

RVAAP-28

MUSTARD AGENT BURIAL SITE

SITE DESCRIPTION

This unit is a possible mustard agent burial AOC ~15 x 18 ft and is triangularly shaped. In 1969, records indicate that an EOD Unit excavated a suspected mustard agent burial AOC near the west end of the NACA runway. One 190-liter (50 gallon) drum and seven rusty canisters were recovered. All recovered items were empty and no contamination was discovered. Following this excavation, an unidentified and undocumented source reported that the AOC had not been correctly identified and was actually in an adjacent area.

This additional area (~15 x 18 ft) is located southwest of the original area. The area is now marked by reflective Seibert stakes. Two non-intrusive, geophysical surveys (EM-31, and EM-61) of the AOC were completed in 1998. Several areas were identified with metallic responses. Some, if not all, may be related to cultural features at or near the surface. Soil samples taken in 1998 found no thiodiglycol (mustard breakdown product). There was no sign of disturbed soils or numerous buried metallic objects that would clearly delineate a formal burial AOC.

Groundwater samples were collected to test for mustard and mustard breakdown products in 2004. No mustard or mustard breakdown products were found. The Preliminary Draft Groundwater Investigation Report was submitted in February 2005. This AOC was transferred in May 1999.

CLEANUP STRATEGY

A Final Groundwater Investigation and No Further Action Record of Decision are expected December 2007. Future land use will be restricted access - no digging, marked by Seibert stakes.

