

United States Environmental Protection Agency
Region III
POLLUTION REPORT

Date: Friday, August 15, 2008

From: Myles Bartos

Subject: Crozet Arsenic Site
Orchard Acres Subdivision, Crozet, VA
Latitude: 38.0360985
Longitude: -78.7759559

POLREP No.:	21	Site #:	A3R4
Reporting Period:	Aug 1- 7	D.O. #:	
Start Date:		Response Authority:	CERCLA
Mob Date:	4/30/2007	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	
RCRIS ID #:			

Site Description

The Site is a former orchard area that has had residential development. Prior to an EPA ban in 1972, a variety of pesticides including lead-arsenates and DDT compounds were applied.

EPA conducted a removal action at one property at the Crozet Arsenic Site in Crozet, Virginia. Historical sampling indicated that additional properties may need removal work.

To date, twelve properties have had removal work due to arsenic concentrations above 58 mg/kg.

One property continues to have removal work done. Phytoremediation is being used to remove the arsenic contamination.

Current Activities

EPA and ERRS mobilized to the site to repair damage to the irrigation (solar and gravity) system.

ERRS also removed unwanted vegetation that competes with the ferns for water from the irrigation system.

Planned Removal Actions

Low rain fall in recent weeks has created droughtlike condidtions. EPA determined that the ferns are not getting enough water to be effective in extracting arsenic from the soil.

ERRS will mobilize a water truck to bring water to the holidng tanks from an outside source.

Next Steps

EPA will contact the Albemarle County Parks Department and request permission to extract water from Mint Springs Park (1 mile from the site) and deposit it in the holding tanks.

response.epa.gov/Crozet-Arsenic