

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Monday, November 22, 2010

From: David Andrews, OSC

Subject: Relocation and Stabilization of the Aluminum Process Waste
Smokey Mountain Smelters
1508 Maryville Pike, Knoxville, TN
Latitude: 35.9191830
Longitude: -83.9264810

POLREP No.:	8	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

Sept 20 – Nov 8, 2010: Transfer of aluminum smelter waste from the leading edges and crests of the waste pile areas has been completed. Approximately 517 truck-loads (8,300 cu yds) has been transferred to the concrete foundation and footprint of the former main building which serves as an impermeable platform for the waste.

November 2, 2010: A consultant (Terracon) was brought-in to evaluate the site and propose a plan to stabilize the site to minimize or stop the leachate discharge from the waste-pile. The OSC approved ERRS to move forward with the recommendations by the consultant for site stabilization.

November 8 – Current: Site operations are currently focused on minimizing the erosion & sedimentation of the waste material with grade adjustments and channeling site drainage around the waste piles on the south and northern boundaries of the waste piles. Concrete from the building demolition has been hammered (hoe-ram) and size-modified into usable rip-rap and installed in the drainage channels. Trees and brush grubbed during site preparation has been installed on the periphery slopes of the waste piles for extra stability and erosion control.

Planned Removal Actions

Continue to grade and contour the landscape of the waste pile in preparation for capping. Tires and scrap metal excavated during the removal work have been staged for off-site disposal/recycling. ERRS has completed decanting water from the 30K-gallon UST and has rescheduled the off-site shipment of the fuel oil with a local vendor. Preparations for year-end/holiday demobe will commence between December 15 thru 22.

Next Steps

The OSC is constructing a Ceiling Increase Action Memorandum to procure funding for ERRS to complete site stabilization.

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 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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