

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

Date: Friday, December 18, 2009
From: Dave Andrews, On-Scene Coordinator

Subject: Disposal of Contaminated Stockpiles
Crowders Mountain State Park Drum Site
616 Ross Road, Kings Mountain, NC
Latitude: 35.2325610
Longitude: -81.2869670

POLREP No.:	4	Site #:	B417
Reporting Period:		D.O. #:	0704-F4-0069
Start Date:	9/17/2009	Response Authority:	CERCLA
Mob Date:	9/16/2009	Response Type:	Emergency
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	NCS000000478	Contract #	EP-S4-07-04
RCRIS ID #:			

Site Description

EPA Region 4 On Scene Coordinator initiated an emergency response action at the Crowders Mountain State Park after discovering numerous abandoned drums during a Removal Site Evaluation. Orphaned drums, containing product, are scattered about the site. Drums are in poor, dilapidated condition, unidentifiable or without legible markings. Located on the two-acre site are several open excavation pits and three stockpiles of soil/crushed drums & debris with contamination that tested as RCRA Hazardous or above TCLP concentrations for lead and VOCs.

Residential properties and a creek border the site. The OSC documented that erosion and sedimentation countermeasures were not in place. Organic vapors were identified in the ambient air throughout site. Source contamination was tentatively identified as miscellaneous paint/lacquers/organic solvents.

ERRS and START contractors were mobilized on 9/16/09 to support the response efforts.

Current Activities

ERRS completed treatment, off-site shipment, and disposal of the three stockpiles (measuring approximately 1800 cu yards) of contaminated soil with triple superphosphate (TSP) (2.5% Fe + 1% P-TSP) fertilizer to stabilize lead and VOCs to below TCLP and Land Band concentration levels. 43 off-site shipments to a Subtitle-D landfill took place on November 6,7 and 9, 2009.

EPA Science and Ecosystems Division (SESD) completed a geophysical survey using a magnetometer on November 17, 2009 and composed a map that identifies potential locations of the remaining buried stockpiles of drums.

Planned Removal Actions

Contract support by ERRS and START have demobed from the site pending approval to amend funding through a Ceiling Increase Action Memorandum.

Next Steps

Security will remain on site through the end of the year and the first week of 2010.

Removal work will recommence pending additional funding approval.

Key Issues

None at this time.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining

Extramural Costs				
ERRS - Cleanup Contractor	\$200,000.00	\$199,873.54	\$126.46	0.06%
TAT/START	\$38,967.00	\$37,756.64	\$1,210.36	3.11%
Intramural Costs				
Total Site Costs	\$238,967.00	\$237,630.18	\$1,336.82	0.56%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

Three stockpiles of contaminated soil & debris were treated with superphosphate fertilizer (TSP) to stabilize lead and Toluene and disposed at Subtitle-D facility. Disposal took place on November 6,7 & 9, 2009 and 43 truck-loads to the land-fill at a cost of approximately \$24,534.74.

Waste Stream	Quantity	Manifest #	Disposal Facility
Contaminated soil & debris - Pb and VOC.	721.61 Tons	Nos. 001 thru 043; Nov 6,7 & 9,2009	Foothills Environmental Landfill Solid Waste Permit No. 14-03 2800 Cheraw Lenoir, NC 28645

response.epa.gov/CrowdersMountainStateParkDrums

POLREP #4 Last Updated 2/16/2010