

# RVAAP-45 WET STORAGE AREA

## SITE DESCRIPTION

This AOC was used from 1941 to 1945 to store (in igloos) lead azide, mercury fulminate and tetryl. The product was stored in water-filled drums. There is no documentation concerning any spills in the area. The surface soil pathway is considered complete.

Five surface soil samples were collected from the AOC and analyzed for explosives and metals. One sample was collected outside the door, just off of the edge of the concrete pad from each of the five buildings used for storage, or from the soil immediately below a discharge from a floor drain. The most significant contaminant concentrations were from lead (3,100ppm), mercury (49ppm) and cadmium (41ppm).

The buildings were thermally treated in spring 2003.

## CLEANUP STRATEGY

This AOC will be transferred to OHARNG in FY09+.

A characterization report for fourteen AOCs, including this AOC, is due in December 2005. This report will be used to procure a future PBC for the remaining AOCs at RVAAP. This PBC will take these AOCs to RIP/RC.

Soil removal is anticipated. Future use by the OHARNG consists of dismantled training without digging.

All foundations and footings (to 1 ft bgs) may be removed. Flushing and grouting or removal of the underground utilities will be done as needed (funding source to be determined).

## STATUS

**REGULATORY:** CERCLA  
**RRSE:** Low  
**CONTAMINANTS:**  
 Metals, Lead Azide, Mercury Fulminate, Tetryl  
**MEDIA OF CONCERN:** Soil

PHASES	Start	End
PA .....	199802 .....	199806
SI .....	199807 .....	199807
RI .....	200408 .....	200904
RD .....	200901 .....	200906
RA(C).....	200906 .....	201006
LTM.....	201010 .....	201103

**RC Expected: 201006**

