

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Tuesday, January 10, 2012
From: Terrence Byrd, On Scene Coordinator

Subject: Gulf States Steel
2800 Norris Ave, Gadsden, AL
Latitude: 34.0119000
Longitude: -86.0469000

POLREP No.:	34	Site #:	A499
Reporting Period:		D.O. #:	
Start Date:	8/1/2007	Response Authority:	CERCLA
Mob Date:	8/1/2007	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	ALD004014973	Contract #	
RCRIS ID #:			

Site Description

A Time-Critical Removal Action began in September 2009 to address the hazards associated with the former Gulf State Steel Powerhouse, lagoons and Slag Piles.

Remaining removal activities: Slag pile processing, remaining waste lagoon management (2) and slag pile landfill creation. The slag piles are the source of continued release of characteristic hazardous waste. The caustic leachate containing pH values as high as 12.5 from the slag piles is directly discharging into Black Creek, an adjacent wetland area, and a residential neighborhood from drainage ditches outside the Site fence. Sloughing of slag from the piles has been observed on both the northern and southern piles. The sloughing allows for the production of more leachate due to the increase in surface area of new unweathered slag.

Current Activities

Slag processing from both the North and South piles continues. Material from both piles is transported to two on-site processing facilities for separation. Recyclable material is transported off-site. Non-recyclable material is moved to an area close to the North pile for consolidation in an on-Site Landfill and capping to halt the further production of high pH leachate.

Leachate coming from slag piles is currently being monitored for pH. pH ranges from 9 to 12.5. Air monitoring for particulates is also conducted during operations.

Material is de-watered if necessary before processing. Dust control continues.

The main waste pile has been recontoured to eliminate sloughing.

USCG GST on-site to assist with ERRS and START contractor oversight, including the operation of Data-rams for air monitoring.

On-site refinement of the grade "C" fines was not successful and has been discontinued.

- Recycled non ferrous and ferrous metal for December 9,353,086 lbs
- Recycled non ferrous and ferrous metal for task order (coke ovens + powerhouse + slag piles 324,325,857 lbs
- Recycled non ferrous and ferrous for slag piles total 293,388,118 lbs
- Materials awaiting shipment off-site, A-30 tons, B-1500 tons, C-550,000 tons
- To date 70% of North pile has been processed

- To date 28% of South pile has been processed

Planned Removal Actions

Slag screening, reclamation and leachate reduction operations will continue.

www.epaossc.org/GulfStatesSteel