

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

Date: Monday, January 24, 2011

From: David Andrews, OSC

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

POLREP No.:	10	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

Production of rip-rap from concrete that was scrapped from the building demolition and site-clearing. Rip rap/ concrete boulders transferred across site and installed on the trenches excavated along the southern rim of the waste pile and site.

Excavation and reflection (“indentation”) of the leachate outfall at the extreme southern toe (Remmer Brothers property) has been completed. The indentation is part of the pre-capping design to modify flow from the outfall.

A hydrogeologist from the Environmental Response Team (ERT) visited the site to consult with the OSC and RPM regarding current removal and future remedial activity anticipated at the site. Specifically, what may have been the native drainage/springs across (under) the site and what considerations that may optimize remedial actions after the removal phase is completed.

Approximately 4,000-gallons of fuel oil was transferred out of a UST and into a poly-frac-tank for oil/water separation. The tank was discovered under the waste pile in the Fall 2010. After the oil/water phases out the oil will be shipped off-site to a used oil vendor.

Fallen trees and brush have been staged for future installation along the rim of the site. The brush will serve as a decaying barrier and amend erosion control per the cap design

Planned Removal Actions

Continue site grade and drainage modification, rip-rap installation, and construction support activities.

Next Steps

Clay cap and vegetative cover install.

Key Issues

None

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-) Fuel oil recovered from a 20,000 gallon UST unearthed during site grading.
- 5-) Off-site shipment of aluminum smelter waste to evaluate for possible aluminum recovery.

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