMPACT/TARGET  
AREAS

**Site POC:** WICKLEIN MARK

**Site Location:** ADAK AK NAF

**Stakeholder Participation:** No

**Cognizant FEC:** NWEST

**Regulatory Participation:** No

**Site Description:**

Site is a place holder for all remaining individual MRP sites. Parcel 4 is the Navy retained property on-island - a military reservation containing 5,624 acres. Parcel 4 contains all of the munitions sites with further action. Sites are potentially contaminated with MEC primarily from past use of the property as a staging area for the retaking of Kiska and Attu from Japanese occupation forces during WW II era. There are two operable units for munitions, OUB-1 and OUB-2. There is a ROD for OU B-1 executed in 2001. There are 155 OU B-1 sites, but only 4 sites have further action (Lake Jean LJ-01, Mount Moffett (MM) MM-10F, MM-10G and MM-H) for a total of about 370 acres. CTC for the OU B-1 sites is approximately \$27M and remedial action complete is anticipated in 2010. There are 24 OU B-2 sites - 18 with further action. Total area of OU B-2 sites with further action is about 1,500. A remedial investigation to fill data gaps is anticipated for 2008. ROD anticipated in 2010 or 2011. CTC for the OUB-2 sites is approximately \$46M but could be much higher depending on the selected remedy. Remedial action complete is anticipated by 2016.

**Factors Affecting the Change in MRS Priority:**

Site previously had an Evaluation Pending priority

**Reason for Addressing the MRSP Site out of Sequence:**

Not Out of Sequence

Summary		
<b>Overall MRS Priority:</b> 28		<b>MRS Priority Source:</b>
<b>EHE Priority:</b> 4	<b>EHE Rating:</b> C	<b>EHE Score:</b> 81
<b>CHE Priority:</b> NH	<b>CHE Rating:</b>	<b>CHE Score:</b>
<b>HHE Priority:</b> EP	<b>HHE Rating:</b>	<b>HHE Priority Source:</b>

**English Panel Item Data Elements**

**Table 1**  
**EHE Module: Munitions Type Data Element Table**

Classification	Score
<i>Sensitive;</i>	30
<i>High explosive (used or damaged);</i>	25
<i>Pyrotechnic (used or damaged);</i>	20
<i>High explosive (unused);</i>	15
<i>Bulk secondary high explosives, pyrotechnics, or propellant;</i>	10
<i>Practice;</i>	5
<i>Riot control;</i>	3
<i>Small arms;</i>	2
<b>Munitions Type</b>	<b>30</b>

**Description:**

Rocket grenades, mortars, OB-OD, flares, markers, buried caches of munitions.

**Table 2**

**EHE Module: Source of Hazard Data Element Table**

<b>Classification</b>	<b>Score</b>
<i>Former range;</i>	10
<i>Former munitions treatment (i.e., OB/OD) unit;</i>	8
<i>Former maneuver area;</i>	5
<i>Former burial pit or other disposal area;</i>	5
<i>Former firing points;</i>	4
<i>Former storage and transfer points;</i>	2
<i>Former Small arms;</i>	1
<b>Source of Hazard</b>	<b>10</b>

**Description:**

N/A

**Accountability Factor Data Elements**

**Table 3**  
**EHE Module: Location of Munitions Data Element Table**

<b>Classification</b>	<b>Score</b>
<i>Confirmed surface;</i>	25
<i>Confirmed subsurface, active;</i>	20
<i>Small arms (regardless of location);</i>	1
<b>Location of Munitions</b>	<b>25</b>

**Description:**

Checked if confirmed not just suspected.

**Table 4**  
**EHE Module: Ease of Access Data Element Table**

<b>Classification</b>	<b>Score</b>
<i>No Barrier;</i>	10
<b>Ease of Access</b>	<b>10</b>

**Description:**

There are no barriers to Parcel 4 access. However, there are deterrents\educational awareness such as locked gates, barbed wire fences, warning signs, video at the airport, hiking trail maps.

**Table 5**  
**EHE Module: Status of Property Data Element Table**

<b>Classification</b>	<b>Score</b>
<i>DoD control;</i>	0
<b>Status of Property</b>	<b>0</b>

**Description:**

There are no barriers to Parcel 4 access. However, there are deterrents\educational awareness such as locked gates, barbed

wire fences, warning signs, video at the airport, hiking trail maps.

**EHE Module Data Elements**

**Table 6**  
**EHE Module: Population Density Data Element Table**

Classification	Score
< 100 persons per square mile;	1
<b>Population Density</b>	<b>1</b>
<b>Description:</b>	
N/A	

**Table 7**  
**EHE Module: Population Near Hazard Data Element Table**

Classification	Score
0 inhabited structures;	0
<b>Population Near Hazard</b>	<b>0</b>
<b>Description:</b>	
No buildings or inhabitants within two miles of the site.	

**Table 8**  
**EHE Module: Types of Activities/Structures Data Element Table**

Classification	Score
Residential, educational, commercial, or subsistence;	5
Parks and recreational areas;	4
No known or recurring activities;	1
<b>Types of Activities/Structures</b>	<b>5</b>
<b>Description:</b>	
Subsistence environment within two miles of the site. Future land use is subsistence, recreation, wildlife management.	

