

RVAAP-05

WINKLEPECK BURNING GROUNDS

SITE DESCRIPTION

The total burning ground area consists of 200 acres and has been in operation since 1948. Prior to 1980, open burning was carried out in pits, pads, and sometimes on the roads within the 200 acre area. Burning was conducted on the bare ground and the ash was abandoned at the AOC. Prior to 1980, wastes treated in the area included RDX, antimony sulfide, Composition B, lead azide, TNT, propellants, black powder, waste oils, sludge from the load lines, domestic wastes and small amounts of laboratory chemicals. Munitions and explosive constituents (MEC) (primarily scrap metal) are present at the AOC. From 1980-98, burns of scrap explosives, propellants and explosive-contaminated materials were conducted in raised refractory-lined trays within a 1.5 acre area.

STATUS

REGULATORY: CERCLA
RRSE: High
CONTAMINANTS: Explosives, Metals, SVOCs
MEDIA OF CONCERN: Soil, Groundwater

PHASES	Start	End
PA.....	198802.....	198804
SI.....	198906.....	198906
RI.....	199410.....	200608
RD.....	200603.....	200608
RA(C).....	200608.....	200701
LTM.....	200810.....	201409
RC Expected: 200701		

The Part B permit application covering the active portion of the AOC was withdrawn in 1994. The burn trays along with the 90-day storage unit, Building 1601, were closed in accordance with Ohio EPA guidance in 1998.

The Phase II RI Report includes facility-wide background levels, as well as human health and ecological risk assessments. Additional field studies were conducted in FY00 at Winklepeck and RVAAP reference locations to more accurately define the risk to ecological receptors at the AOC. The Draft Ecological Field Truthing report was submitted in April 2001. This Eco report has undergone revisions and is currently undergoing finalization. Phase III RI fieldwork was completed in fall 2000; the Final report will be submitted in March 2005. The Final Focused Feasibility Study was submitted in February 2005. Explosive contamination has been found in some monitoring wells.

CLEANUP STRATEGY

This AOC has an increased priority for action in order to expedite property transfer to the NGB. This AOC will be transferred in FY06.



The proposed future land use is a Mark 19 (grenade machine gun) Range. The Focused Feasibility Study found five areas within the AOC that require soil remediation for explosives and heavy metals due to unacceptable human health risks. There was MEC and soil removal in 2005 with OMA funds, to allow construction of the Mark 19 Range. Additional soil contamination was found that requires removal in FY06. Groundwater monitoring will follow for five years after remediation is complete.