

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

**Date:** Thursday, January 13, 2011

**From:** David Andrews, OSC

**Subject:** Grade Adjustment & Drainage Control Over Waste Pile  
Smokey Mountain Smelters  
1508 Maryville Pike, Knoxville, TN  
Latitude: 35.9191830  
Longitude: -83.9264810

<b>POLREP No.:</b>	9	<b>Site #:</b>	A4MD
<b>Reporting Period:</b>		<b>D.O. #:</b>	00088
<b>Start Date:</b>	6/8/2010	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	6/8/2010	<b>Response Type:</b>	Time-Critical
<b>Demob Date:</b>		<b>NPL Status:</b>	NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>	TND098071061	<b>Contract #</b>	EPS40704
<b>RCRIS ID #:</b>			

**Site Description**

See POLREP #1 for site description and background information.

**Current Activities**

Grade reduction of the leading edge and western toe of the waste field continues during this reporting period. Additional funding through a Ceiling Increase and Change of Scope Action Memorandum was approved on December 16th. The approved funding will support the costs necessary to complete construction of diversion drainage channels through and around the site and install a clay and vegetative cap. These measures were designed to ultimately control leachate run-off from the waste field and stabilize the conditions at the site. After transfer of the site to the Remedial Branch the site controls will allow time to design and implement a long-term remedy for the site.

Jan 3: ERRS and EPA remobed to Site after year-end holiday demobe. Work continues with focus on grade and drainage adjustment.

Jan 5: ERRS ships off-site the tire stockpile. During excavation and grading tires were recovered that were part of the site associated with a C&D landfill.

Jan 6: ERRS conducts a dye test with TDEC to determine subsurface water flow.

Jan 10 thru 12: Site shut-down due to snow & ice.

START will remobilize to Site on Jan 18, 2010.

**Planned Removal Actions**

Continue grading and construction of diversion drainage on the south and north boundaries of the waste pile infill.

Alternate work and tasks are planned if weather postpones heavy equipment work on Site.

**Next Steps**

N/A

**Key Issues**

None at this time

**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 27,000 gallon UST unearthed during site grading.
- 5-) Off-site shipment of aluminum smelter waste to evaluate for possible aluminum recovery.

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