

**United States Environmental Protection Agency
Region III
POLLUTION REPORT**

Date: Wednesday, August 27, 2008

From: Myles Bartos

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

POLREP No.:	22	Site #:	A3R4
Reporting Period:	Aug 18-21	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 gained permission to extract water from Mint Springs Park for use in the irrigation system. Access was granted by the County.

EPA and ERRS mobilized to the Site on Aug 18.

ERRS transported 7 truckloads of water (approximately 14,000 gallons) from Mint Springs Park to the Site's holding tanks.

The water was distributed to 9 of the plots on a continuous basis. These 9 plots were the ones with the dryest soil conditions.

Next Steps

EPA and ERRS will harvest and dispose of the ferns at the end of the growing season.

EPA will collect soil samples to determine the arsenic concentrations and to determine if any additional action is necessary.

response.epa.gov/Crozet-Arsenic