

OPEN DEMOLITION AREA #1

SITE DESCRIPTION

This is a 6 acre AOC that was used for the purpose of thermal treatment of munitions by burning and detonation. The AOC consists of a circular 1 to 1.5 ft berm surrounding a grassy area ~1 to 1.5 acres in size and a pushout area. Operations took place in ~8 foot deep unlined pits. The whole AOC is within the NACA Test Area (RVAAP-38). Contaminants of concern at this AOC include explosive compounds and metals. There is potential for release of contaminants from this unit to the surrounding soils and groundwater. Munitions fragments, including scrap metal, small arms primers, and fuzes, were found outside the bermed area. The AOC was operational from 1941 through 1949 (Jacobs Engineering 1989).

The Phase I RI field work was completed at the site in Oct 1999 and was finalized in 2002. An IRA was started in Nov 2000 and was conducted along with a project funded by OSC to remove UXO from the site. The purpose of the IRA was to remove obvious surface contamination that could pose an immediate risk to human health and the environment. These hot spots are located primarily in an area outside the horseshoe where munitions and scrap were pushed after detonation. The IRA field work was completed in Jul 2001, removing ~83,000 lbs of ordnance explosive waste and UXO.

Groundwater monitoring at this AOC will be addressed under NACA Test Area (RVAAP-38).

STATUS

RRSE RATING:

High

CONTAMINANTS:

Explosives, Metals

MEDIA OF CONCERN:

Soil

COMPLETED IRP PHASE:

PA/SI, RI, IRA

CURRENT IRP PHASE:

RC