

RVAAP-01

RAMSDELL QUARRY LANDFILL

SITE DESCRIPTION

The Ramsdell Quarry Landfill is an unlined, 10-acre landfill in the bottom of an abandoned quarry. Water is ponded in the northern end of the quarry. During the period 1946 to 1950, the AOC was used to thermally treat waste explosives and napalm bombs. No historical information has been located for the period of 1950-1976. From 1976 to 1990, the AOC was used strictly as a non-hazardous solid waste landfill. A portion of the AOC was permitted as a sanitary landfill by the state of Ohio from 1978 until its closure in 1990. The landfill is regulated under RCRA while the remaining portion of the quarry is regulated under CERCLA.

Because this unit is unlined, there is potential for releases from the landfill to surrounding soils and groundwater. Five groundwater monitoring wells were installed around the landfill perimeter in 1988. The wells are monitored on a regular basis as part of the landfill closure requirements. New wells were installed in 1998 to further investigate the nature and extent of groundwater contamination at the landfill. A report of findings was published in October 1998. Low levels of explosives and metals have been detected in groundwater.

Additional wells were installed and soil, sediment and surface water samples were taken in fall 2003 to further determine the nature and extent of the contamination of the CERCLA portion of the quarry. A preliminary draft report on the findings was submitted in August 2004. This is one of the six AOCs in the PBC for FY05. The groundwater unit was transferred from RCRA solid waste program to CERCLA in February 2005. This is one of the six AOCs in the FY05 PBC.

CLEANUP STRATEGY

This AOC will be transferred to OHARNG in FY07. It will be Response Complete by September 2007. Five years of groundwater monitoring will follow; Cap Maintenance will continue until 2020 (OMA Funded). Future use by the OHARNG will be restricted access - no digging. Land Use Controls will be needed.

STATUS

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

PHASES	Start	End
PA	198802	198804
SI	198906	198906
RI	200306	200611
RA(C).....	200506.....	200709
LTM.....	200710	202109
RC Expected: 200709		

