

**SITE DESCRIPTION**

This AOC was used to assemble booster charges for artillery projectiles between 1941 and 1945. Load Line 7 was deactivated and the equipment was removed in 1945. The LL-7 was used again in 1969 and 1970 to produce 40mm projectiles, and between 1989 and 1993 the LL-7 Pink Water Treatment Plant was in operation.

The relative risk AOC evaluation was completed in 1998 by USACHPPM. The surface soil and groundwater pathways are considered complete. Six surface soil samples were collected from outside of the production buildings and analyzed for explosives and metals. The sampling locations were selected based on the production use. Emphasis was placed on areas around production and explosive storage buildings. One sediment sample was scheduled to be collected from one of the settling ponds at the AOC, but no settling ponds or other sediment pathways were evident.

One screening groundwater sample was collected north-northwest of Building 1B-2 (down gradient by surface topography) and analyzed for explosives and metals. The groundwater was collected from between 8 and 9 feet bgs. Significant concentrations of lead (maximum 2,000 ppm) and low concentrations of explosives, HMX, RDX and 2, 4, 6 TNT, were found in the surface soils.

The structures in the load line must be removed for future use by the OHARNG. Explosively contaminated buildings must be desensitized using a thermal decomposition process. To prepare for thermal decomposition (TD) of the buildings, transite siding, paint chips, floor sweepings, mercury switches, PCB light ballasts, and other hazardous materials will have to be removed from the buildings where explosive hazards do not pose an unreasonable risk. USEPA must approve thermal decomposition of buildings containing paints with greater than 50 ppm PCBs. The length of time the agency will need is uncertain as the project must undergo a lengthy review process. The restoration program is not funding the TD.

**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.

Thermal treatment of buildings will be conducted (non-ER,A funds). A RD/RA such as soil removal may be needed. Future use by the OHARNG consists of mounted training with no digging

**STATUS**

**REGULATORY:** CERCLA

**RRSE:** Low

**CONTAMINANTS:** Explosives, Metals

**MEDIA OF CONCERN:** Soil, Groundwater, Sediment, Surface Water

<b>PHASES</b>	<b>Start</b>	<b>End</b>
PA .....	199802 .....	199806
SI .....	199807 .....	199807
<b>RI .....</b>	<b>200408 .....</b>	<b>201002</b>
RD .....	200910 .....	201003
RA(C).....	201003 .....	201009
LTM.....	201010 .....	201509

**RC Expected: 201009**

# RVAAP-40

## LOAD LINE 7 (PAGE 2 OF 2)

allowed. Land Use Controls may be needed. LTM consist of groundwater monitoring of six wells for five years.

All foundations and footings (to 1 ft bgs) will be removed. Flushing and grouting or removal of the underground utilities will be done as needed (funding source to be determined). Removal of five lead lined sumps and three hundred feet of associated piping and soils is anticipated in the IRP.

