

RVAAP-42 LOAD LINE 9

SITE DESCRIPTION

This AOC operated from 1941 to 1945 to produce detonators. Load Line 9 was deactivated and its equipment removed in 1945.

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 the buildings that were used to process and store the lead azide and tetryl. One sediment sample was originally going to be collected from one of the settling ponds at the AOC, but no settling ponds or other sediment pathways were evident. Subsurface soil data collected for RVAAP-26, Fuze and Booster Area Settling Tanks during the first RRSE, was used to score the groundwater pathway at the AOC. The subsurface soil used to estimate the groundwater pathway was collected adjacent to the settling tank on the east side of Building DT-5. Lead was the only contaminant that exceeded the RRSE standard concentration in the surface soil. No explosives were detected during the RRSE sampling. Limited samples taken in 2000 detected low levels (below 2%) of lead azide in sediment and surface water in the sumps. The buildings were thermally treated and the remaining structures removed in 2003. The Phase I RI field work was completed in November 2003.

CLEANUP STRATEGY

This AOC will be transferred to OHARNG in FY09+. The Preliminary Draft RI report is scheduled for November 2006. The Record of Decision is scheduled for August 2008. 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 is to be determined). Removal of lead lined sumps and soil is anticipated in the IRP. LTM consists of land use controls and groundwater monitoring of seven wells for five years. Future use by the OHARNG consists of mounted training with no digging.

STATUS

REGULATORY: CERCLA
RRSE: Medium
CONTAMINANTS: Explosives, Metals
MEDIA OF CONCERN: Soil, Groundwater, Surface Water, Sediment

PHASES	Start	End
PA	199802	199806
SI	199807	199807
RI	200208	200809
RD	200805	200901
RA(C).....	200901	201003
LTM.....	201003	201503

RC Expected: 201003

