

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Thursday, March 25, 2010
From: Dave Andrews, On-Scene Coordinator

Subject: Waste Treatment and Disposal Coordination
Crowders Mountain State Park Drum Site
616 Ross Road, Kings Mountain, NC
Latitude: 35.2325610
Longitude: -81.2869670

POLREP No.:	8	Site #:	B417
Reporting Period:		D.O. #:	0704-F4-0069
Start Date:	9/17/2009	Response Authority:	CERCLA
Mob Date:	9/16/2009	Response Type:	Time-Critical
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 continues preparation for off-site shipment and disposal of an estimated 1500 cubic yards of VOC & lead contaminated soil and debris and 47 overpacked drums of waste during this reporting period. Other free product from decayed drums are being packaged in cubic-yard boxes for transportation to disposal.. ERRS has treated the contaminated stockpile with triple superphosphate (TSP) (2.5% Fe + 1% P-TSP) fertilizer to stabilize lead and toluene to below TCLP and Land Ban concentration levels. START is conducting confirmatory surface soil sampling in grids that overlay areas where drum recovery operations took place and continues work-zone air monitoring while waste materials continue to be handled

Planned Removal Actions

ERRS is awaiting analytical data to confirm if the treatment goals for the contaminated soil-debris stockpiles have been met: TCLP Pb < 5 ppm & VOCs < 100 ppm. Off-Site shipment will be expedited upon receipt of the data.

Next Steps

Pending analytical results, prepare for off-site shipment of the soil and schedule pick-up of the containerized waste stream.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$600,000.00	\$535,000.00	\$65,000.00	10.83%

TAT/START	\$100,000.00	\$72,273.00	\$27,727.00	27.73%
Intramural Costs				
Total Site Costs	\$700,000.00	\$607,273.00	\$92,727.00	13.25%

* 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 #8 Last Updated 7/19/2010