

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Tuesday, March 15, 2011

From: David Andrews, OSC

Subject: Grade & Diversion Drainage Construction Completed
Smokey Mountain Smelters
1508 Maryville Pike, Knoxville, TN
Latitude: 35.9191830
Longitude: -83.9264810

POLREP No.:	12	Site #:	A4MD
Reporting Period:		D.O. #:	00088
Start Date:	6/8/2010	Response Authority:	CERCLA
Mob Date:	6/8/2010	Response Type:	Time-Critical
Demob Date:		NPL Status:	NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	TND098071061	Contract #	EPS40704
RCRIS ID #:			

Site Description

See POLREP #1 for site description and background information.

Current Activities

Work continues on grading the site for optimum surface water drainage and preparation for installation of the clay cap on top of the aluminum smelting waste piles. Clearing and grubbing of the southern site area (Rimmer Brothers property) was completed, and the drainage channel for that area was improved by deepening it and lining it with rip-rap made from concrete already on-site.

Construction of erosion and drainage controls and dismantling and decontamination of an underground storage tank (UST) has been completed. Recent weather (heavy rain) have saturated the soils and continue to make site conditions difficult for managing heavy equipment.

Grade adjustment of the saltcake pile and construction of the diversion channels have been completed as of March 21, 2011.

Planned Removal Actions

Installation of the clay and top-soil cap followed by seeding and establishment of a vegetative cover.

Disposition of Wastes

Disposal consisted of several phases which included:

- 1-) Segregation of scrap iron and sheet metal from the demolition of the main building and off-site shipment for metal recycling.
- 2-) Disposal of the non-recoverable rubble/demolition debris.
- 3-) Scrap tire disposal.
- 4-) Approx 900 gallons oil/water mix recovered from a 20,000 gallon UST unearthed during site grading.
- 5-) At this time, the aluminum smelter waste ("saltcake") has been evaluated as not containing enough recoverable material to ship off-site for process & dispose in a feasible manner under the current removal budget.