**Table 9**  
**EHE Module: Ecological and/or Cultural Resources Data Element Table**

Classification	Score
No known or recurring activities;	0
<b>Ecological and/or Cultural Resources</b>	<b>0</b>
<b>Description:</b>	
There are no threatened or endangered species known to exist on Parcel 4. Some species may use Parcel 4 as a stop-over to other destinations. Cultural resources are known to exist on property that has been cleared.	

**EHE Priority: NH      CHE Score:      CHE Rating:**

**CWM Configuration Data Elements**

**Table 11**  
**CHE Module: CWM Configuration Data Element Table**

<b>Classification</b>	<b>Score</b>
<i>Evidence of no CWM;</i>	0
<b>CWM Configuration</b>	<b>0</b>

**Description:**

Sites were evaluated for chemicals via the Archive Search report (1998) and subsequent investigative field work. No CWM sites were found.

**Table 12**  
**CHE Module: Sources of CWM Data Element Table**

<b>Classification</b>	<b>Score</b>
<i>Evidence of no CWM;</i>	0
<b>CWM Configuration</b>	<b>0</b>

**Description:**

N/A

**Accessibility Factor Data Elements**

**Table 13**  
**CHE Module: Location of CWM Data Element Table**

<b>Classification</b>	<b>Score</b>
<i>Evidence of no CWM;</i>	0
<b>Location of CWM</b>	<b>0</b>

**Description:**

N/A

**Table 14**  
**CHE Module: Ease of Access Data Element Table**

<b>Classification</b>	<b>Score</b>
<i>No Barrier;</i>	10
<b>Ease of Access</b>	<b>10</b>

**Description:**

There are no barriers to Parcel 4 access. However, there are deterrents\educational awareness such as locked gates, barbed wire fences, warning signs, video at the airport, hiking trail maps.

**Table 15**  
**CHE Module: Status of Property Data Element Table**

Classification	Score
<i>DoD control;</i>	0
<b>Status of Property</b>	<b>0</b>

**Description:**

There are no barriers to Parcel 4 access. However, there are deterrents\educational awareness such as locked gates, barbed wire fences, warning signs, video at the airport, hiking trail maps.

**Receptor Factor Data Elements**

**Table 16**  
***CHE Module: Population Density Data Element Table***

Classification	Score
<i>&lt; 100 persons per square mile;</i>	1
<b>Population Density</b>	<b>1</b>

**Description:**

N/A

**Table 17**  
***CHE Module: Population Near Hazard Data Element Table***

Classification	Score
<i>0 inhabited structures;</i>	0
<b>Population Near Hazard</b>	<b>0</b>

**Description:**

No buildings or inhabitants within two miles of the site.

**Table 18**  
***CHE Module: Types of Activities/Structures Data Element Table***

Classification	Score
<i>Residential, educational, commercial, or subsistence;</i>	5
<i>Parks and recreational areas;</i>	4
<i>No known or recurring activities;</i>	1
<b>Types of Activities/Structure</b>	<b>5</b>

**Description:**

Subsistence environment within two miles of the site. Future land use is subsistence, recreation, wildlife management.

**Table 19**  
***CHE Module: Ecological and/or Cultural Resources Data Element Table***

Classification	Score
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No known or recurring activities;

0

Ecological and/or Cultural Resources

0

**Description:**

There are no threatened or endangered species known to exist on Parcel 4. Some species may use Parcel 4 as a stop-over to other destinations. Cultural resources are known to exist on property that has been cleared.



**Health Hazard Priority:** EP

**Receptor Description:**

OU A: MC contamination in all media (surface and subsurface soils, freshwater sediments, and surface water) have been assessed in the OU A RI/FS and Preliminary Screening Evaluations that preceeded the OU A RI/FS. No further action was determined for these sites based on sampling results from OB/OD and downgradient media which were assumed to be the most highly contaminated areas. Focus of the remainder of the EO093 site is explosive hazard associated with potential ordnance contamination.

The OU A RI/FS included a human health and ecological risk assessment that lead to a no further action decision that was documented in the OU A RoD.

OU B-2 : Supplemental RIFS planned for 2008. General results are as follows:

Explosive Safety: Additional data is necessary to addres data gaps identified for OUB-2 to evaluate explosive safety risk. Receptor is direct contact with subsistance hunter/gatherer and hiker.

Chemical

**Pathway Description:** N/A

***Groundwater***

**CHF:** 0

**MPF:**

**RF:**

**Rating:** NE

**Priority:** NE

**Migration Pathway Factor Desc:**

N/A

**Receptor Factor Desc:**

N/A

***Surface Water Human***

**CHF:** 0

**MPF:**

**RF:**

**Rating:** NE

**Priority:** NE

**Migration Pathway Factor Desc:**

N/A

**Receptor Factor Desc:**



**Receptor Factor Desc:**

Screening level risk assessment performed and the below CPOCs exceeded EPA Region 10 RBCs and Adak background concentrations in localized areas.